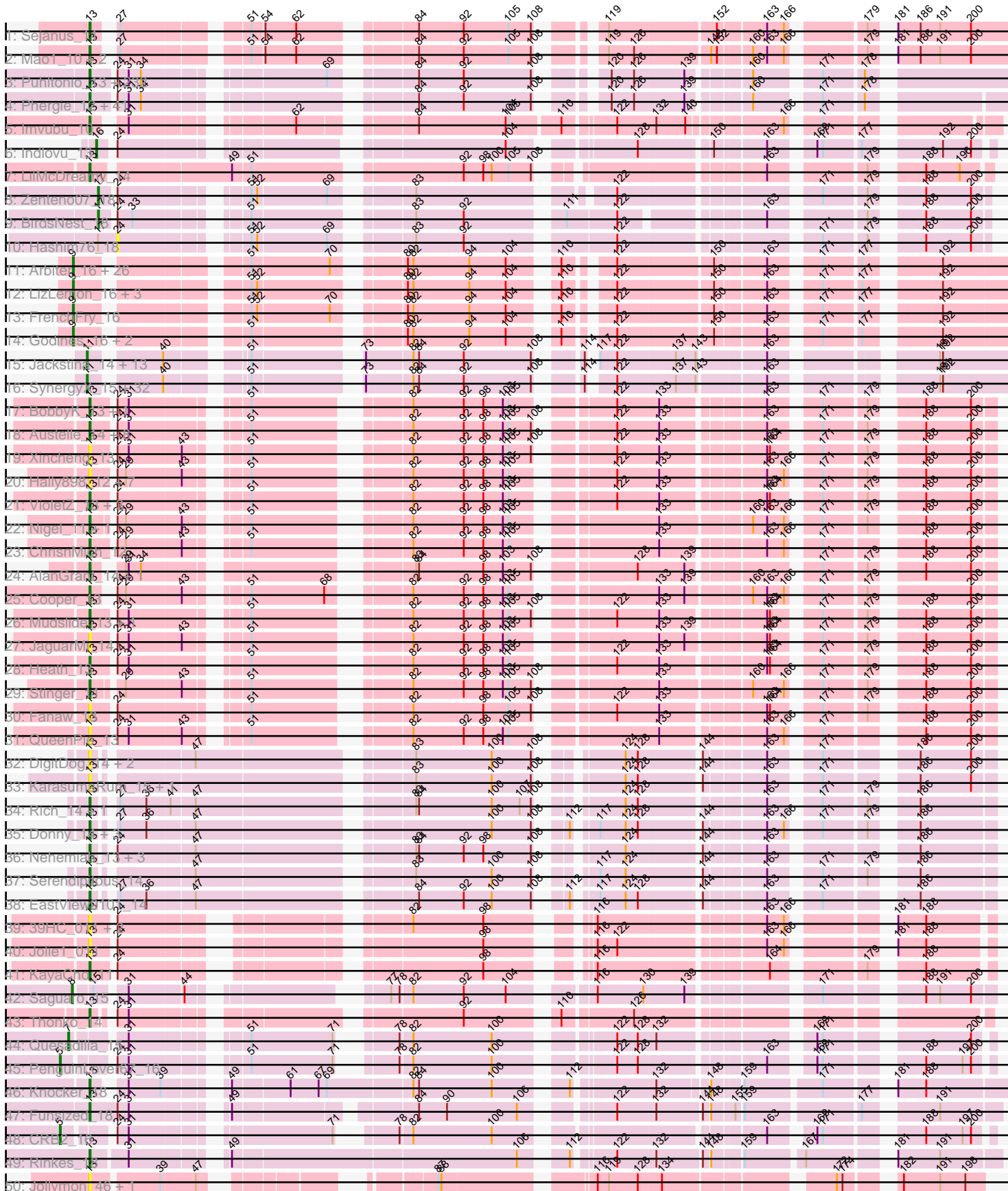
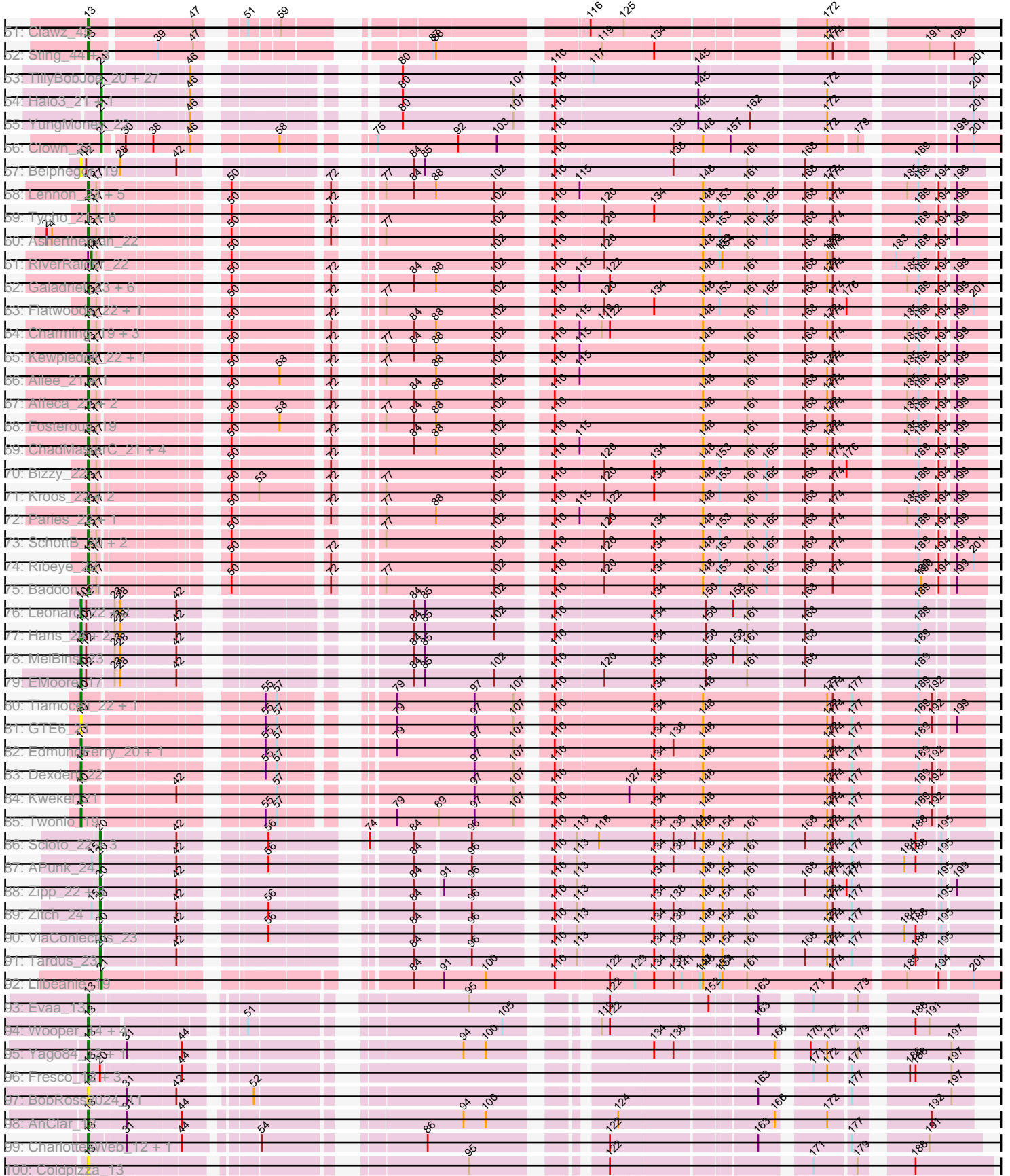


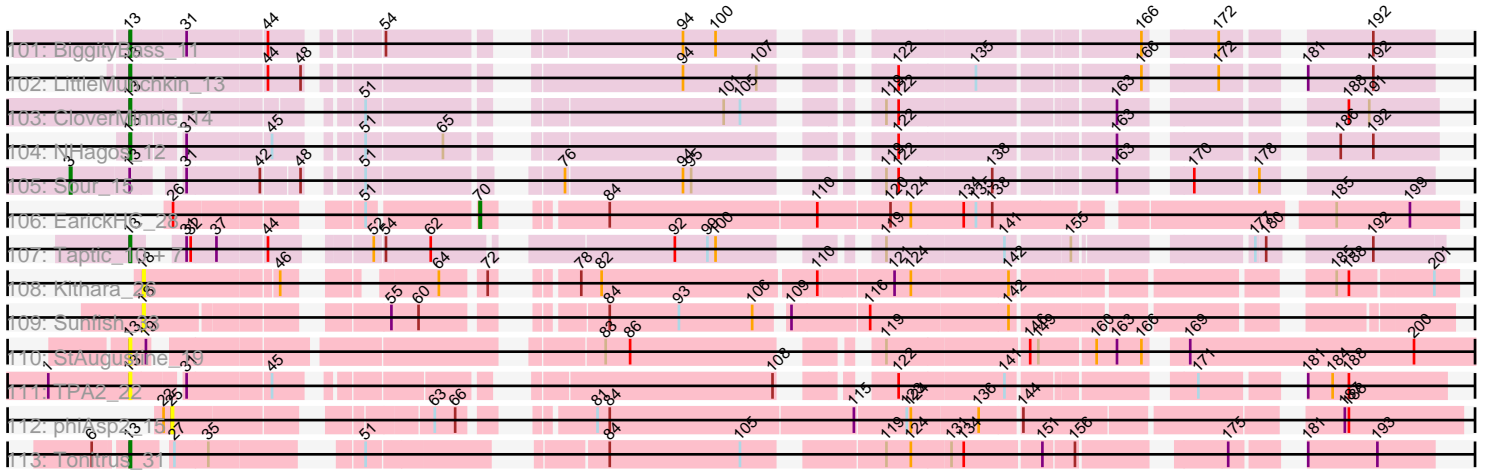
Pham 193625



Pham 193625



Pham 193625



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 193625 Report

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

Pham number 193625 has 592 members, 70 are drafts.

Phages represented in each track:

- Track 1 : Sejanus_11
- Track 2 : Mao1_10, Dori_11, Mask_11
- Track 3 : 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, FluffyNinja_13, Yoshand_13, Etaye_13, Virgeve_12, Toni_12, Mcshane_12, Vivaldi_13, Zaider_14, Plmatters_13, Newman_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, KlimbOn_13, BlueHusk_13, Hamish_13, Suffolk_13, Mikota_13, Rimu_12, ThreeOh3D2_13, Sophia_12, Kikipoo_13, Grand2040_12, Mecca_12, PhatLouie_13, Badfish_13, Solosis_12, Mutante_12, Keitherie_13, Crownjwl_13, Aelin_12, Quisquilliae_13, Serendipity_13, MrPhizzler_12, Inchworm_13, Placalicious_12, Dati_13, Haimas_13, DirtJuice_13, Oline_12, Jiraiya_13, Jillium_12, Altwerkus_12, Nicole21_13, Chorkpop_13, Hetaeria_13, Burr_12, KLucky39_13, Selr12_13, DaddyDaniels_13, 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, Maru_12, Mana_12, Magic8_13, Morgushi_13, MitKao_13, Olak_12, Boehler_13, Thunderbird_12, PinheadLarry_13, Vista_13, JangoPhett_13, SDcharge11_13, BlackStallion_13, Durga_13, Riggan_13, Bishoperium_12, UAch1_13, Mesh1_13, AbsoluteMadLad_12, Fang_13, TomBombadil_13, Phipps_13, Craff_13, Kwadwo_12, Melc17_13, Lulwa_13, Manad_12, PhrodoBaggins_12, ProfessorX_13, FugateOSU_12, Gareth_12, Kwksand96_12, Dice_12, JDog_12, Beaglebox_12, Robyn_12, FriarPreacher_13, Cannibal_13, Bluephacebaby_12, Scoot17C_13, Lasso_13, LostAndPhound_12, Lopsy_12, Schadenfreude_12, Katniss_13, Tooj_13, Haleema_12, Freya_12, Pacifista_12, Chaelin_12, AltPhacts_13, Orion_13, 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, Potter_12, Pops_13, Chunky_13, Held_13, Lego3393_13, Kimbrough_13, CampRoach_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, DonSanchon_12, Eugenia_13, Adriana_13, Orwig_13, MRabcd_12, Thora_13, HighStump_12,

LasagnaCat_13, Frankicide_13, Eremos_13, Basato_14, Morty_13, Apizium_12, LuckyMarjie_12, Daka_13, Matalotodo_13, Cher_12, Buckeye_13, Trypo_13, GeneCoco_13, Colbert_13, DoesntMatter_13, Brilliant_13, RedMaple_12, 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 4 : 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, DuchessDung_12, Pinkman_12, Phleuron_12, Derpp_12, MichaelPhcott_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, Veritas_12, Coletti_12, Phunky_13, ShiVal_13

- Track 5 : Imvubu_10

- Track 6 : Indlovu_13

- Track 7 : LilMcDreamy_14

- Track 8 : Zenteno07_18

- Track 9 : BirdsNest_18

- Track 10 : Hashim76_18

- Track 11 : Arbiter_16, Kheth_16, Ares_16, Eaglehorse_16, ItsyBitsy1_16, Lephleur_16, Calamitous_16, Blocker23_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, Opia_16, Allegro_16, Sabella_16, MasterPo_16, Bananafish_16, Hedgerow_16

- Track 12 : LizLemon_16, Laurie_16, Vic9_17, Glass_16

- Track 13 : FrenchFry_16

- Track 14 : Godines_16, Holeinone_16, Coffee_16

- Track 15 : Jackstina_14, Yinz_15, Pipefish_15, HarveySr_15, Briakila_15, Compostia_16, Heathcliff_15, Daisy_15, Corofin_15, RomaT_15, Philly_14, SlippinJimmy_15, Chandler_15, LestyG_15

- Track 16 : SynergyX_15, GlenHope_16, RagingRooster_15, Audrey_15, Bernardo_15, Casbah_14, Ben11_14, Neos5_15, Kamiyu_15, Gadget_16, Deenasa_15, Kronus_14, Halfpint_14, Athena_16, Nozo_15, ChaChing_15, Gervas_15, Akoma_15, Rita1961_15, Yahalom_15, Morty007_15, Mortcellus_14, Marley1013_15, Baloo_15, OrangeOswald_15, Phlyer_15, Tydolla_15, Abinghost_15, Devonte_15, Obutu_15, MmasiCarm_15, Phayeta_15, Phaedrus_14

- Track 17 : BobbyK_13, Frederick_13

- Track 18 : Austelle_14, RawrgerThat_13, Hydro_13, Mithril_13, Lolalove_13, Hangman_13, Zemanar_14, Waleliano_13, BrownCNA_14

- Track 19 : Xincheng_13

- Track 20 : Hally898_12, Nanao_12, Poster_12, GinPorsche_12, Lambano_12, Epah_12, Antihero_12, Ahwei_12

- Track 21 : VioletZ_13, Fortunato_13, Apex_13, Magpie_13

- Track 22 : Nigel_11, JAMaL_13

- Track 23 : ChrisnMich_12

- Track 24 : AlanGrant_14, Vincenzo_14

- Track 25 : Cooper_13

- Track 26 : Mudslide_13, Prince_13

- Track 27 : JaguarMi_14

- Track 28 : Heath_13

- Track 29 : Stinger_11

- Track 30 : Fanaw_13

- Track 31 : QueenPie_13
- Track 32 : DigitDog_14, Shenyu_14, Nangang_14
- Track 33 : KarasumaRum_15, StinkyVeggy_15
- Track 34 : Rich_14, Bae_14
- Track 35 : Donny_14, Suigeneris_14, Acadian_14, SirJeffery_14
- Track 36 : Nehemiah_13, Reprobate_14, Phelemich_14, Mysterious_14
- Track 37 : Serendipitous_14
- Track 38 : EastView9101_14
- Track 39 : 39HC_011, 40BC_011, Hosp_09
- Track 40 : Jolie1_011
- Track 41 : KayaCho_11
- Track 42 : Saguaro_15
- Track 43 : Thonko_14
- Track 44 : Quesadilla_15
- Track 45 : PenguinLover67_16
- Track 46 : Knocker_18
- Track 47 : Funsized_18
- Track 48 : CRB2_16
- Track 49 : Rinkes_18
- Track 50 : Jollymon_46, ColdSoup_46
- Track 51 : Clawz_45
- Track 52 : Sting_44, KingstonB_46, DonTron_45, Soos_41
- Track 53 : TillyBobJoe_20, Mutzi_22, ClamChowder_22, Evamon_20, Gezellig_21, KimmyK_22, PinkCoffee_22, Fugax_22, Salvador_20, Arri_23, VanDeWege_23, Valary_23, Togo_20, Danyall_22, Jambalaya_20, 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 54 : Halo3_21, Bakery_21
- Track 55 : YungMoney_22
- Track 56 : Clown_24
- Track 57 : Belphegor_19
- Track 58 : Lennon_23, Bibwit_22, Barsten_22, Stultus_21, Sedona_23, Sitar_23
- Track 59 : Tycho_21, Gaea_21, Baumdotcom_21, Gustavo_21, Kwobi_22, Saronaya_21, YorkOnyx_22
- Track 60 : Ashertheman_22
- Track 61 : RiverRaider_22
- Track 62 : Galadriel_23, MoontowerMania_20, McKinley_22, Rofo_21, Love_23, Vivi2_21, Nordenberg_16
- Track 63 : Flatwoods_22, Derg_19
- Track 64 : Charming_19, Tangent_19, Shivanishola_21, BobBob_19
- Track 65 : Kewpiedoll_22, Geodirt_20
- Track 66 : Ailee_21, Keitabear_23
- Track 67 : Affeca_21, Angelicage_21, Fitzgerald_19
- Track 68 : Fosterous_19
- Track 69 : ChadMasterC_21, Sanjuju_19, Jabberwocky_19, Kamashten_22, Thing3_22
- Track 70 : Bizzy_22
- Track 71 : Kroos_22, Tangerine_21, StorminNorm_21
- Track 72 : Paries_22, Brandonk123_23
- Track 73 : SchottB_20, LilHam_19, JKSyngboy_20
- Track 74 : Ribeye_22
- Track 75 : Baddon_21
- Track 76 : Leonard_22, Ali17_20, Phinally_22

- Track 77 : Hans_24, Phauci_15, Inspectinfecti_23
- Track 78 : MelBins_23
- Track 79 : EMoore_17
- Track 80 : Tiamoceli_22, Chickadee_21
- Track 81 : GTE6_21
- Track 82 : EdmundFerry_20, RoadKill_19
- Track 83 : Dexdert_22
- Track 84 : Kwekel_21
- Track 85 : Twonlo_19
- Track 86 : Scioto_22, Natkenzie_22, Sampson_22, Abblin_22
- Track 87 : APunk_24
- Track 88 : Zipp_22, Delrey21_22, DoctorFroggo_22, Verity_22
- Track 89 : Zitch_24
- Track 90 : ViaConlectus_23
- Track 91 : Tardus_23
- Track 92 : Lilbeanie_19
- Track 93 : Evaa_13
- Track 94 : Wooper_14, CaiB_14, MakoManhole_14, MossRose_14, AnarQue_14
- Track 95 : Yago84_12, Sisko_12
- Track 96 : Fresco_12, Axumite_12, Shatter_12, Ligma_12
- Track 97 : BobRoss2024_11
- Track 98 : AnClar_12
- Track 99 : CharlottesWeb_12, Mariokart_12
- Track 100 : Coldpizza_13
- Track 101 : BiggityBass_11
- Track 102 : LittleMunchkin_13
- Track 103 : CloverMinnie_14
- Track 104 : NHagos_12
- Track 105 : Sour_15
- Track 106 : EarickHC_28
- Track 107 : Taptic_10, Argie_11, D12_10, PR_10, Megabear_10, Jeon_10, Cepens_10, GodPhather_11
- Track 108 : Kithara_26
- Track 109 : Sunfish_33
- Track 110 : StAugustine_19
- Track 111 : TPA2_22
- Track 112 : phiAsp2_15
- Track 113 : 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 13, it was called in 381 of the 522 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• 39HC_011, 40BC_011, ABU_13, AbsoluteMadLad_12, Acadian_14, Adriana_13, Aelin_12, Affeca_21, Ahwei_12, Ailee_21, AlanGrant_14, AltPhacts_13, Altwerkus_12, AnClar_12, AnarQue_14, Anderson_13, Andre_13, Angelicage_21, Antihero_12, Antonia_12, Apex_13, Apizium_12, Argie_11, Ashertheman_22, Ashraf_12, Austelle_14, Axumite_12, Baddon_21, Badfish_13, Bae_14, Banjo_12,

Barsten_22, Basato_14, BatteryCK_12, Baumdotcom_21, Beaglebox_12, Bibwit_22, BiggityBass_11, Bishoperium_12, Bizzy_22, BlackStallion_13, BlueHusk_13, Bluephacebaby_12, BobBob_19, BobRoss2024_11, BobbyK_13, Boehler_13, Brandonk123_23, Brilliant_13, BrownCNA_14, Buckeye_13, Burr_12, CaiB_14, CamL_13, CampRoach_13, Cannibal_13, Carthage_12, Cepens_10, ChadMasterC_21, Chaelin_12, Chah_13, Charles1_13, CharlieGBrown_12, CharlottesWeb_12, Charming_19, CheetO_13, Cher_12, Childish_12, Chorkpop_13, ChrisnMich_12, Chunky_13, Chute_12, Clawz_45, CloverMinnie_14, Cobra_13, Colbert_13, ColdSoup_46, Coldpizza_13, Coletti_12, Cooper_13, Cornobble_12, Cosmolli16_12, Craff_13, Crownjwl_13, D12_10, DaddyDaniels_13, Daffy_13, Daka_13, Dati_13, DelRivs_12, Derg_19, Derpp_12, Dice_12, DigitDog_14, Dingo_13, Dione_12, DirtJuice_13, Doddsville_13, DoesntMatter_13, DonSanchon_12, DonTron_45, Donny_14, Dori_11, DuchessDung_12, Duggie_12, Durga_13, EastView9101_14, Emiris_13, EmpTee_13, Epah_12, Eremos_13, Etaye_13, Eugenia_13, Evaa_13, Fanaw_13, Fang_13, Fitzgerald_19, Flatwoods_22, FluffyNinja_13, Fortunato_13, Fosterous_19, Fozzie_12, Frankicide_13, Frederick_13, Fresco_12, Freya_12, FriarPreacher_13, Fringe_13, FugateOSU_12, Funsized_18, Gaea_21, Galadriel_23, Gareth_12, GeneCoco_13, Geodirt_20, GinPorsche_12, Giraffe_13, GodPhather_11, Gophee_13, Grand2040_12, Gustavo_21, 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, Iridoclysis_13, IsaacEli_13, JAMaL_13, JDog_12, JKSyngboy_20, Jabberwocky_19, JacAttac_13, JaguarMi_14, JakeO_12, JangoPhett_13, Jeon_10, Jillium_12, Jiminy_12, Jiraiya_13, Jolie1_011, Jollymon_46, KLucky39_13, Kahve_12, Kailash_13, Kamashten_22, KarasumaRum_15, Katniss_13, KayaCho_11, Keitabear_23, Keitherie_13, Kewpiedoll_22, Kikipoo_13, Kimbrough_13, KingTut_12, KingVeVeVe_13, KingstonB_46, KlimbOn_13, Kloppinator_13, Knocker_18, Kroos_22, Kwadwo_12, Kwksand96_12, Kwobi_22, Labeouficaum_12, Lambano_12, LasagnaCat_13, Lasso_13, LeeLot_13, Lego3393_13, Legolas_12, LeiMonet_13, LemonSlice_13, Lennon_23, Ligma_12, LilHam_19, LilMcDreamy_14, LittleMunchkin_13, Lolalove_13, Longacauda_12, Lopsy_12, LostAndPhound_12, Love_23, LuckyMarjie_12, Lulumae_12, Lulwa_13, Lumine_12, MRabcd_12, Mag7_12, Magic8_13, Magpie_13, MakoManhole_14, Mana_12, Manad_12, Mao1_10, Mariokart_12, Maru_12, Mask_11, Maskar_12, Matalotodo_13, McKinley_22, Mcshane_12, Mecca_12, Megabear_10, Megamind20_13, Megatron_13, Melc17_13, MelsMeow_12, Mesh1_13, MichaelPhcott_12, Mikota_13, MiniBoss_13, MitKao_13, Mithril_13, MoontowerMania_20, 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, Nehemiah_13, Newman_13, Nicole21_13, Nigel_11, Nordenberg_16, Numberten_13, Nyala_12, OSmaximus_13, Olak_12, Oline_12, Olive_13, OliverWalter_13, Omniscient_13, Oosterbaan_13, Orfeu_12, Orion_13, Orwigg_13, PG1_13, PR_10, Pacifista_12, Paries_22, Phamished_13, Phareon_13, PhatCats2014_13, PhatLouie_13, Phelemich_14, PhenghisKhan_12, Pherdinand_13, Phergie_12, Phipps_13, Phleuron_12, PhrankReynolds_12, PhrodoBaggins_12, Phunky_13, Piglet_0012, PinheadLarry_13, Pinkman_12, Pipsqueak_13, Placalicious_12, Plmatters_13, Podrick_13, Pops_13, Poster_12, Potter_12, Prickles_13, Prince_13, ProfessorX_13, Puhltonio_13, QueenBeane_13, QueenPie_13, Quisquiliae_13, RawrgerThat_13, RedMaple_12, Reprobate_14, Ribeye_22, Rich_14, Ricotta_12, Riggan_13, Rimu_12, Rinkes_18, Robyn_12, Rofo_21, Roliet_13, Roscoe_14, Roy17_13, SDcharge11_13,

Samaymay_13, Sanjuju_19, Saronaya_21, SassyCat97_12, Schadenfreude_12, SchottB_20, Schueller_12, Scoot17C_13, Scrick_12, Sedona_23, Sejanus_11, Selr12_13, Serendipitous_14, Serendipity_13, Serpentine_0013, Shatter_12, Sheila_13, Shenyu_14, ShiVal_13, Shivanishola_21, Sigman_13, SilverBell_13, Simielle_12, SirJeffery_14, Sisko_12, Sitar_23, Skippy_13, Slatt_13, Soile_13, Solosis_12, Soos_41, Sophia_12, Soto_13, Spartan300_13, Squid_13, Squiggle_13, StAugustine_19, Sting_44, Stinger_11, StinkyVeggy_15, StorminNorm_21, Struggle_12, Stultus_21, Suffolk_13, Suigeneris_14, Surely_13, Swiphy_13, Swish_13, TPA2_22, TallGrassMM_13, Tangent_19, Tangerine_21, Taptic_10, Telesworld_12, Thing3_22, Thonko_14, Thora_13, ThreeOh3D2_13, Thunderbird_12, Timmi_12, TomBombadil_13, Tomlarah_13, Toni_12, Tonitrus_31, Tooj_13, True_12, Trypo_13, Tycho_21, 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, Vivi2_21, Vortex_13, Waleliano_13, Wallhey_12, Waterdiva_13, Weher20_13, Windsor_12, Wooper_14, Xavier_12, Xincheng_13, Yago84_12, YorkOnyx_22, Yoshand_13, YouGoGlencoco_13, Zaider_14, Zelda_13, Zemanar_14, Zonia_13,

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

- RiverRaider_22, Sour_15,

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

- APunk_24, Abblin_22, Abinghost_15, Akoma_15, Ali17_20, Allegro_16, Arbiter_16, Ares_16, Arri_23, Athena_16, Audrey_15, Bakery_21, Baloo_15, Bananafish_16, Barb_22, Belphegor_19, Ben11_14, Bernardo_15, BirdsNest_18, Blocker23_16, Boyle_16, Briakila_15, Brownie5_16, CRB2_16, Calamitous_16, Casbah_14, ChaChing_15, Chandler_15, Chickadee_21, ClamChowder_22, Clown_24, Coffee_16, Compostia_16, Corofin_15, CoveyB_23, Daisy_15, Danyall_22, Deenasa_15, Delrey21_22, Devonte_15, Dexdert_22, DoctorFroggo_22, EMoore_17, Eaglehorse_16, EarickHC_28, EdmundFerry_20, Evamon_20, Faze9_16, Fireball_21, FrenchFry_16, Fugax_22, GTE6_21, Gadget_16, Gervas_15, Gezellig_21, Glass_16, GlenHope_16, Godines_16, Halfpint_14, Halo3_21, Hans_24, HarveySr_15, Hashim76_18, Heathcliff_15, Hedgerow_16, Holeinone_16, Indlovu_13, Inspectinfecti_23, ItsyBitsy1_16, Jackstina_14, Jambalaya_20, Kaleb_16, Kamiyu_15, Kheth_16, KimmyK_22, Kithara_26, Kronus_14, Kwekel_21, Lars_16, Laurie_16, Leonard_22, Lephleur_16, LestyG_15, Lilbeanie_19, LizLemon_16, Marley1013_15, MasterPo_16, MelBins_23, MmasiCarm_15, Mortcellus_14, Morty007_15, Mutzi_22, Natkenzie_22, Neos5_15, Nozo_15, Nubi_20, Obutu_15, Opia_16, OrangeOswald_15, PenguinLover67_16, Phaedrus_14, Phantasmagoria_16, Phauci_15, Phayeta_15, Philly_14, Phinally_22, Phlop_20, Phlyer_15, PinkCoffee_22, Pipefish_15, Portcullis_20, PullumCavea_20, Quesadilla_15, Qyrzula_15, RagingRooster_15, Rhinoforte_16, Rita1961_15, RoadKill_19, RogerDodger_23, RomaT_15, Rosebush_16, Sabella_16, Saguaro_15, Salvador_20, Sampson_22, Savbucketdawg_20, Scioto_22, Shinji_20, SlippinJimmy_15, SmokingBunny_20, Sunfish_33, SynergyX_15, TA17A_16, Tardus_23, Tiamoceli_22, TillyBobJoe_20, Tinciduntolum_17, Togo_20, Tres_16, Twister6_22, Twonlo_19, Tydolla_15, Valary_23, VanDeWege_23, Verity_22, ViaConlectus_23, Vic9_17, West99_16, Wizard_20, Yahalom_15, Yinz_15, YungMoney_22, Zenteno07_18, Zipp_22, Zitch_24, phiAsp2_15,

Summary by start number:

Start 3:

- Found in 1 of 592 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 522
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sour_15 (DR),

Start 5:

- Found in 2 of 592 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 522
- 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 592 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 522
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Quesadilla_15 (B9),

Start 8:

- Found in 1 of 592 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 522
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Saguaro_15 (B7),

Start 9:

- Found in 35 of 592 (5.9%) of genes in pham
- Manual Annotations of this start: 32 of 522
- 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), Lars_16 (B2), Laurie_16 (B2), Lephleur_16 (B2), LizLemon_16 (B2), MasterPo_16 (B2), Opia_16 (B2), Phantasmagoria_16 (B2), Qyrzula_15 (B2), Rhinoforte_16 (B2), Rosebush_16 (B2), Sabella_16 (B2), TA17A_16 (B2), Tinciduntolum_17 (B2), Tres_16 (B2), Vic9_17 (B2), West99_16 (B2),

Start 10:

- Found in 17 of 592 (2.9%) of genes in pham
- Manual Annotations of this start: 15 of 522
- 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 47 of 592 (7.9%) of genes in pham
- Manual Annotations of this start: 45 of 522
- 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), Briakila_15 (B3), Casbah_14 (B3), ChaChing_15 (B3), Chandler_15 (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), Halfpint_14 (B3), HarveySr_15 (B3), Heathcliff_15 (B3), Jackstina_14 (B3), Kamiyu_15 (B3), Kronus_14 (B3), LestyG_15 (B3), Marley1013_15 (B3), MmasiCarm_15 (B3), Mortcellus_14 (B3), Morty007_15 (B3), Neos5_15 (B3), Nozo_15 (B3), Obutu_15 (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), SlippinJimmy_15 (B3), SynergyX_15 (B3), Tydolla_15 (B3), Yahalom_15 (B3), Yinz_15 (B3),

Start 13:

- Found in 436 of 592 (73.6%) of genes in pham
- Manual Annotations of this start: 381 of 522
- Called 99.5% of time when present
- Phage (with cluster) where this start called: 39HC_011 (B6), 40BC_011 (B6), ABU_13 (B1), AbsoluteMadLad_12 (B1), Acadian_14 (B5), Adriana_13 (B1), Aelin_12 (B1), Affeca_21 (DE1), Ahwei_12 (B4), Ailee_21 (DE1), AlanGrant_14 (B4), AltPhacts_13 (B1), Altwerkus_12 (B1), AnClar_12 (DR), AnarQue_14 (DR), Anderson_13 (B1), Andre_13 (B1), Angelicage_21 (DE1), Antihero_12 (B4), Antonia_12 (B1), Apex_13 (B4), Apizium_12 (B1), Argie_11 (W), Ashertheman_22 (DE1), Ashraf_12 (B1), Austelle_14 (B4), Axumite_12 (DR), Baddon_21 (DE1), Badfish_13 (B1), Bae_14 (B5), Banjo_12 (B1), Barsten_22 (DE1), Basato_14 (B1), BatteryCK_12 (B1), Baumdotcom_21 (DE1), Beaglebox_12 (B1), Bibwit_22 (DE1), BiggityBass_11 (DR), Bishoperium_12 (B1), Bizzy_22 (DE1), BlackStallion_13 (B1), BlueHusk_13 (B1), Bluephacebaby_12 (B1), BobBob_19 (DE1), BobRoss2024_11 (DR), BobbyK_13 (B4), Boehler_13 (B1), Brandonk123_23 (DE1), 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), Cepens_10 (W), ChadMasterC_21 (DE1), Chaelin_12 (B1), Chah_13 (B1), Charles1_13 (B1), CharlieGBrown_12 (B1), CharlottesWeb_12 (DR), Charming_19 (DE1), CheetO_13 (B1), Cher_12 (B1), Childish_12 (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), Cornobble_12 (B1), Cosmolli16_12 (B1), Craff_13 (B1), Crownjwl_13 (B1), D12_10 (W), DaddyDaniels_13 (B1), Daffy_13 (B1), Daka_13 (B1), Dati_13 (B1), DelRivs_12 (B1), Derg_19 (DE1), Derpp_12 (B1), Dice_12 (B1), DigitDog_14 (B5), Dingo_13 (B1), Dione_12 (B1), DirtJuice_13 (B1), Doddsville_13 (B1), DoesntMatter_13 (B1), DonSanchon_12 (B1), DonTron_45 (CP), Donny_14 (B5), Dori_11 (AD), DuchessDung_12 (B1), Duggie_12 (B1), Durga_13 (B1), EastView9101_14 (B5), 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), Fitzgerald_19 (DE1), Flatwoods_22 (DE1), FluffyNinja_13 (B1), Fortunato_13 (B4), Fosterous_19 (DE1), 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), Gaea_21 (DE1), Galadriel_23 (DE1), Gareth_12 (B1), GeneCoco_13 (B1), Geodirt_20 (DE1), GinPorsche_12 (B4), Giraffe_13 (B1), GodPhather_11 (W), Gophee_13 (B1), Grand2040_12 (B1), Gustavo_21 (DE1), Gwilliam_13 (B1), Gyarad_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), Iridoclysis_13 (B1), IsaacEli_13 (B1), JAMaL_13 (B4), JDog_12 (B1), JKSyngboy_20 (DE1), Jabberwocky_19 (DE1), JacAttac_13 (B1), JaguarMi_14 (B4), JakeO_12 (B1), JangoPhett_13 (B1), Jeon_10 (W), Jillium_12 (B1), Jiminy_12 (B1), Jiraiya_13 (B1), Jolie1_011 (B6), Jollymon_46 (CP), KLUcky39_13 (B1), Kahve_12 (B1), Kailash_13 (B1), Kamashten_22 (DE1), KarasumaRum_15 (B5), Katniss_13 (B1), KayaCho_11 (B6), Keitabear_23 (DE1), Keitherie_13 (B1), Kewpiedoll_22 (DE1), Kikipoo_13 (B1), Kimbrough_13 (B1), KingTut_12 (B1), KingVeVeVe_13 (B1), KingstonB_46 (CP), KlimbOn_13 (B1), Kloppinator_13 (B1), Knocker_18 (B9), Kroos_22 (DE1), Kwadwo_12 (B1), Kwksand96_12 (B1), Kwobi_22 (DE1), 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), Lennon_23 (DE1), Ligma_12 (DR), LilHam_19 (DE1), LilMcDreamy_14 (B12), LittleMunchkin_13 (DR), Lolalove_13 (B4), Longacauda_12 (B1), Lopsy_12 (B1), LostAndPhound_12 (B1), Love_23 (DE1), 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), Mao1_10 (AD), Mariokart_12 (DR), Maru_12 (B1), Mask_11 (AD), Maskar_12 (B1), Matalotodo_13 (B1), McKinley_22 (DE1), Mcshane_12 (B1), Mecca_12 (B1), Megabear_10 (W), Megamind20_13 (B1), Megatron_13 (B1), Melc17_13 (B1), MelsMeow_12 (B1), Mesh1_13 (B1), MichaelPhcott_12 (B1), Mikota_13 (B1), MiniBoss_13 (B1), MitKao_13 (B1), Mithril_13 (B4), MoontowerMania_20 (DE1), 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), Nehemiah_13 (B5), Newman_13 (B1), Nicole21_13 (B1), Nigel_11 (B4), Nordenberg_16 (DE1), 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_13 (B1), PG1_13 (B1), PR_10 (W), Pacifista_12 (B1), Paries_22 (DE1), 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), PhrankReynolds_12 (B1), PhrodoBaggins_12 (B1), Phunky_13 (B1), Piglet_0012 (B1), PinheadLarry_13 (B1), Pinkman_12 (B1), Pipsqueak_13 (B1), Placalicious_12 (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), QueenBeane_13 (B1), QueenPie_13 (B4), Quisquiliae_13 (B1), RawrgerThat_13 (B4), RedMaple_12 (B1), Reprobate_14 (B5), Ribeye_22 (DE1), Rich_14 (B5), Ricotta_12 (B1), Riggan_13 (B1), Rimu_12 (B1), Rinkes_18 (B9), Robyn_12 (B1), Rofo_21 (DE1), Roliet_13 (B1), Roscoe_14 (B1), Roy17_13 (B1), SDcharge11_13 (B1), Samaymay_13 (B1), Sanjuju_19 (DE1), Saronaya_21 (DE1), SassyCat97_12 (B1), Schadenfreude_12 (B1), SchottB_20 (DE1), Schueller_12 (B1), Scoot17C_13 (B1), Scrick_12 (B1), Sedona_23 (DE1), Sejanus_11 (AD), Selr12_13 (B1), Serendipitous_14 (B5), Serendipity_13 (B1), Serpentine_0013 (B1), Shatter_12 (DR), Sheila_13 (B1), Shenyu_14 (B5), ShiVal_13 (B1), Shivanishola_21 (DE1), Sigman_13 (B1), SilverBell_13 (B1), Simielle_12 (B1), SirJeffery_14 (B5), Sisko_12 (DR), Sitar_23 (DE1), 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_19 (singleton), Sting_44 (CP), Stinger_11 (B4), StinkyVeggy_15 (B5), StorminNorm_21 (DE1), Struggle_12 (B1), Stultus_21 (DE1), Suffolk_13 (B1), Suigeneris_14 (B5), Surely_13 (B1), Swiphy_13 (B1), Swish_13

(B1), TPA2_22 (singleton), TallGrassMM_13 (B1), Tangent_19 (DE1), Tangerine_21 (DE1), Taptic_10 (W), Telesworld_12 (B1), Thing3_22 (DE1), 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), Tooj_13 (B1), True_12 (B1), Trypo_13 (B1), Tycho_21 (DE1), 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), Vivi2_21 (DE1), Vortex_13 (B1), 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), YorkOnyx_22 (DE1), Yoshand_13 (B1), YouGoGlencoco_13 (B1), Zaider_14 (B1), Zelda_13 (B1), Zemanar_14 (B4), Zonia_13 (B1),

Start 14:

- Found in 1 of 592 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 522
- Called 100.0% of time when present
- Phage (with cluster) where this start called: RiverRaider_22 (DE1),

Start 16:

- Found in 1 of 592 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 522
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Indlovu_13 (B11),

Start 17:

- Found in 55 of 592 (9.3%) of genes in pham
- Manual Annotations of this start: 2 of 522
- Called 3.6% of time when present
- Phage (with cluster) where this start called: BirdsNest_18 (B13), Zenteno07_18 (B13),

Start 18:

- Found in 2 of 592 (0.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Kithara_26 (singleton), Sunfish_33 (singleton),

Start 20:

- Found in 16 of 592 (2.7%) of genes in pham
- Manual Annotations of this start: 9 of 522
- Called 75.0% 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 21:

- Found in 33 of 592 (5.6%) of genes in pham
- Manual Annotations of this start: 30 of 522
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Arri_23 (DC1), Bakery_21 (DC1), Barb_22 (DC1), ClamChowder_22 (DC1), Clown_24 (DC2), CoveyB_23 (DC1), Danyall_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 24:

- Found in 326 of 592 (55.1%) of genes in pham
- No Manual Annotations of this start.
- Called 0.3% of time when present
- Phage (with cluster) where this start called: Hashim76_18 (B13),

Start 25:

- Found in 1 of 592 (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 70:

- Found in 29 of 592 (4.9%) of genes in pham
- Manual Annotations of this start: 1 of 522
- Called 3.4% of time when present
- Phage (with cluster) where this start called: EarickHC_28 (EC),

Summary by clusters:

There are 27 clusters represented in this pham: singleton, DE, B12, B13, B10, B11, DR, AD, 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 13 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster B1:

- Start number 13 was manually annotated 263 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 13 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 16 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 13 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 17 was manually annotated 2 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 9 was manually annotated 32 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 11 was manually annotated 45 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 13 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 13 was manually annotated 9 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 13 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 13 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 13 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster CP:

- Start number 13 was manually annotated 3 times for cluster CP.

Info for manual annotations of cluster DC1:

- Start number 21 was manually annotated 28 times for cluster DC1.

Info for manual annotations of cluster DC2:

- Start number 21 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:

- Start number 13 was manually annotated 43 times for cluster DE1.
- Start number 14 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 20 was manually annotated 9 times for cluster DE4.

Info for manual annotations of cluster DE5:

- Start number 21 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DR:

- Start number 3 was manually annotated 1 time for cluster DR.
- Start number 13 was manually annotated 18 times for cluster DR.

Info for manual annotations of cluster EC:

- Start number 70 was manually annotated 1 time for cluster EC.

Info for manual annotations of cluster W:

- Start number 13 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_011 Start: 11832, Stop: 12599, Start Num: 13

Candidate Starts for 39HC_011:

(Start: 13 @11832 has 381 MA's), (24, 11853), (82, 12093), (98, 12168), (116, 12249), (163, 12408), (166, 12426), (181, 12504), (188, 12534),

Gene: 40BC_011 Start: 11832, Stop: 12599, Start Num: 13

Candidate Starts for 40BC_011:

(Start: 13 @11832 has 381 MA's), (24, 11853), (82, 12093), (98, 12168), (116, 12249), (163, 12408), (166, 12426), (181, 12504), (188, 12534),

Gene: ABU_13 Start: 11600, Stop: 12397, Start Num: 13

Candidate Starts for ABU_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: APunk_24 Start: 18327, Stop: 19151, Start Num: 20

Candidate Starts for APunk_24:

(15, 18318), (Start: 20 @18327 has 9 MA's), (42, 18399), (56, 18465), (84, 18582), (96, 18639), (110, 18711), (113, 18732), (134, 18813), (138, 18834), (148, 18864), (154, 18885), (161, 18912), (172, 18993), (174, 18999), (177, 19020), (184, 19065), (188, 19077), (195, 19101),

Gene: Abblin_22 Start: 17540, Stop: 18364, Start Num: 20

Candidate Starts for Abblin_22:

(Start: 20 @17540 has 9 MA's), (42, 17612), (56, 17678), (74, 17753), (84, 17795), (96, 17852), (110, 17924), (113, 17945), (118, 17966), (134, 18026), (138, 18047), (144, 18068), (148, 18077), (154, 18098), (161, 18125), (168, 18182), (172, 18206), (174, 18212), (177, 18233), (188, 18290), (195, 18314),

Gene: Abinghost_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Abinghost_15:

(Start: 11 @13140 has 45 MA's), (40, 13203), (51, 13266), (73, 13362), (82, 13410), (84, 13416), (92, 13464), (108, 13536), (114, 13566), (122, 13587), (137, 13647), (143, 13668), (163, 13734), (191, 13875), (192, 13878),

Gene: AbsoluteMadLad_12 Start: 11598, Stop: 12401, Start Num: 13

Candidate Starts for AbsoluteMadLad_12:

(Start: 13 @11598 has 381 MA's), (24, 11619), (31, 11631), (34, 11643), (69, 11805), (84, 11874), (92, 11922), (108, 11994), (120, 12039), (126, 12063), (139, 12114), (160, 12168), (171, 12225), (178, 12264),

Gene: Acadian_14 Start: 13349, Stop: 14155, Start Num: 13

Candidate Starts for Acadian_14:

(Start: 13 @13349 has 381 MA's), (27, 13364), (36, 13391), (47, 13439), (100, 13724), (108, 13766), (112, 13784), (117, 13802), (124, 13829), (128, 13841), (144, 13901), (163, 13958), (166, 13976), (171, 14000), (179, 14042), (186, 14078),

Gene: Adriana_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Adriana_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Aelin_12 Start: 11149, Stop: 11952, Start Num: 13

Candidate Starts for Aelin_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (69, 11356), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

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

Candidate Starts for Affeca_21:

(Start: 13 @17356 has 381 MA's), (Start: 17 @17365 has 2 MA's), (50, 17470), (72, 17560), (84, 17614), (88, 17638), (102, 17701), (110, 17749), (148, 17905), (161, 17953), (168, 18010), (172, 18034), (174, 18040), (185, 18109), (189, 18121), (194, 18139), (199, 18154),

Gene: Ahwei_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Ahwei_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

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

Candidate Starts for Ailee_21:

(Start: 13 @17270 has 381 MA's), (Start: 17 @17279 has 2 MA's), (50, 17384), (58, 17432), (72, 17474), (77, 17498), (88, 17552), (102, 17615), (110, 17663), (115, 17690), (148, 17819), (161, 17867), (168, 17924), (172, 17948), (174, 17954), (185, 18023), (189, 18035), (194, 18053), (199, 18068),

Gene: Akoma_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Akoma_15:

(Start: 11 @13140 has 45 MA's), (40, 13203), (51, 13266), (73, 13362), (82, 13410), (84, 13416), (92, 13464), (108, 13536), (114, 13566), (122, 13587), (137, 13647), (143, 13668), (163, 13734), (191, 13875), (192, 13878),

Gene: AlanGrant_14 Start: 14119, Stop: 14907, Start Num: 13

Candidate Starts for AlanGrant_14:

(Start: 13 @14119 has 381 MA's), (29, 14140), (31, 14143), (34, 14155), (83, 14386), (84, 14389), (98, 14458), (103, 14479), (108, 14509), (128, 14593), (139, 14641), (171, 14752), (179, 14794), (188, 14836), (200, 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), (23, 16710), (28, 16716), (42, 16770), (84, 16941), (85, 16953), (102, 17028), (110, 17076), (134, 17178), (150, 17232), (158, 17262), (161, 17277), (168,

17334), (189, 17445),

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

Candidate Starts for Allegro_16:

(Start: 9 @14535 has 32 MA's), (51, 14679), (Start: 70 @14760 has 1 MA's), (80, 14814), (82, 14820), (94, 14880), (104, 14919), (110, 14958), (122, 14997), (150, 15093), (163, 15141), (171, 15183), (177, 15219), (192, 15285),

Gene: AltPhacts_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for AltPhacts_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Altwerkus_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Altwerkus_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: AnClar_12 Start: 12460, Stop: 13242, Start Num: 13

Candidate Starts for AnClar_12:

(Start: 13 @12460 has 381 MA's), (31, 12499), (44, 12553), (94, 12793), (100, 12817), (124, 12919), (166, 13072), (172, 13111), (192, 13198),

Gene: AnarQue_14 Start: 13126, Stop: 13899, Start Num: 13

Candidate Starts for AnarQue_14:

(Start: 13 @13126 has 381 MA's), (51, 13258), (105, 13489), (119, 13555), (122, 13564), (163, 13708), (188, 13834), (191, 13849),

Gene: Anderson_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Anderson_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Andre_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Andre_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

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

Candidate Starts for Angelicage_21:

(Start: 13 @17779 has 381 MA's), (Start: 17 @17788 has 2 MA's), (50, 17893), (72, 17983), (84, 18037), (88, 18061), (102, 18124), (110, 18172), (148, 18328), (161, 18376), (168, 18433), (172, 18457), (174, 18463), (185, 18532), (189, 18544), (194, 18562), (199, 18577),

Gene: Antihero_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Antihero_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

Gene: Antonia_12 Start: 11149, Stop: 11952, Start Num: 13

Candidate Starts for Antonia_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (69, 11356), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

Gene: Apex_13 Start: 13527, Stop: 14321, Start Num: 13

Candidate Starts for Apex_13:

(Start: 13 @13527 has 381 MA's), (24, 13548), (51, 13659), (82, 13797), (92, 13851), (98, 13872), (103, 13893), (105, 13899), (122, 13986), (133, 14028), (163, 14124), (164, 14127), (171, 14166), (179, 14208), (188, 14250), (200, 14298),

Gene: Apizium_12 Start: 11307, Stop: 12110, Start Num: 13

Candidate Starts for Apizium_12:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

Gene: Arbitrator_16 Start: 14622, Stop: 15440, Start Num: 9

Candidate Starts for Arbitrator_16:

(Start: 9 @14622 has 32 MA's), (51, 14766), (Start: 70 @14847 has 1 MA's), (80, 14901), (82, 14907), (94, 14967), (104, 15006), (110, 15045), (122, 15084), (150, 15180), (163, 15228), (171, 15270), (177, 15306), (192, 15372),

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

Candidate Starts for Ares_16:

(Start: 9 @14535 has 32 MA's), (51, 14679), (Start: 70 @14760 has 1 MA's), (80, 14814), (82, 14820), (94, 14880), (104, 14919), (110, 14958), (122, 14997), (150, 15093), (163, 15141), (171, 15183), (177, 15219), (192, 15285),

Gene: Argie_11 Start: 12991, Stop: 13767, Start Num: 13

Candidate Starts for Argie_11:

(Start: 13 @12991 has 381 MA's), (31, 13012), (32, 13015), (37, 13033), (44, 13066), (52, 13120), (54, 13126), (62, 13159), (92, 13306), (99, 13330), (100, 13336), (119, 13420), (141, 13504), (155, 13546), (177, 13651), (180, 13657), (192, 13717),

Gene: Arri_23 Start: 14513, Stop: 15325, Start Num: 21

Candidate Starts for Arri_23:

(Start: 21 @14513 has 30 MA's), (46, 14594), (80, 14744), (110, 14891), (117, 14927), (145, 15041), (201, 15311),

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

Candidate Starts for Ashertheman_22:

(2, 16819), (4, 16825), (Start: 13 @16864 has 381 MA's), (Start: 17 @16873 has 2 MA's), (50, 16975), (72, 17065), (77, 17089), (102, 17206), (110, 17254), (120, 17305), (148, 17410), (153, 17428), (161, 17458), (165, 17479), (168, 17515), (174, 17545), (189, 17626), (194, 17644), (199, 17659),

Gene: Ashraf_12 Start: 11149, Stop: 11946, Start Num: 13

Candidate Starts for Ashraf_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

Gene: Athena_16 Start: 13903, Stop: 14712, Start Num: 11

Candidate Starts for Athena_16:

(Start: 11 @13903 has 45 MA's), (40, 13966), (51, 14029), (73, 14125), (82, 14173), (84, 14179), (92, 14227), (108, 14299), (114, 14329), (122, 14350), (137, 14410), (143, 14431), (163, 14497), (191, 14638), (192, 14641),

Gene: Audrey_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Audrey_15:

(Start: 11 @13140 has 45 MA's), (40, 13203), (51, 13266), (73, 13362), (82, 13410), (84, 13416), (92, 13464), (108, 13536), (114, 13566), (122, 13587), (137, 13647), (143, 13668), (163, 13734), (191, 13875), (192, 13878),

Gene: Austelle_14 Start: 13980, Stop: 14774, Start Num: 13

Candidate Starts for Austelle_14:

(Start: 13 @13980 has 381 MA's), (24, 14001), (31, 14013), (51, 14112), (82, 14250), (92, 14304), (98, 14325), (103, 14346), (105, 14352), (108, 14376), (122, 14439), (133, 14481), (163, 14577), (171, 14619), (179, 14661), (188, 14703), (200, 14751),

Gene: Axumite_12 Start: 11636, Stop: 12418, Start Num: 13

Candidate Starts for Axumite_12:

(Start: 13 @11636 has 381 MA's), (Start: 20 @11648 has 9 MA's), (44, 11726), (171, 12272), (172, 12287), (177, 12308), (186, 12350), (188, 12356), (197, 12395),

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

Candidate Starts for Baddon_21:

(Start: 13 @17711 has 381 MA's), (Start: 17 @17720 has 2 MA's), (50, 17822), (72, 17912), (77, 17936), (102, 18053), (110, 18101), (120, 18152), (134, 18206), (148, 18257), (153, 18275), (161, 18305), (165, 18326), (168, 18362), (174, 18392), (189, 18473), (190, 18476), (194, 18491), (199, 18506),

Gene: Badfish_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Badfish_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Bae_14 Start: 13351, Stop: 14157, Start Num: 13

Candidate Starts for Bae_14:

(Start: 13 @13351 has 381 MA's), (27, 13366), (36, 13393), (41, 13417), (47, 13441), (83, 13645), (84, 13648), (100, 13726), (107, 13756), (108, 13768), (124, 13831), (128, 13843), (163, 13960), (171, 14002), (179, 14044), (186, 14080),

Gene: Bakery_21 Start: 13726, Stop: 14538, Start Num: 21

Candidate Starts for Bakery_21:

(Start: 21 @13726 has 30 MA's), (46, 13807), (80, 13957), (107, 14077), (110, 14104), (145, 14254), (172, 14386), (201, 14524),

Gene: Baloo_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Baloo_15:

(Start: 11 @13140 has 45 MA's), (40, 13203), (51, 13266), (73, 13362), (82, 13410), (84, 13416), (92, 13464), (108, 13536), (114, 13566), (122, 13587), (137, 13647), (143, 13668), (163, 13734), (191, 13875), (192, 13878),

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

Candidate Starts for Bananafish_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: Banjo_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Banjo_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Barb_22 Start: 14500, Stop: 15312, Start Num: 21

Candidate Starts for Barb_22:

(Start: 21 @14500 has 30 MA's), (46, 14581), (80, 14731), (110, 14878), (117, 14914), (145, 15028), (201, 15298),

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

Candidate Starts for Barsten_22:

(Start: 13 @17286 has 381 MA's), (Start: 17 @17295 has 2 MA's), (50, 17400), (72, 17490), (77, 17514), (84, 17544), (88, 17568), (102, 17631), (110, 17679), (115, 17706), (148, 17835), (161, 17883), (168, 17940), (172, 17964), (174, 17970), (185, 18039), (189, 18051), (194, 18069), (199, 18084),

Gene: Basato_14 Start: 11836, Stop: 12639, Start Num: 13

Candidate Starts for Basato_14:

(Start: 13 @11836 has 381 MA's), (24, 11857), (31, 11869), (34, 11881), (69, 12043), (84, 12112), (92, 12160), (108, 12232), (120, 12277), (126, 12301), (139, 12352), (160, 12406), (171, 12463), (178, 12502),

Gene: BatteryCK_12 Start: 11155, Stop: 11952, Start Num: 13

Candidate Starts for BatteryCK_12:

(Start: 13 @11155 has 381 MA's), (24, 11176), (31, 11188), (34, 11200), (84, 11431), (92, 11479), (108, 11551), (120, 11596), (126, 11620), (139, 11671), (160, 11725), (171, 11782), (178, 11821),

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

Candidate Starts for Baumdotcom_21:

(Start: 13 @16480 has 381 MA's), (Start: 17 @16489 has 2 MA's), (50, 16591), (72, 16681), (102, 16822), (110, 16870), (120, 16921), (134, 16975), (148, 17026), (153, 17044), (161, 17074), (165, 17095), (168, 17131), (174, 17161), (189, 17242), (194, 17260), (199, 17275),

Gene: Beaglebox_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Beaglebox_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 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), (28, 15830), (42, 15884), (84, 16055), (85, 16067), (110, 16190), (138, 16313), (161, 16391), (168, 16448), (189, 16559),

Gene: Ben11_14 Start: 12964, Stop: 13773, Start Num: 11

Candidate Starts for Ben11_14:

(Start: 11 @12964 has 45 MA's), (40, 13027), (51, 13090), (73, 13186), (82, 13234), (84, 13240), (92, 13288), (108, 13360), (114, 13390), (122, 13411), (137, 13471), (143, 13492), (163, 13558), (191, 13699), (192, 13702),

Gene: Bernardo_15 Start: 13139, Stop: 13948, Start Num: 11

Candidate Starts for Bernardo_15:

(Start: 11 @13139 has 45 MA's), (40, 13202), (51, 13265), (73, 13361), (82, 13409), (84, 13415), (92, 13463), (108, 13535), (114, 13565), (122, 13586), (137, 13646), (143, 13667), (163, 13733), (191, 13874), (192, 13877),

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

Candidate Starts for Bibwit_22:

(Start: 13 @17521 has 381 MA's), (Start: 17 @17530 has 2 MA's), (50, 17635), (72, 17725), (77, 17749), (84, 17779), (88, 17803), (102, 17866), (110, 17914), (115, 17941), (148, 18070), (161, 18118), (168, 18175), (172, 18199), (174, 18205), (185, 18274), (189, 18286), (194, 18304), (199, 18319),

Gene: BiggityBass_11 Start: 11443, Stop: 12225, Start Num: 13

Candidate Starts for BiggityBass_11:

(Start: 13 @11443 has 381 MA's), (31, 11482), (44, 11536), (54, 11599), (94, 11776), (100, 11800), (166, 12055), (172, 12094), (192, 12181),

Gene: BirdsNest_18 Start: 12456, Stop: 13232, Start Num: 17

Candidate Starts for BirdsNest_18:

(Start: 17 @12456 has 2 MA's), (24, 12468), (33, 12483), (51, 12576), (83, 12720), (92, 12771), (111, 12861), (122, 12912), (163, 13041), (179, 13125), (188, 13167), (200, 13215),

Gene: Bishoperium_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Bishoperium_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

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

Candidate Starts for Bizzy_22:

(Start: 13 @16765 has 381 MA's), (Start: 17 @16774 has 2 MA's), (50, 16876), (72, 16966), (102, 17107), (110, 17155), (120, 17206), (134, 17260), (148, 17311), (153, 17329), (161, 17359), (165, 17380), (168, 17416), (174, 17446), (176, 17461), (189, 17527), (194, 17545), (199, 17560),

Gene: BlackStallion_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for BlackStallion_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

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

Candidate Starts for Blocker23_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (Start: 70 @14877 has 1 MA's), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: BlueHusk_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for BlueHusk_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Bluephacebaby_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Bluephacebaby_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

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

Candidate Starts for BobBob_19:

(Start: 13 @16143 has 381 MA's), (Start: 17 @16152 has 2 MA's), (50, 16257), (72, 16347), (84, 16401), (88, 16425), (102, 16488), (110, 16536), (115, 16563), (119, 16584), (122, 16593), (148, 16692), (161, 16740), (168, 16797), (172, 16821), (174, 16827), (185, 16896), (189, 16908), (194, 16926), (199, 16941),

Gene: BobRoss2024_11 Start: 11473, Stop: 12249, Start Num: 13

Candidate Starts for BobRoss2024_11:

(Start: 13 @11473 has 381 MA's), (31, 11512), (42, 11563), (52, 11617), (163, 12061), (177, 12139), (197, 12226),

Gene: BobbyK_13 Start: 13343, Stop: 14137, Start Num: 13

Candidate Starts for BobbyK_13:

(Start: 13 @13343 has 381 MA's), (24, 13364), (31, 13376), (51, 13475), (82, 13613), (92, 13667), (98, 13688), (103, 13709), (105, 13715), (122, 13802), (133, 13844), (163, 13940), (171, 13982), (179, 14024), (188, 14066), (200, 14114),

Gene: Boehler_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Boehler_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

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

Candidate Starts for Boyle_16:

(Start: 9 @14653 has 32 MA's), (51, 14797), (Start: 70 @14878 has 1 MA's), (80, 14932), (82, 14938), (94, 14998), (104, 15037), (110, 15076), (122, 15115), (150, 15211), (163, 15259), (171, 15301), (177, 15337), (192, 15403),

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

Candidate Starts for Brandonk123_23:

(Start: 13 @16835 has 381 MA's), (Start: 17 @16844 has 2 MA's), (50, 16949), (72, 17039), (77, 17063), (88, 17117), (102, 17180), (110, 17228), (115, 17255), (122, 17285), (148, 17384), (161, 17432), (168, 17489), (174, 17519), (185, 17588), (189, 17600), (194, 17618), (199, 17633),

Gene: Briakila_15 Start: 13905, Stop: 14714, Start Num: 11

Candidate Starts for Briakila_15:

(Start: 11 @13905 has 45 MA's), (40, 13968), (51, 14031), (73, 14127), (82, 14175), (84, 14181), (92, 14229), (108, 14301), (114, 14331), (117, 14334), (122, 14352), (137, 14412), (143, 14433), (163, 14499), (191, 14640), (192, 14643),

Gene: Brilliant_13 Start: 11308, Stop: 12105, Start Num: 13

Candidate Starts for Brilliant_13:

(Start: 13 @11308 has 381 MA's), (24, 11329), (31, 11341), (34, 11353), (69, 11515), (84, 11584), (92, 11632), (108, 11704), (120, 11749), (126, 11773), (139, 11824), (160, 11878), (171, 11935), (178, 11974),

Gene: BrownCNA_14 Start: 13597, Stop: 14391, Start Num: 13

Candidate Starts for BrownCNA_14:

(Start: 13 @13597 has 381 MA's), (24, 13618), (31, 13630), (51, 13729), (82, 13867), (92, 13921), (98, 13942), (103, 13963), (105, 13969), (108, 13993), (122, 14056), (133, 14098), (163, 14194), (171, 14236), (179, 14278), (188, 14320), (200, 14368),

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

Candidate Starts for Brownie5_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (Start: 70 @14877 has 1 MA's), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: Buckeye_13 Start: 11604, Stop: 12407, Start Num: 13

Candidate Starts for Buckeye_13:

(Start: 13 @11604 has 381 MA's), (24, 11625), (31, 11637), (34, 11649), (69, 11811), (84, 11880), (92, 11928), (108, 12000), (120, 12045), (126, 12069), (139, 12120), (160, 12174), (171, 12231), (178, 12270),

Gene: Burr_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Burr_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

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

Candidate Starts for CRB2_16:

(Start: 5 @14223 has 2 MA's), (24, 14262), (31, 14274), (71, 14457), (78, 14493), (82, 14505), (100, 14589), (163, 14829), (169, 14865), (171, 14871), (188, 14955), (197, 14994), (200, 15003),

Gene: CaiB_14 Start: 13114, Stop: 13887, Start Num: 13

Candidate Starts for CaiB_14:

(Start: 13 @13114 has 381 MA's), (51, 13246), (105, 13477), (119, 13543), (122, 13552), (163, 13696), (188, 13822), (191, 13837),

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

Candidate Starts for Calamitous_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: CamL_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for CamL_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: CampRoach_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for CampRoach_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Cannibal_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Cannibal_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Carthage_12 Start: 11277, Stop: 12080, Start Num: 13

Candidate Starts for Carthage_12:

(Start: 13 @11277 has 381 MA's), (24, 11298), (31, 11310), (34, 11322), (69, 11484), (84, 11553), (92, 11601), (108, 11673), (120, 11718), (126, 11742), (139, 11793), (160, 11847), (171, 11904), (178, 11943),

Gene: Casbah_14 Start: 12992, Stop: 13801, Start Num: 11

Candidate Starts for Casbah_14:

(Start: 11 @12992 has 45 MA's), (40, 13055), (51, 13118), (73, 13214), (82, 13262), (84, 13268), (92, 13316), (108, 13388), (114, 13418), (122, 13439), (137, 13499), (143, 13520), (163, 13586), (191, 13727), (192, 13730),

Gene: Cepens_10 Start: 12730, Stop: 13506, Start Num: 13

Candidate Starts for Cepens_10:

(Start: 13 @12730 has 381 MA's), (31, 12751), (32, 12754), (37, 12772), (44, 12805), (52, 12859), (54, 12865), (62, 12898), (92, 13045), (99, 13069), (100, 13075), (119, 13159), (141, 13243), (155, 13285), (177, 13390), (180, 13396), (192, 13456),

Gene: ChaChing_15 Start: 13155, Stop: 13964, Start Num: 11

Candidate Starts for ChaChing_15:

(Start: 11 @13155 has 45 MA's), (40, 13218), (51, 13281), (73, 13377), (82, 13425), (84, 13431), (92, 13479), (108, 13551), (114, 13581), (122, 13602), (137, 13662), (143, 13683), (163, 13749), (191, 13890), (192, 13893),

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

Candidate Starts for ChadMasterC_21:

(Start: 13 @17242 has 381 MA's), (Start: 17 @17251 has 2 MA's), (50, 17356), (72, 17446), (84, 17500), (88, 17524), (102, 17587), (110, 17635), (115, 17662), (148, 17791), (161, 17839), (168, 17896), (172, 17920), (174, 17926), (185, 17995), (189, 18007), (194, 18025), (199, 18040),

Gene: Chaelin_12 Start: 11263, Stop: 12066, Start Num: 13

Candidate Starts for Chaelin_12:

(Start: 13 @11263 has 381 MA's), (24, 11284), (31, 11296), (34, 11308), (69, 11470), (84, 11539), (92, 11587), (108, 11659), (120, 11704), (126, 11728), (139, 11779), (160, 11833), (171, 11890), (178, 11929),

Gene: Chah_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for Chah_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Chandler_15 Start: 13914, Stop: 14723, Start Num: 11

Candidate Starts for Chandler_15:

(Start: 11 @13914 has 45 MA's), (40, 13977), (51, 14040), (73, 14136), (82, 14184), (84, 14190), (92, 14238), (108, 14310), (114, 14340), (117, 14343), (122, 14361), (137, 14421), (143, 14442), (163, 14508), (191, 14649), (192, 14652),

Gene: Charles1_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Charles1_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: CharlieGBrown_12 Start: 11173, Stop: 11970, Start Num: 13

Candidate Starts for CharlieGBrown_12:

(Start: 13 @11173 has 381 MA's), (24, 11194), (31, 11206), (34, 11218), (84, 11449), (92, 11497), (108, 11569), (120, 11614), (126, 11638), (139, 11689), (160, 11743), (171, 11800), (178, 11839),

Gene: CharlottesWeb_12 Start: 11678, Stop: 12469, Start Num: 13

Candidate Starts for CharlottesWeb_12:

(Start: 13 @11678 has 381 MA's), (31, 11714), (44, 11768), (54, 11834), (86, 11972), (122, 12128), (163, 12272), (177, 12350), (191, 12413),

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

Candidate Starts for Charming_19:

(Start: 13 @16145 has 381 MA's), (Start: 17 @16154 has 2 MA's), (50, 16259), (72, 16349), (84, 16403), (88, 16427), (102, 16490), (110, 16538), (115, 16565), (119, 16586), (122, 16595), (148, 16694), (161, 16742), (168, 16799), (172, 16823), (174, 16829), (185, 16898), (189, 16910), (194, 16928), (199, 16943),

Gene: CheetO_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for CheetO_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Cher_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Cher_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

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

Candidate Starts for Chickadee_21:

(Start: 10 @15725 has 15 MA's), (55, 15881), (57, 15893), (79, 15971), (97, 16055), (107, 16097), (110, 16124), (134, 16226), (148, 16277), (172, 16406), (174, 16412), (177, 16433), (189, 16493), (192, 16508),

Gene: Childish_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Childish_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Chorkpop_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Chorkpop_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: ChrisnMich_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for ChrisnMich_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (188, 12975), (200, 13023),

Gene: Chunky_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Chunky_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Chute_12 Start: 11617, Stop: 12414, Start Num: 13

Candidate Starts for Chute_12:

(Start: 13 @11617 has 381 MA's), (24, 11638), (31, 11650), (34, 11662), (84, 11893), (92, 11941), (108, 12013), (120, 12058), (126, 12082), (139, 12133), (160, 12187), (171, 12244), (178, 12283),

Gene: ClamChowder_22 Start: 14500, Stop: 15312, Start Num: 21

Candidate Starts for ClamChowder_22:

(Start: 21 @14500 has 30 MA's), (46, 14581), (80, 14731), (110, 14878), (117, 14914), (145, 15028), (201, 15298),

Gene: Clawz_45 Start: 24999, Stop: 25766, Start Num: 13

Candidate Starts for Clawz_45:

(Start: 13 @24999 has 381 MA's), (47, 25101), (51, 25131), (59, 25161), (116, 25413), (125, 25449), (172, 25635),

Gene: CloverMinnie_14 Start: 13114, Stop: 13887, Start Num: 13

Candidate Starts for CloverMinnie_14:

(Start: 13 @13114 has 381 MA's), (51, 13246), (101, 13465), (105, 13477), (119, 13543), (122, 13552), (163, 13696), (188, 13822), (191, 13837),

Gene: Clown_24 Start: 16474, Stop: 17325, Start Num: 21

Candidate Starts for Clown_24:

(Start: 21 @16474 has 30 MA's), (30, 16492), (38, 16516), (46, 16549), (58, 16621), (75, 16684), (92, 16771), (103, 16813), (110, 16858), (138, 16984), (148, 17014), (157, 17044), (172, 17143), (179, 17170), (199, 17248), (201, 17266),

Gene: Cobra_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Cobra_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

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

Candidate Starts for Coffee_16:

(Start: 9 @14649 has 32 MA's), (51, 14793), (80, 14928), (82, 14934), (94, 14994), (104, 15033), (110, 15072), (122, 15111), (150, 15207), (163, 15255), (171, 15297), (177, 15333), (192, 15399),

Gene: Colbert_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Colbert_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: ColdSoup_46 Start: 25052, Stop: 25819, Start Num: 13

Candidate Starts for ColdSoup_46:

(Start: 13 @25052 has 381 MA's), (39, 25118), (47, 25154), (87, 25325), (88, 25328), (116, 25466), (119, 25478), (128, 25508), (134, 25532), (172, 25688), (174, 25694), (182, 25733), (191, 25772), (198, 25799),

Gene: Coldpizza_13 Start: 13595, Stop: 14395, Start Num: 13

Candidate Starts for Coldpizza_13:

(Start: 13 @13595 has 381 MA's), (95, 13931), (122, 14042), (171, 14228), (179, 14270), (188, 14312),

Gene: Coletti_12 Start: 11617, Stop: 12414, Start Num: 13

Candidate Starts for Coletti_12:

(Start: 13 @11617 has 381 MA's), (24, 11638), (31, 11650), (34, 11662), (84, 11893), (92, 11941), (108, 12013), (120, 12058), (126, 12082), (139, 12133), (160, 12187), (171, 12244), (178, 12283),

Gene: Compostia_16 Start: 13573, Stop: 14382, Start Num: 11

Candidate Starts for Compostia_16:

(Start: 11 @13573 has 45 MA's), (40, 13636), (51, 13699), (73, 13795), (82, 13843), (84, 13849), (92, 13897), (108, 13969), (114, 13999), (117, 14002), (122, 14020), (137, 14080), (143, 14101), (163, 14167), (191, 14308), (192, 14311),

Gene: Cooper_13 Start: 12350, Stop: 13141, Start Num: 13

Candidate Starts for Cooper_13:

(Start: 13 @12350 has 381 MA's), (24, 12362), (29, 12371), (43, 12428), (51, 12473), (68, 12551), (82, 12611), (92, 12665), (98, 12686), (103, 12707), (105, 12713), (133, 12842), (139, 12869), (160, 12929), (163, 12944), (166, 12962), (171, 12986), (179, 13028), (200, 13118),

Gene: Cornobble_12 Start: 11150, Stop: 11953, Start Num: 13

Candidate Starts for Cornobble_12:

(Start: 13 @11150 has 381 MA's), (24, 11171), (31, 11183), (34, 11195), (69, 11357), (84, 11426), (92, 11474), (108, 11546), (120, 11591), (126, 11615), (139, 11666), (160, 11720), (171, 11777), (178, 11816),

Gene: Corofin_15 Start: 13165, Stop: 13974, Start Num: 11

Candidate Starts for Corofin_15:

(Start: 11 @13165 has 45 MA's), (40, 13228), (51, 13291), (73, 13387), (82, 13435), (84, 13441), (92, 13489), (108, 13561), (114, 13591), (117, 13594), (122, 13612), (137, 13672), (143, 13693), (163, 13759), (191, 13900), (192, 13903),

Gene: Cosmolli16_12 Start: 11307, Stop: 12110, Start Num: 13

Candidate Starts for Cosmolli16_12:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

Gene: CoveyB_23 Start: 14345, Stop: 15157, Start Num: 21

Candidate Starts for CoveyB_23:

(Start: 21 @14345 has 30 MA's), (46, 14426), (80, 14576), (110, 14723), (117, 14759), (145, 14873), (201, 15143),

Gene: Craff_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Craff_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Crownjwl_13 Start: 11387, Stop: 12190, Start Num: 13

Candidate Starts for Crownjwl_13:

(Start: 13 @11387 has 381 MA's), (24, 11408), (31, 11420), (34, 11432), (69, 11594), (84, 11663), (92, 11711), (108, 11783), (120, 11828), (126, 11852), (139, 11903), (160, 11957), (171, 12014), (178, 12053),

Gene: D12_10 Start: 12708, Stop: 13484, Start Num: 13

Candidate Starts for D12_10:

(Start: 13 @12708 has 381 MA's), (31, 12729), (32, 12732), (37, 12750), (44, 12783), (52, 12837), (54, 12843), (62, 12876), (92, 13023), (99, 13047), (100, 13053), (119, 13137), (141, 13221), (155, 13263), (177, 13368), (180, 13374), (192, 13434),

Gene: DaddyDaniels_13 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for DaddyDaniels_13:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: Daffy_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Daffy_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Daisy_15 Start: 13161, Stop: 13970, Start Num: 11

Candidate Starts for Daisy_15:

(Start: 11 @13161 has 45 MA's), (40, 13224), (51, 13287), (73, 13383), (82, 13431), (84, 13437), (92, 13485), (108, 13557), (114, 13587), (117, 13590), (122, 13608), (137, 13668), (143, 13689), (163, 13755), (191, 13896), (192, 13899),

Gene: Daka_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Daka_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Danyall_22 Start: 14345, Stop: 15157, Start Num: 21

Candidate Starts for Danyall_22:

(Start: 21 @14345 has 30 MA's), (46, 14426), (80, 14576), (110, 14723), (117, 14759), (145, 14873), (201, 15143),

Gene: Dati_13 Start: 11303, Stop: 12106, Start Num: 13

Candidate Starts for Dati_13:

(Start: 13 @11303 has 381 MA's), (24, 11324), (31, 11336), (34, 11348), (69, 11510), (84, 11579), (92, 11627), (108, 11699), (120, 11744), (126, 11768), (139, 11819), (160, 11873), (171, 11930), (178, 11969),

Gene: Deenasa_15 Start: 13903, Stop: 14712, Start Num: 11

Candidate Starts for Deenasa_15:

(Start: 11 @13903 has 45 MA's), (40, 13966), (51, 14029), (73, 14125), (82, 14173), (84, 14179), (92, 14227), (108, 14299), (114, 14329), (122, 14350), (137, 14410), (143, 14431), (163, 14497), (191, 14638), (192, 14641),

Gene: DelRivs_12 Start: 11308, Stop: 12111, Start Num: 13

Candidate Starts for DelRivs_12:

(Start: 13 @11308 has 381 MA's), (24, 11329), (31, 11341), (34, 11353), (69, 11515), (84, 11584), (92, 11632), (108, 11704), (120, 11749), (126, 11773), (139, 11824), (160, 11878), (171, 11935), (178, 11974),

Gene: Delrey21_22 Start: 17000, Stop: 17824, Start Num: 20

Candidate Starts for Delrey21_22:

(Start: 20 @17000 has 9 MA's), (42, 17072), (84, 17255), (91, 17282), (96, 17312), (110, 17384), (113, 17405), (134, 17486), (148, 17537), (154, 17558), (161, 17585), (168, 17642), (172, 17666), (174, 17672), (176, 17687), (177, 17693), (195, 17774), (199, 17786),

Gene: Derg_19 Start: 16357, Stop: 17184, Start Num: 13

Candidate Starts for Derg_19:

(Start: 13 @16357 has 381 MA's), (Start: 17 @16366 has 2 MA's), (50, 16468), (72, 16558), (77, 16582), (102, 16699), (110, 16747), (120, 16798), (134, 16852), (148, 16903), (153, 16921), (161, 16951), (165, 16972), (168, 17008), (174, 17038), (176, 17053), (189, 17119), (194, 17137), (199, 17152), (201, 17170),

Gene: Derpp_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Derpp_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Devonte_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Devonte_15:

(Start: 11 @13140 has 45 MA's), (40, 13203), (51, 13266), (73, 13362), (82, 13410), (84, 13416), (92, 13464), (108, 13536), (114, 13566), (122, 13587), (137, 13647), (143, 13668), (163, 13734), (191, 13875), (192, 13878),

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

Candidate Starts for Dxdert_22:

(Start: 10 @16169 has 15 MA's), (55, 16325), (57, 16337), (97, 16499), (107, 16541), (110, 16568), (134, 16670), (148, 16721), (172, 16850), (174, 16856), (177, 16877), (189, 16937), (192, 16952),

Gene: Dice_12 Start: 11308, Stop: 12105, Start Num: 13

Candidate Starts for Dice_12:

(Start: 13 @11308 has 381 MA's), (24, 11329), (31, 11341), (34, 11353), (69, 11515), (84, 11584), (92, 11632), (108, 11704), (120, 11749), (126, 11773), (139, 11824), (160, 11878), (171, 11935), (178, 11974),

Gene: DigitDog_14 Start: 13334, Stop: 14140, Start Num: 13

Candidate Starts for DigitDog_14:

(Start: 13 @13334 has 381 MA's), (47, 13424), (83, 13628), (100, 13709), (108, 13751), (124, 13814), (128, 13826), (144, 13886), (163, 13943), (171, 13985), (186, 14063), (200, 14117),

Gene: Dingo_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Dingo_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Dione_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Dione_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: DirtJuice_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for DirtJuice_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: DoctorFroggo_22 Start: 17000, Stop: 17824, Start Num: 20

Candidate Starts for DoctorFroggo_22:

(Start: 20 @17000 has 9 MA's), (42, 17072), (84, 17255), (91, 17282), (96, 17312), (110, 17384), (113, 17405), (134, 17486), (148, 17537), (154, 17558), (161, 17585), (168, 17642), (172, 17666), (174, 17672), (176, 17687), (177, 17693), (195, 17774), (199, 17786),

Gene: Doddsville_13 Start: 11303, Stop: 12106, Start Num: 13

Candidate Starts for Doddsville_13:

(Start: 13 @11303 has 381 MA's), (24, 11324), (31, 11336), (34, 11348), (69, 11510), (84, 11579), (92, 11627), (108, 11699), (120, 11744), (126, 11768), (139, 11819), (160, 11873), (171, 11930), (178, 11969),

Gene: DoesntMatter_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for DoesntMatter_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: DonSanchon_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for DonSanchon_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: DonTron_45 Start: 25122, Stop: 25889, Start Num: 13

Candidate Starts for DonTron_45:

(Start: 13 @25122 has 381 MA's), (39, 25188), (47, 25224), (87, 25395), (88, 25398), (119, 25548), (134, 25602), (172, 25758), (174, 25764), (191, 25842), (198, 25869),

Gene: Donny_14 Start: 13351, Stop: 14157, Start Num: 13

Candidate Starts for Donny_14:

(Start: 13 @13351 has 381 MA's), (27, 13366), (36, 13393), (47, 13441), (100, 13726), (108, 13768), (112, 13786), (117, 13804), (124, 13831), (128, 13843), (144, 13903), (163, 13960), (166, 13978), (171, 14002), (179, 14044), (186, 14080),

Gene: Dori_11 Start: 10375, Stop: 11223, Start Num: 13

Candidate Starts for Dori_11:

(Start: 13 @10375 has 381 MA's), (27, 10390), (51, 10501), (54, 10513), (62, 10546), (84, 10648), (92, 10696), (105, 10744), (108, 10768), (119, 10810), (126, 10837), (148, 10912), (152, 10918), (160, 10948), (163, 10963), (166, 10981), (179, 11047), (181, 11059), (186, 11083), (191, 11104), (200, 11137),

Gene: DuchessDung_12 Start: 11155, Stop: 11952, Start Num: 13

Candidate Starts for DuchessDung_12:

(Start: 13 @11155 has 381 MA's), (24, 11176), (31, 11188), (34, 11200), (84, 11431), (92, 11479), (108, 11551), (120, 11596), (126, 11620), (139, 11671), (160, 11725), (171, 11782), (178, 11821),

Gene: Duggie_12 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for Duggie_12:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: Durga_13 Start: 11616, Stop: 12413, Start Num: 13

Candidate Starts for Durga_13:

(Start: 13 @11616 has 381 MA's), (24, 11637), (31, 11649), (34, 11661), (69, 11823), (84, 11892), (92, 11940), (108, 12012), (120, 12057), (126, 12081), (139, 12132), (160, 12186), (171, 12243), (178, 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), (23, 15072), (28, 15078), (42, 15132), (84, 15303), (85, 15315), (102, 15390), (110, 15438), (120, 15486), (134, 15540), (150, 15594), (161, 15639), (168, 15696), (189, 15807),

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

Candidate Starts for Eaglehorse_16:

(Start: 9 @14556 has 32 MA's), (51, 14700), (Start: 70 @14781 has 1 MA's), (80, 14835), (82, 14841), (94, 14901), (104, 14940), (110, 14979), (122, 15018), (150, 15114), (163, 15162), (171, 15204), (177, 15240), (192, 15306),

Gene: EarickHC_28 Start: 15751, Stop: 16398, Start Num: 70

Candidate Starts for EarickHC_28:

(26, 15568), (51, 15679), (Start: 70 @15751 has 1 MA's), (84, 15811), (110, 15961), (120, 16012), (124, 16027), (134, 16066), (135, 16075), (138, 16087), (185, 16309), (199, 16363),

Gene: EastView9101_14 Start: 13358, Stop: 14164, Start Num: 13

Candidate Starts for EastView9101_14:

(Start: 13 @13358 has 381 MA's), (27, 13373), (36, 13400), (47, 13448), (84, 13655), (92, 13703), (100, 13733), (108, 13775), (112, 13793), (117, 13811), (124, 13838), (128, 13850), (144, 13910), (163, 13967), (171, 14009), (186, 14087),

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

Candidate Starts for EdmundFerry_20:

(Start: 10 @15753 has 15 MA's), (55, 15909), (57, 15921), (79, 15999), (97, 16083), (107, 16125), (110, 16152), (134, 16254), (138, 16275), (148, 16305), (172, 16434), (174, 16440), (177, 16461), (189, 16521),

Gene: Emiris_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Emiris_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: EmpTee_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for EmpTee_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Epah_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Epah_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

Gene: Eremos_13 Start: 11596, Stop: 12399, Start Num: 13

Candidate Starts for Eremos_13:

(Start: 13 @11596 has 381 MA's), (24, 11617), (31, 11629), (34, 11641), (69, 11803), (84, 11872), (92, 11920), (108, 11992), (120, 12037), (126, 12061), (139, 12112), (160, 12166), (171, 12223), (178, 12262),

Gene: Etaye_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Etaye_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Eugenia_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Eugenia_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Evaa_13 Start: 12976, Stop: 13755, Start Num: 13

Candidate Starts for Evaa_13:

(Start: 13 @12976 has 381 MA's), (95, 13312), (122, 13420), (152, 13519), (163, 13564), (171, 13606), (179, 13648),

Gene: Evamon_20 Start: 13832, Stop: 14644, Start Num: 21

Candidate Starts for Evamon_20:

(Start: 21 @13832 has 30 MA's), (46, 13913), (80, 14063), (110, 14210), (117, 14246), (145, 14360), (201, 14630),

Gene: Fanaw_13 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Fanaw_13:

(Start: 13 @13346 has 381 MA's), (24, 13367), (51, 13478), (82, 13616), (98, 13691), (105, 13718), (108, 13742), (122, 13805), (133, 13847), (163, 13943), (164, 13946), (171, 13985), (179, 14027), (188, 14069), (200, 14117),

Gene: Fang_13 Start: 11606, Stop: 12403, Start Num: 13

Candidate Starts for Fang_13:

(Start: 13 @11606 has 381 MA's), (24, 11627), (31, 11639), (34, 11651), (69, 11813), (84, 11882), (92, 11930), (108, 12002), (120, 12047), (126, 12071), (139, 12122), (160, 12176), (171, 12233), (178, 12272),

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

Candidate Starts for Faze9_16:

(Start: 9 @14649 has 32 MA's), (51, 14793), (Start: 70 @14874 has 1 MA's), (80, 14928), (82, 14934), (94, 14994), (104, 15033), (110, 15072), (122, 15111), (150, 15207), (163, 15255), (171, 15297), (177, 15333), (192, 15399),

Gene: Fireball_21 Start: 13964, Stop: 14776, Start Num: 21

Candidate Starts for Fireball_21:

(Start: 21 @13964 has 30 MA's), (46, 14045), (80, 14195), (110, 14342), (117, 14378), (145, 14492), (201, 14762),

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

Candidate Starts for Fitzgerald_19:

(Start: 13 @16571 has 381 MA's), (Start: 17 @16580 has 2 MA's), (50, 16685), (72, 16775), (84, 16829), (88, 16853), (102, 16916), (110, 16964), (148, 17120), (161, 17168), (168, 17225), (172, 17249), (174, 17255), (185, 17324), (189, 17336), (194, 17354), (199, 17369),

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

Candidate Starts for Flatwoods_22:

(Start: 13 @16784 has 381 MA's), (Start: 17 @16793 has 2 MA's), (50, 16895), (72, 16985), (77, 17009), (102, 17126), (110, 17174), (120, 17225), (134, 17279), (148, 17330), (153, 17348), (161, 17378), (165, 17399), (168, 17435), (174, 17465), (176, 17480), (189, 17546), (194, 17564), (199, 17579), (201, 17597),

Gene: FluffyNinja_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for FluffyNinja_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Fortunato_13 Start: 13340, Stop: 14134, Start Num: 13

Candidate Starts for Fortunato_13:

(Start: 13 @13340 has 381 MA's), (24, 13361), (51, 13472), (82, 13610), (92, 13664), (98, 13685), (103, 13706), (105, 13712), (122, 13799), (133, 13841), (163, 13937), (164, 13940), (171, 13979), (179, 14021), (188, 14063), (200, 14111),

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

Candidate Starts for Fosterous_19:

(Start: 13 @17034 has 381 MA's), (Start: 17 @17043 has 2 MA's), (50, 17148), (58, 17196), (72, 17238), (77, 17262), (84, 17292), (88, 17316), (102, 17379), (110, 17427), (148, 17583), (161, 17631), (168, 17688), (172, 17712), (174, 17718), (185, 17787), (189, 17799), (194, 17817), (199, 17832),

Gene: Fozzie_12 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Fozzie_12:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Frankicide_13 Start: 11604, Stop: 12407, Start Num: 13

Candidate Starts for Frankicide_13:

(Start: 13 @11604 has 381 MA's), (24, 11625), (31, 11637), (34, 11649), (69, 11811), (84, 11880), (92, 11928), (108, 12000), (120, 12045), (126, 12069), (139, 12120), (160, 12174), (171, 12231), (178, 12270),

Gene: Frederick_13 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Frederick_13:

(Start: 13 @13346 has 381 MA's), (24, 13367), (31, 13379), (51, 13478), (82, 13616), (92, 13670), (98, 13691), (103, 13712), (105, 13718), (122, 13805), (133, 13847), (163, 13943), (171, 13985), (179, 14027), (188, 14069), (200, 14117),

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

Candidate Starts for FrenchFry_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (52, 14802), (Start: 70 @14877 has 1 MA's), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: Fresco_12 Start: 11636, Stop: 12418, Start Num: 13

Candidate Starts for Fresco_12:

(Start: 13 @11636 has 381 MA's), (Start: 20 @11648 has 9 MA's), (44, 11726), (171, 12272), (172, 12287), (177, 12308), (186, 12350), (188, 12356), (197, 12395),

Gene: Freya_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Freya_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: FriarPreacher_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for FriarPreacher_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Fringe_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Fringe_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: FugateOSU_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for FugateOSU_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Fugax_22 Start: 14500, Stop: 15312, Start Num: 21

Candidate Starts for Fugax_22:

(Start: 21 @14500 has 30 MA's), (46, 14581), (80, 14731), (110, 14878), (117, 14914), (145, 15028), (201, 15298),

Gene: Funsized_18 Start: 15411, Stop: 16229, Start Num: 13

Candidate Starts for Funsized_18:

(Start: 13 @15411 has 381 MA's), (24, 15441), (31, 15453), (49, 15531), (84, 15699), (90, 15729), (106, 15804), (122, 15876), (132, 15915), (144, 15960), (148, 15966), (155, 15987), (159, 15993), (177, 16104), (191, 16167),

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

Candidate Starts for GTE6_21:

(Start: 10 @16242 has 15 MA's), (55, 16398), (57, 16410), (79, 16488), (97, 16572), (107, 16614), (110, 16641), (134, 16743), (148, 16794), (172, 16923), (174, 16929), (177, 16950), (189, 17010), (192, 17025), (199, 17043),

Gene: Gadget_16 Start: 13144, Stop: 13953, Start Num: 11

Candidate Starts for Gadget_16:

(Start: 11 @13144 has 45 MA's), (40, 13207), (51, 13270), (73, 13366), (82, 13414), (84, 13420), (92, 13468), (108, 13540), (114, 13570), (122, 13591), (137, 13651), (143, 13672), (163, 13738), (191, 13879), (192, 13882),

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

Candidate Starts for Gaea_21:

(Start: 13 @16472 has 381 MA's), (Start: 17 @16481 has 2 MA's), (50, 16583), (72, 16673), (102, 16814), (110, 16862), (120, 16913), (134, 16967), (148, 17018), (153, 17036), (161, 17066), (165, 17087), (168, 17123), (174, 17153), (189, 17234), (194, 17252), (199, 17267),

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

Candidate Starts for Galadriel_23:

(Start: 13 @16884 has 381 MA's), (Start: 17 @16893 has 2 MA's), (50, 16998), (72, 17088), (84, 17142), (88, 17166), (102, 17229), (110, 17277), (115, 17304), (122, 17334), (148, 17433), (161, 17481), (168, 17538), (172, 17562), (174, 17568), (185, 17637), (189, 17649), (194, 17667), (199, 17682),

Gene: Gareth_12 Start: 11306, Stop: 12103, Start Num: 13

Candidate Starts for Gareth_12:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: GeneCoco_13 Start: 11608, Stop: 12405, Start Num: 13

Candidate Starts for GeneCoco_13:

(Start: 13 @11608 has 381 MA's), (24, 11629), (31, 11641), (34, 11653), (69, 11815), (84, 11884), (92, 11932), (108, 12004), (120, 12049), (126, 12073), (139, 12124), (160, 12178), (171, 12235), (178, 12274),

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

Candidate Starts for Geodirt_20:

(Start: 13 @17101 has 381 MA's), (Start: 17 @17110 has 2 MA's), (50, 17215), (72, 17305), (77, 17329), (84, 17359), (88, 17383), (102, 17446), (110, 17494), (115, 17521), (148, 17650), (161, 17698), (168, 17755), (174, 17785), (185, 17854), (189, 17866), (194, 17884), (199, 17899),

Gene: Gervas_15 Start: 13123, Stop: 13932, Start Num: 11

Candidate Starts for Gervas_15:

(Start: 11 @13123 has 45 MA's), (40, 13186), (51, 13249), (73, 13345), (82, 13393), (84, 13399), (92, 13447), (108, 13519), (114, 13549), (122, 13570), (137, 13630), (143, 13651), (163, 13717), (191, 13858), (192, 13861),

Gene: Gezellig_21 Start: 13964, Stop: 14776, Start Num: 21

Candidate Starts for Gezellig_21:

(Start: 21 @13964 has 30 MA's), (46, 14045), (80, 14195), (110, 14342), (117, 14378), (145, 14492), (201, 14762),

Gene: GinPorsche_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for GinPorsche_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

Gene: Giraffe_13 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Giraffe_13:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

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

Candidate Starts for Glass_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (52, 14802), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: GlenHope_16 Start: 13130, Stop: 13939, Start Num: 11

Candidate Starts for GlenHope_16:

(Start: 11 @13130 has 45 MA's), (40, 13193), (51, 13256), (73, 13352), (82, 13400), (84, 13406), (92, 13454), (108, 13526), (114, 13556), (122, 13577), (137, 13637), (143, 13658), (163, 13724), (191, 13865), (192, 13868),

Gene: GodPhather_11 Start: 12988, Stop: 13764, Start Num: 13

Candidate Starts for GodPhather_11:

(Start: 13 @12988 has 381 MA's), (31, 13009), (32, 13012), (37, 13030), (44, 13063), (52, 13117), (54, 13123), (62, 13156), (92, 13303), (99, 13327), (100, 13333), (119, 13417), (141, 13501), (155, 13543), (177, 13648), (180, 13654), (192, 13714),

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

Candidate Starts for Godines_16:

(Start: 9 @14535 has 32 MA's), (51, 14679), (80, 14814), (82, 14820), (94, 14880), (104, 14919), (110, 14958), (122, 14997), (150, 15093), (163, 15141), (171, 15183), (177, 15219), (192, 15285),

Gene: Gophee_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Gophee_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Grand2040_12 Start: 11307, Stop: 12110, Start Num: 13

Candidate Starts for Grand2040_12:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

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

Candidate Starts for Gustavo_21:

(Start: 13 @16571 has 381 MA's), (Start: 17 @16580 has 2 MA's), (50, 16682), (72, 16772), (102, 16913), (110, 16961), (120, 17012), (134, 17066), (148, 17117), (153, 17135), (161, 17165), (165, 17186), (168, 17222), (174, 17252), (189, 17333), (194, 17351), (199, 17366),

Gene: Gwilliam_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Gwilliam_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Gyarad_0013 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Gyarad_0013:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: HSavage_13 Start: 11604, Stop: 12407, Start Num: 13

Candidate Starts for HSavage_13:

(Start: 13 @11604 has 381 MA's), (24, 11625), (31, 11637), (34, 11649), (69, 11811), (84, 11880), (92, 11928), (108, 12000), (120, 12045), (126, 12069), (139, 12120), (160, 12174), (171, 12231), (178, 12270),

Gene: Haimas_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Haimas_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Haleema_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Haleema_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Halfpint_14 Start: 12965, Stop: 13774, Start Num: 11

Candidate Starts for Halfpint_14:

(Start: 11 @12965 has 45 MA's), (40, 13028), (51, 13091), (73, 13187), (82, 13235), (84, 13241), (92, 13289), (108, 13361), (114, 13391), (122, 13412), (137, 13472), (143, 13493), (163, 13559), (191, 13700), (192, 13703),

Gene: Hally898_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Hally898_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

Gene: Halo3_21 Start: 14285, Stop: 15097, Start Num: 21

Candidate Starts for Halo3_21:

(Start: 21 @14285 has 30 MA's), (46, 14366), (80, 14516), (107, 14636), (110, 14663), (145, 14813), (172, 14945), (201, 15083),

Gene: Hamish_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Hamish_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Hangman_13 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Hangman_13:

(Start: 13 @13346 has 381 MA's), (24, 13367), (31, 13379), (51, 13478), (82, 13616), (92, 13670), (98, 13691), (103, 13712), (105, 13718), (108, 13742), (122, 13805), (133, 13847), (163, 13943), (171, 13985), (179, 14027), (188, 14069), (200, 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), (23, 17368), (28, 17374), (42, 17428), (84, 17599), (85, 17611), (102, 17686), (110, 17734), (134, 17836), (150, 17890), (161, 17935), (168, 17992), (189, 18103),

Gene: Hartsy_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Hartsy_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Harvey_13 Start: 11606, Stop: 12409, Start Num: 13

Candidate Starts for Harvey_13:

(Start: 13 @11606 has 381 MA's), (24, 11627), (31, 11639), (34, 11651), (69, 11813), (84, 11882), (92, 11930), (108, 12002), (120, 12047), (126, 12071), (139, 12122), (160, 12176), (171, 12233), (178, 12272),

Gene: HarveySr_15 Start: 13117, Stop: 13926, Start Num: 11

Candidate Starts for HarveySr_15:

(Start: 11 @13117 has 45 MA's), (40, 13180), (51, 13243), (73, 13339), (82, 13387), (84, 13393), (92, 13441), (108, 13513), (114, 13543), (117, 13546), (122, 13564), (137, 13624), (143, 13645), (163, 13711), (191, 13852), (192, 13855),

Gene: Hashim76_18 Start: 12742, Stop: 13515, Start Num: 24

Candidate Starts for Hashim76_18:

(Start: 17 @12730 has 2 MA's), (24, 12742), (51, 12850), (52, 12856), (69, 12928), (83, 12994), (92, 13045), (122, 13186), (171, 13366), (179, 13408), (188, 13450), (200, 13498),

Gene: Heath_13 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Heath_13:

(Start: 13 @13346 has 381 MA's), (24, 13367), (31, 13379), (51, 13478), (82, 13616), (92, 13670), (98, 13691), (103, 13712), (105, 13718), (122, 13805), (133, 13847), (163, 13943), (164, 13946), (171, 13985), (179, 14027), (188, 14069), (200, 14117),

Gene: Heathcliff_15 Start: 13102, Stop: 13911, Start Num: 11

Candidate Starts for Heathcliff_15:

(Start: 11 @13102 has 45 MA's), (40, 13165), (51, 13228), (73, 13324), (82, 13372), (84, 13378), (92, 13426), (108, 13498), (114, 13528), (117, 13531), (122, 13549), (137, 13609), (143, 13630), (163, 13696), (191, 13837), (192, 13840),

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

Candidate Starts for Hedgerow_16:

(Start: 9 @14634 has 32 MA's), (51, 14778), (Start: 70 @14859 has 1 MA's), (80, 14913), (82, 14919), (94, 14979), (104, 15018), (110, 15057), (122, 15096), (150, 15192), (163, 15240), (171, 15282), (177, 15318), (192, 15384),

Gene: Held_13 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for Held_13:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: HenryJackson_12 Start: 11312, Stop: 12115, Start Num: 13

Candidate Starts for HenryJackson_12:

(Start: 13 @11312 has 381 MA's), (24, 11333), (31, 11345), (34, 11357), (69, 11519), (84, 11588), (92, 11636), (108, 11708), (120, 11753), (126, 11777), (139, 11828), (160, 11882), (171, 11939), (178, 11978),

Gene: Hertubise_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Hertubise_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Hetaeria_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Hetaeria_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: HighStump_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for HighStump_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Hocus_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Hocus_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

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

Candidate Starts for Holeinone_16:

(Start: 9 @14534 has 32 MA's), (51, 14678), (80, 14813), (82, 14819), (94, 14879), (104, 14918), (110, 14957), (122, 14996), (150, 15092), (163, 15140), (171, 15182), (177, 15218), (192, 15284),

Gene: Horchata_13 Start: 11601, Stop: 12404, Start Num: 13

Candidate Starts for Horchata_13:

(Start: 13 @11601 has 381 MA's), (24, 11622), (31, 11634), (34, 11646), (69, 11808), (84, 11877), (92, 11925), (108, 11997), (120, 12042), (126, 12066), (139, 12117), (160, 12171), (171, 12228), (178, 12267),

Gene: Hosp_09 Start: 10034, Stop: 10801, Start Num: 13

Candidate Starts for Hosp_09:

(Start: 13 @10034 has 381 MA's), (24, 10055), (82, 10295), (98, 10370), (116, 10451), (163, 10610), (166, 10628), (181, 10706), (188, 10736),

Gene: Hydro_13 Start: 13343, Stop: 14137, Start Num: 13

Candidate Starts for Hydro_13:

(Start: 13 @13343 has 381 MA's), (24, 13364), (31, 13376), (51, 13475), (82, 13613), (92, 13667), (98, 13688), (103, 13709), (105, 13715), (108, 13739), (122, 13802), (133, 13844), (163, 13940), (171, 13982), (179, 14024), (188, 14066), (200, 14114),

Gene: ImtiyazSitla_12 Start: 11149, Stop: 11946, Start Num: 13

Candidate Starts for ImtiyazSitla_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

Gene: Imvubu_10 Start: 10724, Stop: 11518, Start Num: 13

Candidate Starts for Imvubu_10:

(Start: 13 @10724 has 381 MA's), (31, 10748), (62, 10889), (84, 10988), (104, 11081), (105, 11084), (110, 11135), (122, 11183), (132, 11222), (140, 11252), (166, 11339), (171, 11363),

Gene: Inchworm_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Inchworm_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Indlovu_13 Start: 13063, Stop: 13839, Start Num: 16

Candidate Starts for Indlovu_13:

(Start: 16 @13063 has 1 MA's), (24, 13075), (104, 13423), (128, 13531), (150, 13600), (163, 13648), (169, 13684), (171, 13690), (177, 13726), (192, 13792), (200, 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), (23, 17793), (28, 17799), (42, 17853), (84, 18024), (85, 18036), (102, 18111), (110, 18159), (134, 18261), (150, 18315), (161, 18360), (168, 18417), (189, 18528),

Gene: Inverness_13 Start: 11604, Stop: 12407, Start Num: 13

Candidate Starts for Inverness_13:

(Start: 13 @11604 has 381 MA's), (24, 11625), (31, 11637), (34, 11649), (69, 11811), (84, 11880), (92, 11928), (108, 12000), (120, 12045), (126, 12069), (139, 12120), (160, 12174), (171, 12231), (178, 12270),

Gene: Iridoclysis_13 Start: 11606, Stop: 12403, Start Num: 13

Candidate Starts for Iridoclysis_13:

(Start: 13 @11606 has 381 MA's), (24, 11627), (31, 11639), (34, 11651), (69, 11813), (84, 11882), (92, 11930), (108, 12002), (120, 12047), (126, 12071), (139, 12122), (160, 12176), (171, 12233), (178, 12272),

Gene: IsaacEli_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for IsaacEli_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

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

Candidate Starts for ItsyBitsy1_16:

(Start: 9 @14526 has 32 MA's), (51, 14670), (Start: 70 @14751 has 1 MA's), (80, 14805), (82, 14811), (94, 14871), (104, 14910), (110, 14949), (122, 14988), (150, 15084), (163, 15132), (171, 15174), (177, 15210), (192, 15276),

Gene: JAMaL_13 Start: 13517, Stop: 14314, Start Num: 13

Candidate Starts for JAMaL_13:

(Start: 13 @13517 has 381 MA's), (24, 13535), (29, 13544), (43, 13601), (51, 13646), (82, 13784), (92, 13838), (98, 13859), (103, 13880), (105, 13886), (133, 14015), (160, 14102), (163, 14117), (166, 14135), (171, 14159), (179, 14201), (188, 14243), (200, 14291),

Gene: JDog_12 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for JDog_12:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

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

Candidate Starts for JKSyngboy_20:

(Start: 13 @17230 has 381 MA's), (Start: 17 @17239 has 2 MA's), (50, 17341), (77, 17455), (102, 17572), (110, 17620), (120, 17671), (134, 17725), (148, 17776), (153, 17794), (161, 17824), (165, 17845), (168, 17881), (174, 17911), (189, 17992), (194, 18010), (199, 18025),

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

Candidate Starts for Jabberwocky_19:

(Start: 13 @17005 has 381 MA's), (Start: 17 @17014 has 2 MA's), (50, 17119), (72, 17209), (84, 17263), (88, 17287), (102, 17350), (110, 17398), (115, 17425), (148, 17554), (161, 17602), (168, 17659), (172, 17683), (174, 17689), (185, 17758), (189, 17770), (194, 17788), (199, 17803),

Gene: JacAttac_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for JacAttac_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Jackstina_14 Start: 13066, Stop: 13875, Start Num: 11

Candidate Starts for Jackstina_14:

(Start: 11 @13066 has 45 MA's), (40, 13129), (51, 13192), (73, 13288), (82, 13336), (84, 13342), (92, 13390), (108, 13462), (114, 13492), (117, 13495), (122, 13513), (137, 13573), (143, 13594), (163, 13660), (191, 13801), (192, 13804),

Gene: JaguarMi_14 Start: 13170, Stop: 13970, Start Num: 13

Candidate Starts for JaguarMi_14:

(Start: 13 @13170 has 381 MA's), (24, 13191), (31, 13203), (43, 13257), (51, 13302), (82, 13440), (92, 13494), (98, 13515), (103, 13536), (105, 13542), (133, 13671), (139, 13698), (163, 13773), (164, 13776), (171, 13815), (179, 13857), (188, 13899), (200, 13947),

Gene: JakeO_12 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for JakeO_12:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: Jambalaya_20 Start: 13611, Stop: 14423, Start Num: 21

Candidate Starts for Jambalaya_20:

(Start: 21 @13611 has 30 MA's), (46, 13692), (80, 13842), (110, 13989), (117, 14025), (145, 14139), (201, 14409),

Gene: JangoPhett_13 Start: 11600, Stop: 12397, Start Num: 13

Candidate Starts for JangoPhett_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Jeon_10 Start: 12718, Stop: 13494, Start Num: 13

Candidate Starts for Jeon_10:

(Start: 13 @12718 has 381 MA's), (31, 12739), (32, 12742), (37, 12760), (44, 12793), (52, 12847), (54, 12853), (62, 12886), (92, 13033), (99, 13057), (100, 13063), (119, 13147), (141, 13231), (155, 13273), (177, 13378), (180, 13384), (192, 13444),

Gene: Jillium_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Jillium_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Jiminy_12 Start: 11157, Stop: 11954, Start Num: 13

Candidate Starts for Jiminy_12:

(Start: 13 @11157 has 381 MA's), (24, 11178), (31, 11190), (34, 11202), (69, 11364), (84, 11433), (92, 11481), (108, 11553), (120, 11598), (126, 11622), (139, 11673), (160, 11727), (171, 11784), (178, 11823),

Gene: Jiraiya_13 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for Jiraiya_13:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: Jolie1_011 Start: 11815, Stop: 12582, Start Num: 13

Candidate Starts for Jolie1_011:

(Start: 13 @11815 has 381 MA's), (24, 11836), (98, 12151), (116, 12232), (122, 12253), (163, 12391), (166, 12409), (181, 12487), (188, 12517),

Gene: Jollymon_46 Start: 25052, Stop: 25819, Start Num: 13

Candidate Starts for Jollymon_46:

(Start: 13 @25052 has 381 MA's), (39, 25118), (47, 25154), (87, 25325), (88, 25328), (116, 25466), (119, 25478), (128, 25508), (134, 25532), (172, 25688), (174, 25694), (182, 25733), (191, 25772), (198, 25799),

Gene: KLucky39_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for KLucky39_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Kahve_12 Start: 11312, Stop: 12115, Start Num: 13

Candidate Starts for Kahve_12:

(Start: 13 @11312 has 381 MA's), (24, 11333), (31, 11345), (34, 11357), (69, 11519), (84, 11588), (92, 11636), (108, 11708), (120, 11753), (126, 11777), (139, 11828), (160, 11882), (171, 11939), (178, 11978),

Gene: Kailash_13 Start: 11611, Stop: 12408, Start Num: 13

Candidate Starts for Kailash_13:

(Start: 13 @11611 has 381 MA's), (24, 11632), (31, 11644), (34, 11656), (84, 11887), (92, 11935), (108, 12007), (120, 12052), (126, 12076), (139, 12127), (160, 12181), (171, 12238), (178, 12277),

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

Candidate Starts for Kaleb_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (Start: 70 @14877 has 1 MA's), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

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

Candidate Starts for Kamashten_22:

(Start: 13 @17689 has 381 MA's), (Start: 17 @17698 has 2 MA's), (50, 17803), (72, 17893), (84, 17947), (88, 17971), (102, 18034), (110, 18082), (115, 18109), (148, 18238), (161, 18286), (168, 18343), (172, 18367), (174, 18373), (185, 18442), (189, 18454), (194, 18472), (199, 18487),

Gene: Kamiyu_15 Start: 13111, Stop: 13920, Start Num: 11

Candidate Starts for Kamiyu_15:

(Start: 11 @13111 has 45 MA's), (40, 13174), (51, 13237), (73, 13333), (82, 13381), (84, 13387), (92, 13435), (108, 13507), (114, 13537), (122, 13558), (137, 13618), (143, 13639), (163, 13705), (191, 13846), (192, 13849),

Gene: KarasumaRum_15 Start: 13490, Stop: 14296, Start Num: 13

Candidate Starts for KarasumaRum_15:

(Start: 13 @13490 has 381 MA's), (83, 13784), (100, 13865), (108, 13907), (124, 13970), (128, 13982), (144, 14042), (163, 14099), (171, 14141), (186, 14219), (200, 14273),

Gene: Katniss_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for Katniss_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: KayaCho_11 Start: 11827, Stop: 12594, Start Num: 13

Candidate Starts for KayaCho_11:

(Start: 13 @11827 has 381 MA's), (24, 11848), (98, 12163), (116, 12244), (164, 12406), (179, 12487), (188, 12529),

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

Candidate Starts for Keitabear_23:

(Start: 13 @19226 has 381 MA's), (Start: 17 @19235 has 2 MA's), (50, 19340), (58, 19388), (72, 19430), (77, 19454), (88, 19508), (102, 19571), (110, 19619), (115, 19646), (148, 19775), (161, 19823), (168, 19880), (172, 19904), (174, 19910), (185, 19979), (189, 19991), (194, 20009), (199, 20024),

Gene: Keitherie_13 Start: 11616, Stop: 12413, Start Num: 13

Candidate Starts for Keitherie_13:

(Start: 13 @11616 has 381 MA's), (24, 11637), (31, 11649), (34, 11661), (69, 11823), (84, 11892), (92, 11940), (108, 12012), (120, 12057), (126, 12081), (139, 12132), (160, 12186), (171, 12243), (178, 12282),

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

Candidate Starts for Kewpiedoll_22:

(Start: 13 @17077 has 381 MA's), (Start: 17 @17086 has 2 MA's), (50, 17191), (72, 17281), (77, 17305), (84, 17335), (88, 17359), (102, 17422), (110, 17470), (115, 17497), (148, 17626), (161, 17674), (168, 17731), (174, 17761), (185, 17830), (189, 17842), (194, 17860), (199, 17875),

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

Candidate Starts for Kheth_16:

(Start: 9 @14535 has 32 MA's), (51, 14679), (Start: 70 @14760 has 1 MA's), (80, 14814), (82, 14820), (94, 14880), (104, 14919), (110, 14958), (122, 14997), (150, 15093), (163, 15141), (171, 15183), (177, 15219), (192, 15285),

Gene: Kikipoo_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Kikipoo_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Kimbrough_13 Start: 11312, Stop: 12115, Start Num: 13

Candidate Starts for Kimbrough_13:

(Start: 13 @11312 has 381 MA's), (24, 11333), (31, 11345), (34, 11357), (69, 11519), (84, 11588), (92, 11636), (108, 11708), (120, 11753), (126, 11777), (139, 11828), (160, 11882), (171, 11939), (178, 11978),

Gene: KimmyK_22 Start: 14500, Stop: 15312, Start Num: 21

Candidate Starts for KimmyK_22:

(Start: 21 @14500 has 30 MA's), (46, 14581), (80, 14731), (110, 14878), (117, 14914), (145, 15028), (201, 15298),

Gene: KingTut_12 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for KingTut_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: KingVeVeVe_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for KingVeVeVe_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: KingstonB_46 Start: 24560, Stop: 25327, Start Num: 13

Candidate Starts for KingstonB_46:

(Start: 13 @24560 has 381 MA's), (39, 24626), (47, 24662), (87, 24833), (88, 24836), (119, 24986), (134, 25040), (172, 25196), (174, 25202), (191, 25280), (198, 25307),

Gene: Kithara_26 Start: 16496, Stop: 17302, Start Num: 18

Candidate Starts for Kithara_26:

(18, 16496), (46, 16589), (64, 16664), (72, 16691), (78, 16724), (82, 16739), (110, 16892), (121, 16943), (124, 16955), (142, 17024), (185, 17219), (188, 17228), (201, 17285),

Gene: KlimbOn_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for KlimbOn_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Kloppinator_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Kloppinator_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Knocker_18 Start: 15870, Stop: 16694, Start Num: 13

Candidate Starts for Knocker_18:

(Start: 13 @15870 has 381 MA's), (31, 15894), (39, 15927), (49, 15972), (61, 16029), (67, 16059), (69, 16068), (82, 16155), (84, 16161), (100, 16239), (112, 16302), (132, 16377), (148, 16425), (159, 16452), (171, 16527), (181, 16581), (188, 16611),

Gene: Kronus_14 Start: 13723, Stop: 14532, Start Num: 11

Candidate Starts for Kronus_14:

(Start: 11 @13723 has 45 MA's), (40, 13786), (51, 13849), (73, 13945), (82, 13993), (84, 13999), (92, 14047), (108, 14119), (114, 14149), (122, 14170), (137, 14230), (143, 14251), (163, 14317), (191, 14458), (192, 14461),

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

Candidate Starts for Kroos_22:

(Start: 13 @17329 has 381 MA's), (Start: 17 @17338 has 2 MA's), (50, 17440), (53, 17467), (72, 17530), (77, 17554), (102, 17671), (110, 17719), (120, 17770), (134, 17824), (148, 17875), (153, 17893), (161, 17923), (165, 17944), (168, 17980), (174, 18010), (189, 18091), (194, 18109), (199, 18124),

Gene: Kwadwo_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Kwadwo_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

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

Candidate Starts for Kwekel_21:

(Start: 10 @15688 has 15 MA's), (42, 15778), (57, 15856), (97, 16018), (107, 16060), (110, 16087), (127, 16162), (134, 16189), (148, 16240), (172, 16369), (174, 16375), (177, 16396), (189, 16456), (192, 16471),

Gene: Kwksand96_12 Start: 11155, Stop: 11958, Start Num: 13

Candidate Starts for Kwksand96_12:

(Start: 13 @11155 has 381 MA's), (24, 11176), (31, 11188), (34, 11200), (69, 11362), (84, 11431), (92, 11479), (108, 11551), (120, 11596), (126, 11620), (139, 11671), (160, 11725), (171, 11782), (178, 11821),

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

Candidate Starts for Kwobi_22:

(Start: 13 @17311 has 381 MA's), (Start: 17 @17320 has 2 MA's), (50, 17422), (72, 17512), (102, 17653), (110, 17701), (120, 17752), (134, 17806), (148, 17857), (153, 17875), (161, 17905), (165, 17926), (168, 17962), (174, 17992), (189, 18073), (194, 18091), (199, 18106),

Gene: Labeouficaum_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Labeouficaum_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Lambano_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Lambano_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

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

Candidate Starts for Lars_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (Start: 70 @14877 has 1 MA's), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: LasagnaCat_13 Start: 11611, Stop: 12408, Start Num: 13

Candidate Starts for LasagnaCat_13:

(Start: 13 @11611 has 381 MA's), (24, 11632), (31, 11644), (34, 11656), (69, 11818), (84, 11887), (92, 11935), (108, 12007), (120, 12052), (126, 12076), (139, 12127), (160, 12181), (171, 12238), (178, 12277),

Gene: Lasso_13 Start: 11593, Stop: 12396, Start Num: 13

Candidate Starts for Lasso_13:

(Start: 13 @11593 has 381 MA's), (24, 11614), (31, 11626), (34, 11638), (69, 11800), (84, 11869), (92, 11917), (108, 11989), (120, 12034), (126, 12058), (139, 12109), (160, 12163), (171, 12220), (178, 12259),

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

Candidate Starts for Laurie_16:

(Start: 9 @14530 has 32 MA's), (51, 14674), (52, 14680), (80, 14809), (82, 14815), (94, 14875), (104, 14914), (110, 14953), (122, 14992), (150, 15088), (163, 15136), (171, 15178), (177, 15214), (192, 15280),

Gene: LeeLot_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for LeeLot_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Lego3393_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Lego3393_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Legolas_12 Start: 11307, Stop: 12110, Start Num: 13

Candidate Starts for Legolas_12:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

Gene: LeiMonet_13 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for LeiMonet_13:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: LemonSlice_13 Start: 11313, Stop: 12116, Start Num: 13

Candidate Starts for LemonSlice_13:

(Start: 13 @11313 has 381 MA's), (24, 11334), (31, 11346), (34, 11358), (69, 11520), (84, 11589), (92, 11637), (108, 11709), (120, 11754), (126, 11778), (139, 11829), (160, 11883), (171, 11940), (178, 11979),

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

Candidate Starts for Lennon_23:

(Start: 13 @18329 has 381 MA's), (Start: 17 @18338 has 2 MA's), (50, 18443), (72, 18533), (77, 18557), (84, 18587), (88, 18611), (102, 18674), (110, 18722), (115, 18749), (148, 18878), (161, 18926), (168, 18983), (172, 19007), (174, 19013), (185, 19082), (189, 19094), (194, 19112), (199, 19127),

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

Candidate Starts for Leonard_22:

(Start: 10 @17355 has 15 MA's), (12, 17361), (23, 17388), (28, 17394), (42, 17448), (84, 17619), (85, 17631), (102, 17706), (110, 17754), (134, 17856), (150, 17910), (158, 17940), (161, 17955), (168, 18012), (189, 18123),

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

Candidate Starts for Lephleur_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: LestyG_15 Start: 13144, Stop: 13953, Start Num: 11

Candidate Starts for LestyG_15:

(Start: 11 @13144 has 45 MA's), (40, 13207), (51, 13270), (73, 13366), (82, 13414), (84, 13420), (92, 13468), (108, 13540), (114, 13570), (117, 13573), (122, 13591), (137, 13651), (143, 13672), (163, 13738), (191, 13879), (192, 13882),

Gene: Ligma_12 Start: 11636, Stop: 12418, Start Num: 13

Candidate Starts for Ligma_12:

(Start: 13 @11636 has 381 MA's), (Start: 20 @11648 has 9 MA's), (44, 11726), (171, 12272), (172, 12287), (177, 12308), (186, 12350), (188, 12356), (197, 12395),

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

Candidate Starts for LilHam_19:

(Start: 13 @15890 has 381 MA's), (Start: 17 @15899 has 2 MA's), (50, 16001), (77, 16115), (102, 16232), (110, 16280), (120, 16331), (134, 16385), (148, 16436), (153, 16454), (161, 16484), (165, 16505), (168, 16541), (174, 16571), (189, 16652), (194, 16670), (199, 16685),

Gene: LilMcDreamy_14 Start: 14087, Stop: 14896, Start Num: 13

Candidate Starts for LilMcDreamy_14:

(Start: 13 @14087 has 381 MA's), (49, 14222), (51, 14240), (92, 14441), (98, 14462), (100, 14471), (105, 14489), (108, 14513), (163, 14705), (179, 14789), (188, 14831), (196, 14867),

Gene: Lilbeanie_19 Start: 12678, Stop: 13550, Start Num: 21

Candidate Starts for Lilbeanie_19:

(Start: 21 @12678 has 30 MA's), (84, 12936), (91, 12969), (100, 13014), (110, 13089), (122, 13146), (129, 13173), (134, 13194), (138, 13215), (141, 13224), (147, 13242), (148, 13245), (153, 13263), (154, 13266), (161, 13293), (174, 13386), (185, 13455), (194, 13485), (201, 13518),

Gene: LittleMunchkin_13 Start: 12925, Stop: 13710, Start Num: 13

Candidate Starts for LittleMunchkin_13:

(Start: 13 @12925 has 381 MA's), (44, 13018), (48, 13042), (94, 13261), (107, 13315), (122, 13378), (135, 13432), (166, 13540), (172, 13579), (181, 13618), (192, 13666),

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

Candidate Starts for LizLemon_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (52, 14802), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: Lolalove_13 Start: 13343, Stop: 14137, Start Num: 13

Candidate Starts for Lolalove_13:

(Start: 13 @13343 has 381 MA's), (24, 13364), (31, 13376), (51, 13475), (82, 13613), (92, 13667), (98, 13688), (103, 13709), (105, 13715), (108, 13739), (122, 13802), (133, 13844), (163, 13940), (171, 13982), (179, 14024), (188, 14066), (200, 14114),

Gene: Longacauda_12 Start: 11305, Stop: 12102, Start Num: 13

Candidate Starts for Longacauda_12:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: Lopsy_12 Start: 11149, Stop: 11952, Start Num: 13

Candidate Starts for Lopsy_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (69, 11356), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

Gene: LostAndPhound_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for LostAndPhound_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

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

Candidate Starts for Love_23:

(Start: 13 @17204 has 381 MA's), (Start: 17 @17213 has 2 MA's), (50, 17318), (72, 17408), (84, 17462), (88, 17486), (102, 17549), (110, 17597), (115, 17624), (122, 17654), (148, 17753), (161, 17801), (168, 17858), (172, 17882), (174, 17888), (185, 17957), (189, 17969), (194, 17987), (199, 18002),

Gene: LuckyMarjie_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for LuckyMarjie_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Lulumae_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Lulumae_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Lulwa_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Lulwa_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Lumine_12 Start: 11297, Stop: 12094, Start Num: 13

Candidate Starts for Lumine_12:

(Start: 13 @11297 has 381 MA's), (24, 11318), (31, 11330), (34, 11342), (84, 11573), (92, 11621), (108, 11693), (120, 11738), (126, 11762), (139, 11813), (160, 11867), (171, 11924), (178, 11963),

Gene: MRabcd_12 Start: 11306, Stop: 12109, Start Num: 13

Candidate Starts for MRabcd_12:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: Mag7_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Mag7_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Magic8_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Magic8_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Magpie_13 Start: 13501, Stop: 14295, Start Num: 13

Candidate Starts for Magpie_13:

(Start: 13 @13501 has 381 MA's), (24, 13522), (51, 13633), (82, 13771), (92, 13825), (98, 13846), (103, 13867), (105, 13873), (122, 13960), (133, 14002), (163, 14098), (164, 14101), (171, 14140), (179, 14182), (188, 14224), (200, 14272),

Gene: MakoManhole_14 Start: 13114, Stop: 13887, Start Num: 13

Candidate Starts for MakoManhole_14:

(Start: 13 @13114 has 381 MA's), (51, 13246), (105, 13477), (119, 13543), (122, 13552), (163, 13696), (188, 13822), (191, 13837),

Gene: Mana_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Mana_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Manad_12 Start: 11153, Stop: 11956, Start Num: 13

Candidate Starts for Manad_12:

(Start: 13 @11153 has 381 MA's), (24, 11174), (31, 11186), (34, 11198), (69, 11360), (84, 11429), (92, 11477), (108, 11549), (120, 11594), (126, 11618), (139, 11669), (160, 11723), (171, 11780), (178, 11819),

Gene: Mao1_10 Start: 10771, Stop: 11619, Start Num: 13

Candidate Starts for Mao1_10:

(Start: 13 @10771 has 381 MA's), (27, 10786), (51, 10897), (54, 10909), (62, 10942), (84, 11044), (92, 11092), (105, 11140), (108, 11164), (119, 11206), (126, 11233), (148, 11308), (152, 11314), (160, 11344), (163, 11359), (166, 11377), (179, 11443), (181, 11455), (186, 11479), (191, 11500), (200, 11533),

Gene: Mariokart_12 Start: 11678, Stop: 12469, Start Num: 13

Candidate Starts for Mariokart_12:

(Start: 13 @11678 has 381 MA's), (31, 11714), (44, 11768), (54, 11834), (86, 11972), (122, 12128), (163, 12272), (177, 12350), (191, 12413),

Gene: Marley1013_15 Start: 13924, Stop: 14733, Start Num: 11

Candidate Starts for Marley1013_15:

(Start: 11 @13924 has 45 MA's), (40, 13987), (51, 14050), (73, 14146), (82, 14194), (84, 14200), (92, 14248), (108, 14320), (114, 14350), (122, 14371), (137, 14431), (143, 14452), (163, 14518), (191, 14659), (192, 14662),

Gene: Maru_12 Start: 11307, Stop: 12110, Start Num: 13

Candidate Starts for Maru_12:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

Gene: Mask_11 Start: 10772, Stop: 11620, Start Num: 13

Candidate Starts for Mask_11:

(Start: 13 @10772 has 381 MA's), (27, 10787), (51, 10898), (54, 10910), (62, 10943), (84, 11045), (92, 11093), (105, 11141), (108, 11165), (119, 11207), (126, 11234), (148, 11309), (152, 11315), (160, 11345), (163, 11360), (166, 11378), (179, 11444), (181, 11456), (186, 11480), (191, 11501), (200, 11534),

Gene: Maskar_12 Start: 11149, Stop: 11946, Start Num: 13

Candidate Starts for Maskar_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

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

Candidate Starts for MasterPo_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: Matalotodo_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Matalotodo_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

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

Candidate Starts for McKinley_22:

(Start: 13 @17230 has 381 MA's), (Start: 17 @17239 has 2 MA's), (50, 17344), (72, 17434), (84, 17488), (88, 17512), (102, 17575), (110, 17623), (115, 17650), (122, 17680), (148, 17779), (161, 17827), (168, 17884), (172, 17908), (174, 17914), (185, 17983), (189, 17995), (194, 18013), (199, 18028),

Gene: Mcshane_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Mcshane_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Mecca_12 Start: 11306, Stop: 12103, Start Num: 13

Candidate Starts for Mecca_12:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: Megabear_10 Start: 12673, Stop: 13449, Start Num: 13

Candidate Starts for Megabear_10:

(Start: 13 @12673 has 381 MA's), (31, 12694), (32, 12697), (37, 12715), (44, 12748), (52, 12802), (54, 12808), (62, 12841), (92, 12988), (99, 13012), (100, 13018), (119, 13102), (141, 13186), (155, 13228), (177, 13333), (180, 13339), (192, 13399),

Gene: Megamind20_13 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for Megamind20_13:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Megatron_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Megatron_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 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), (23, 17589), (28, 17595), (42, 17649), (84, 17820), (85, 17832), (110, 17955), (134, 18057), (150, 18111), (158, 18141), (161, 18156), (168, 18213), (189, 18324),

Gene: Melc17_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Melc17_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: MelsMeow_12 Start: 11155, Stop: 11952, Start Num: 13

Candidate Starts for MelsMeow_12:

(Start: 13 @11155 has 381 MA's), (24, 11176), (31, 11188), (34, 11200), (84, 11431), (92, 11479), (108, 11551), (120, 11596), (126, 11620), (139, 11671), (160, 11725), (171, 11782), (178, 11821),

Gene: Mesh1_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Mesh1_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: MichaelPhcott_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for MichaelPhcott_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Mikota_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Mikota_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: MiniBoss_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for MiniBoss_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: MitKao_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for MitKao_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Mithril_13 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Mithril_13:

(Start: 13 @13346 has 381 MA's), (24, 13367), (31, 13379), (51, 13478), (82, 13616), (92, 13670), (98, 13691), (103, 13712), (105, 13718), (108, 13742), (122, 13805), (133, 13847), (163, 13943), (171, 13985), (179, 14027), (188, 14069), (200, 14117),

Gene: MmasiCarm_15 Start: 13137, Stop: 13946, Start Num: 11

Candidate Starts for MmasiCarm_15:

(Start: 11 @13137 has 45 MA's), (40, 13200), (51, 13263), (73, 13359), (82, 13407), (84, 13413), (92, 13461), (108, 13533), (114, 13563), (122, 13584), (137, 13644), (143, 13665), (163, 13731), (191, 13872), (192, 13875),

Gene: MoontowerMania_20 Start: 16210, Stop: 17040, Start Num: 13

Candidate Starts for MoontowerMania_20:

(Start: 13 @16210 has 381 MA's), (Start: 17 @16219 has 2 MA's), (50, 16324), (72, 16414), (84, 16468), (88, 16492), (102, 16555), (110, 16603), (115, 16630), (122, 16660), (148, 16759), (161, 16807), (168, 16864), (172, 16888), (174, 16894), (185, 16963), (189, 16975), (194, 16993), (199, 17008),

Gene: Morgushi_13 Start: 11307, Stop: 12110, Start Num: 13

Candidate Starts for Morgushi_13:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

Gene: Mortcellus_14 Start: 13778, Stop: 14587, Start Num: 11

Candidate Starts for Mortcellus_14:

(Start: 11 @13778 has 45 MA's), (40, 13841), (51, 13904), (73, 14000), (82, 14048), (84, 14054), (92, 14102), (108, 14174), (114, 14204), (122, 14225), (137, 14285), (143, 14306), (163, 14372), (191, 14513), (192, 14516),

Gene: Morty_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Morty_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Morty007_15 Start: 13924, Stop: 14733, Start Num: 11

Candidate Starts for Morty007_15:

(Start: 11 @13924 has 45 MA's), (40, 13987), (51, 14050), (73, 14146), (82, 14194), (84, 14200), (92, 14248), (108, 14320), (114, 14350), (122, 14371), (137, 14431), (143, 14452), (163, 14518), (191, 14659), (192, 14662),

Gene: Mosaic_12 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for Mosaic_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: MossRose_14 Start: 13114, Stop: 13887, Start Num: 13

Candidate Starts for MossRose_14:

(Start: 13 @13114 has 381 MA's), (51, 13246), (105, 13477), (119, 13543), (122, 13552), (163, 13696), (188, 13822), (191, 13837),

Gene: MrPhizzler_12 Start: 11302, Stop: 12105, Start Num: 13

Candidate Starts for MrPhizzler_12:

(Start: 13 @11302 has 381 MA's), (24, 11323), (31, 11335), (34, 11347), (69, 11509), (84, 11578), (92, 11626), (108, 11698), (120, 11743), (126, 11767), (139, 11818), (160, 11872), (171, 11929), (178, 11968),

Gene: Mudslide_13 Start: 13594, Stop: 14388, Start Num: 13

Candidate Starts for Mudslide_13:

(Start: 13 @13594 has 381 MA's), (24, 13615), (31, 13627), (51, 13726), (82, 13864), (92, 13918), (98, 13939), (103, 13960), (105, 13966), (108, 13990), (122, 14053), (133, 14095), (163, 14191), (164, 14194), (171, 14233), (179, 14275), (188, 14317), (200, 14365),

Gene: Mulan_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Mulan_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Murdoc_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Murdoc_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Mutante_12 Start: 11306, Stop: 12109, Start Num: 13

Candidate Starts for Mutante_12:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: Mutzi_22 Start: 14224, Stop: 15036, Start Num: 21

Candidate Starts for Mutzi_22:

(Start: 21 @14224 has 30 MA's), (46, 14305), (80, 14455), (110, 14602), (117, 14638), (145, 14752), (201, 15022),

Gene: Mysterious_14 Start: 13592, Stop: 14398, Start Num: 13

Candidate Starts for Mysterious_14:

(Start: 13 @13592 has 381 MA's), (24, 13604), (47, 13682), (83, 13886), (84, 13889), (92, 13937), (98, 13958), (108, 14009), (124, 14072), (144, 14144), (163, 14201), (186, 14321),

Gene: NHagos_12 Start: 11599, Stop: 12372, Start Num: 13

Candidate Starts for NHagos_12:

(Start: 13 @11599 has 381 MA's), (31, 11629), (45, 11686), (51, 11731), (65, 11785), (122, 12037), (163, 12181), (186, 12301), (192, 12325),

Gene: Nacho_0013 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Nacho_0013:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Nanao_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Nanao_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

Gene: Nangang_14 Start: 13334, Stop: 14140, Start Num: 13

Candidate Starts for Nangang_14:

(Start: 13 @13334 has 381 MA's), (47, 13424), (83, 13628), (100, 13709), (108, 13751), (124, 13814), (128, 13826), (144, 13886), (163, 13943), (171, 13985), (186, 14063), (200, 14117),

Gene: Natkenzie_22 Start: 17540, Stop: 18364, Start Num: 20

Candidate Starts for Natkenzie_22:

(Start: 20 @17540 has 9 MA's), (42, 17612), (56, 17678), (74, 17753), (84, 17795), (96, 17852), (110, 17924), (113, 17945), (118, 17966), (134, 18026), (138, 18047), (144, 18068), (148, 18077), (154, 18098), (161, 18125), (168, 18182), (172, 18206), (174, 18212), (177, 18233), (188, 18290), (195, 18314),

Gene: Nehemiah_13 Start: 13592, Stop: 14398, Start Num: 13

Candidate Starts for Nehemiah_13:

(Start: 13 @13592 has 381 MA's), (24, 13604), (47, 13682), (83, 13886), (84, 13889), (92, 13937), (98, 13958), (108, 14009), (124, 14072), (144, 14144), (163, 14201), (186, 14321),

Gene: Neos5_15 Start: 13930, Stop: 14739, Start Num: 11

Candidate Starts for Neos5_15:

(Start: 11 @13930 has 45 MA's), (40, 13993), (51, 14056), (73, 14152), (82, 14200), (84, 14206), (92, 14254), (108, 14326), (114, 14356), (122, 14377), (137, 14437), (143, 14458), (163, 14524), (191, 14665), (192, 14668),

Gene: Newman_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Newman_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Nicole21_13 Start: 11600, Stop: 12397, Start Num: 13

Candidate Starts for Nicole21_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Nigel_11 Start: 12164, Stop: 12961, Start Num: 13

Candidate Starts for Nigel_11:

(Start: 13 @12164 has 381 MA's), (24, 12182), (29, 12191), (43, 12248), (51, 12293), (82, 12431), (92, 12485), (98, 12506), (103, 12527), (105, 12533), (133, 12662), (160, 12749), (163, 12764), (166, 12782), (171, 12806), (179, 12848), (188, 12890), (200, 12938),

Gene: Nordenberg_16 Start: 15524, Stop: 16354, Start Num: 13

Candidate Starts for Nordenberg_16:

(Start: 13 @15524 has 381 MA's), (Start: 17 @15533 has 2 MA's), (50, 15638), (72, 15728), (84, 15782), (88, 15806), (102, 15869), (110, 15917), (115, 15944), (122, 15974), (148, 16073), (161, 16121), (168, 16178), (172, 16202), (174, 16208), (185, 16277), (189, 16289), (194, 16307), (199, 16322),

Gene: Nozo_15 Start: 13905, Stop: 14714, Start Num: 11

Candidate Starts for Nozo_15:

(Start: 11 @13905 has 45 MA's), (40, 13968), (51, 14031), (73, 14127), (82, 14175), (84, 14181), (92, 14229), (108, 14301), (114, 14331), (122, 14352), (137, 14412), (143, 14433), (163, 14499), (191, 14640), (192, 14643),

Gene: Nubi_20 Start: 13852, Stop: 14664, Start Num: 21

Candidate Starts for Nubi_20:

(Start: 21 @13852 has 30 MA's), (46, 13933), (80, 14083), (110, 14230), (117, 14266), (145, 14380), (201, 14650),

Gene: Numberten_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Numberten_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Nyala_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Nyala_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: OSmaximus_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for OSmaximus_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Obutu_15 Start: 13135, Stop: 13944, Start Num: 11

Candidate Starts for Obutu_15:

(Start: 11 @13135 has 45 MA's), (40, 13198), (51, 13261), (73, 13357), (82, 13405), (84, 13411), (92, 13459), (108, 13531), (114, 13561), (122, 13582), (137, 13642), (143, 13663), (163, 13729), (191, 13870), (192, 13873),

Gene: Olak_12 Start: 11307, Stop: 12104, Start Num: 13

Candidate Starts for Olak_12:

(Start: 13 @11307 has 381 MA's), (24, 11328), (31, 11340), (34, 11352), (69, 11514), (84, 11583), (92, 11631), (108, 11703), (120, 11748), (126, 11772), (139, 11823), (160, 11877), (171, 11934), (178, 11973),

Gene: Oline_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Oline_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (69, 11368), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Olive_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Olive_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: OliverWalter_13 Start: 11598, Stop: 12401, Start Num: 13

Candidate Starts for OliverWalter_13:

(Start: 13 @11598 has 381 MA's), (24, 11619), (31, 11631), (34, 11643), (69, 11805), (84, 11874), (92, 11922), (108, 11994), (120, 12039), (126, 12063), (139, 12114), (160, 12168), (171, 12225), (178, 12264),

Gene: Omniscient_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Omniscient_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Oosterbaan_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Oosterbaan_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Opia_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Opia_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: OrangeOswald_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for OrangeOswald_15:

(Start: 11 @13140 has 45 MA's), (40, 13203), (51, 13266), (73, 13362), (82, 13410), (84, 13416), (92, 13464), (108, 13536), (114, 13566), (122, 13587), (137, 13647), (143, 13668), (163, 13734), (191, 13875), (192, 13878),

Gene: Orfeu_12 Start: 11308, Stop: 12105, Start Num: 13

Candidate Starts for Orfeu_12:

(Start: 13 @11308 has 381 MA's), (24, 11329), (31, 11341), (34, 11353), (84, 11584), (92, 11632), (108, 11704), (120, 11749), (126, 11773), (139, 11824), (160, 11878), (171, 11935), (178, 11974),

Gene: Orion_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Orion_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Orwigg_13 Start: 11313, Stop: 12110, Start Num: 13

Candidate Starts for Orwigg_13:

(Start: 13 @11313 has 381 MA's), (24, 11334), (31, 11346), (34, 11358), (69, 11520), (84, 11589), (92, 11637), (108, 11709), (120, 11754), (126, 11778), (139, 11829), (160, 11883), (171, 11940), (178, 11979),

Gene: PG1_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for PG1_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: PR_10 Start: 12685, Stop: 13461, Start Num: 13

Candidate Starts for PR_10:

(Start: 13 @12685 has 381 MA's), (31, 12706), (32, 12709), (37, 12727), (44, 12760), (52, 12814), (54, 12820), (62, 12853), (92, 13000), (99, 13024), (100, 13030), (119, 13114), (141, 13198), (155, 13240), (177, 13345), (180, 13351), (192, 13411),

Gene: Pacifista_12 Start: 11306, Stop: 12103, Start Num: 13

Candidate Starts for Pacifista_12:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: Paries_22 Start: 16892, Stop: 17722, Start Num: 13

Candidate Starts for Paries_22:

(Start: 13 @16892 has 381 MA's), (Start: 17 @16901 has 2 MA's), (50, 17006), (72, 17096), (77, 17120), (88, 17174), (102, 17237), (110, 17285), (115, 17312), (122, 17342), (148, 17441), (161, 17489), (168, 17546), (174, 17576), (185, 17645), (189, 17657), (194, 17675), (199, 17690),

Gene: PenguinLover67_16 Start: 14236, Stop: 15033, Start Num: 5

Candidate Starts for PenguinLover67_16:

(Start: 5 @14236 has 2 MA's), (24, 14275), (31, 14287), (51, 14383), (71, 14470), (78, 14506), (82, 14518), (100, 14602), (122, 14704), (128, 14725), (163, 14842), (169, 14878), (171, 14884), (188, 14968), (197, 15007), (200, 15016),

Gene: Phaedrus_14 Start: 13057, Stop: 13866, Start Num: 11

Candidate Starts for Phaedrus_14:

(Start: 11 @13057 has 45 MA's), (40, 13120), (51, 13183), (73, 13279), (82, 13327), (84, 13333), (92, 13381), (108, 13453), (114, 13483), (122, 13504), (137, 13564), (143, 13585), (163, 13651), (191, 13792), (192, 13795),

Gene: Phamished_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Phamished_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Phantasmagoria_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Phantasmagoria_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: Phareon_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Phareon_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: PhatCats2014_13 Start: 11606, Stop: 12409, Start Num: 13

Candidate Starts for PhatCats2014_13:

(Start: 13 @11606 has 381 MA's), (24, 11627), (31, 11639), (34, 11651), (69, 11813), (84, 11882), (92, 11930), (108, 12002), (120, 12047), (126, 12071), (139, 12122), (160, 12176), (171, 12233), (178, 12272),

Gene: PhatLouie_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for PhatLouie_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 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), (23, 13955), (28, 13961), (42, 14015), (84, 14186), (85, 14198), (102, 14273), (110, 14321), (134, 14423), (150, 14477), (161, 14522), (168, 14579), (189, 14690),

Gene: Phayeta_15 Start: 13016, Stop: 13825, Start Num: 11

Candidate Starts for Phayeta_15:

(Start: 11 @13016 has 45 MA's), (40, 13079), (51, 13142), (73, 13238), (82, 13286), (84, 13292), (92, 13340), (108, 13412), (114, 13442), (122, 13463), (137, 13523), (143, 13544), (163, 13610), (191, 13751), (192, 13754),

Gene: Phelemich_14 Start: 13595, Stop: 14401, Start Num: 13

Candidate Starts for Phelemich_14:

(Start: 13 @13595 has 381 MA's), (24, 13607), (47, 13685), (83, 13889), (84, 13892), (92, 13940), (98, 13961), (108, 14012), (124, 14075), (144, 14147), (163, 14204), (186, 14324),

Gene: PhenghisKhan_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for PhenghisKhan_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Pherdinand_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Pherdinand_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Phergie_12 Start: 11155, Stop: 11952, Start Num: 13

Candidate Starts for Phergie_12:

(Start: 13 @11155 has 381 MA's), (24, 11176), (31, 11188), (34, 11200), (84, 11431), (92, 11479), (108, 11551), (120, 11596), (126, 11620), (139, 11671), (160, 11725), (171, 11782), (178, 11821),

Gene: Philly_14 Start: 13006, Stop: 13815, Start Num: 11

Candidate Starts for Philly_14:

(Start: 11 @13006 has 45 MA's), (40, 13069), (51, 13132), (73, 13228), (82, 13276), (84, 13282), (92, 13330), (108, 13402), (114, 13432), (117, 13435), (122, 13453), (137, 13513), (143, 13534), (163, 13600), (191, 13741), (192, 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), (23, 17385), (28, 17391), (42, 17445), (84, 17616), (85, 17628), (102, 17703), (110, 17751), (134, 17853), (150, 17907), (158, 17937), (161, 17952), (168, 18009), (189, 18120),

Gene: Phipps_13 Start: 11593, Stop: 12396, Start Num: 13

Candidate Starts for Phipps_13:

(Start: 13 @11593 has 381 MA's), (24, 11614), (31, 11626), (34, 11638), (69, 11800), (84, 11869), (92, 11917), (108, 11989), (120, 12034), (126, 12058), (139, 12109), (160, 12163), (171, 12220), (178, 12259),

Gene: Phleuron_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Phleuron_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Phlop_20 Start: 13916, Stop: 14728, Start Num: 21

Candidate Starts for Phlop_20:

(Start: 21 @13916 has 30 MA's), (46, 13997), (80, 14147), (110, 14294), (117, 14330), (145, 14444), (201, 14714),

Gene: Phlyer_15 Start: 13874, Stop: 14683, Start Num: 11

Candidate Starts for Phlyer_15:

(Start: 11 @13874 has 45 MA's), (40, 13937), (51, 14000), (73, 14096), (82, 14144), (84, 14150), (92, 14198), (108, 14270), (114, 14300), (122, 14321), (137, 14381), (143, 14402), (163, 14468), (191, 14609), (192, 14612),

Gene: PhrankReynolds_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for PhrankReynolds_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: PhrodoBaggins_12 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for PhrodoBaggins_12:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Phunky_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Phunky_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Piglet_0012 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Piglet_0012:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: PinheadLarry_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for PinheadLarry_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: PinkCoffee_22 Start: 14509, Stop: 15321, Start Num: 21

Candidate Starts for PinkCoffee_22:

(Start: 21 @14509 has 30 MA's), (46, 14590), (80, 14740), (110, 14887), (117, 14923), (145, 15037), (201, 15307),

Gene: Pinkman_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Pinkman_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Pipefish_15 Start: 14024, Stop: 14833, Start Num: 11

Candidate Starts for Pipefish_15:

(Start: 11 @14024 has 45 MA's), (40, 14087), (51, 14150), (73, 14246), (82, 14294), (84, 14300), (92, 14348), (108, 14420), (114, 14450), (117, 14453), (122, 14471), (137, 14531), (143, 14552), (163, 14618), (191, 14759), (192, 14762),

Gene: Pipsqueak_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Pipsqueak_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Placalicious_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Placalicious_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Plmatters_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Plmatters_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Podrick_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Podrick_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Pops_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Pops_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Portcullis_20 Start: 13859, Stop: 14671, Start Num: 21

Candidate Starts for Portcullis_20:

(Start: 21 @13859 has 30 MA's), (46, 13940), (80, 14090), (110, 14237), (117, 14273), (145, 14387), (201, 14657),

Gene: Poster_12 Start: 12252, Stop: 13046, Start Num: 13

Candidate Starts for Poster_12:

(Start: 13 @12252 has 381 MA's), (24, 12273), (29, 12282), (43, 12339), (51, 12384), (82, 12522), (92, 12576), (98, 12597), (103, 12618), (105, 12624), (122, 12711), (133, 12753), (163, 12849), (166, 12867), (171, 12891), (179, 12933), (188, 12975), (200, 13023),

Gene: Potter_12 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for Potter_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Prickles_13 Start: 11608, Stop: 12411, Start Num: 13

Candidate Starts for Prickles_13:

(Start: 13 @11608 has 381 MA's), (24, 11629), (31, 11641), (34, 11653), (69, 11815), (84, 11884), (92, 11932), (108, 12004), (120, 12049), (126, 12073), (139, 12124), (160, 12178), (171, 12235), (178, 12274),

Gene: Prince_13 Start: 13506, Stop: 14300, Start Num: 13

Candidate Starts for Prince_13:

(Start: 13 @13506 has 381 MA's), (24, 13527), (31, 13539), (51, 13638), (82, 13776), (92, 13830), (98, 13851), (103, 13872), (105, 13878), (108, 13902), (122, 13965), (133, 14007), (163, 14103), (164, 14106), (171, 14145), (179, 14187), (188, 14229), (200, 14277),

Gene: ProfessorX_13 Start: 11600, Stop: 12397, Start Num: 13

Candidate Starts for ProfessorX_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Puhltonio_13 Start: 11593, Stop: 12396, Start Num: 13

Candidate Starts for Puhltonio_13:

(Start: 13 @11593 has 381 MA's), (24, 11614), (31, 11626), (34, 11638), (69, 11800), (84, 11869), (92, 11917), (108, 11989), (120, 12034), (126, 12058), (139, 12109), (160, 12163), (171, 12220), (178, 12259),

Gene: PullumCavea_20 Start: 13916, Stop: 14728, Start Num: 21

Candidate Starts for PullumCavea_20:

(Start: 21 @13916 has 30 MA's), (46, 13997), (80, 14147), (110, 14294), (117, 14330), (145, 14444), (201, 14714),

Gene: QueenBeane_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for QueenBeane_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: QueenPie_13 Start: 13850, Stop: 14644, Start Num: 13

Candidate Starts for QueenPie_13:

(Start: 13 @13850 has 381 MA's), (24, 13871), (31, 13883), (43, 13937), (51, 13982), (82, 14120), (92, 14174), (98, 14195), (103, 14216), (105, 14222), (133, 14351), (163, 14447), (166, 14465), (171, 14489), (188, 14573), (200, 14621),

Gene: Quesadilla_15 Start: 14040, Stop: 14831, Start Num: 7

Candidate Starts for Quesadilla_15:

(Start: 7 @14040 has 1 MA's), (31, 14085), (51, 14181), (71, 14268), (78, 14304), (82, 14316), (100, 14400), (122, 14502), (128, 14523), (132, 14541), (169, 14676), (171, 14682), (200, 14814),

Gene: Quisquilliae_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Quisquilliae_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Qyrzula_15 Start: 14622, Stop: 15440, Start Num: 9

Candidate Starts for Qyrzula_15:

(Start: 9 @14622 has 32 MA's), (51, 14766), (Start: 70 @14847 has 1 MA's), (80, 14901), (82, 14907), (94, 14967), (104, 15006), (110, 15045), (122, 15084), (150, 15180), (163, 15228), (171, 15270), (177, 15306), (192, 15372),

Gene: RagingRooster_15 Start: 13141, Stop: 13950, Start Num: 11

Candidate Starts for RagingRooster_15:

(Start: 11 @13141 has 45 MA's), (40, 13204), (51, 13267), (73, 13363), (82, 13411), (84, 13417), (92, 13465), (108, 13537), (114, 13567), (122, 13588), (137, 13648), (143, 13669), (163, 13735), (191, 13876), (192, 13879),

Gene: RawrgerThat_13 Start: 13340, Stop: 14134, Start Num: 13

Candidate Starts for RawrgerThat_13:

(Start: 13 @13340 has 381 MA's), (24, 13361), (31, 13373), (51, 13472), (82, 13610), (92, 13664), (98, 13685), (103, 13706), (105, 13712), (108, 13736), (122, 13799), (133, 13841), (163, 13937), (171, 13979), (179, 14021), (188, 14063), (200, 14111),

Gene: RedMaple_12 Start: 11596, Stop: 12399, Start Num: 13

Candidate Starts for RedMaple_12:

(Start: 13 @11596 has 381 MA's), (24, 11617), (31, 11629), (34, 11641), (69, 11803), (84, 11872), (92, 11920), (108, 11992), (120, 12037), (126, 12061), (139, 12112), (160, 12166), (171, 12223), (178, 12262),

Gene: Reprobate_14 Start: 13592, Stop: 14398, Start Num: 13

Candidate Starts for Reprobate_14:

(Start: 13 @13592 has 381 MA's), (24, 13604), (47, 13682), (83, 13886), (84, 13889), (92, 13937), (98, 13958), (108, 14009), (124, 14072), (144, 14144), (163, 14201), (186, 14321),

Gene: Rhinoforte_16 Start: 14649, Stop: 15467, Start Num: 9

Candidate Starts for Rhinoforte_16:

(Start: 9 @14649 has 32 MA's), (51, 14793), (Start: 70 @14874 has 1 MA's), (80, 14928), (82, 14934), (94, 14994), (104, 15033), (110, 15072), (122, 15111), (150, 15207), (163, 15255), (171, 15297), (177, 15333), (192, 15399),

Gene: Ribeye_22 Start: 17792, Stop: 18619, Start Num: 13

Candidate Starts for Ribeye_22:

(Start: 13 @17792 has 381 MA's), (Start: 17 @17801 has 2 MA's), (50, 17903), (72, 17993), (102, 18134), (110, 18182), (120, 18233), (134, 18287), (148, 18338), (153, 18356), (161, 18386), (165, 18407), (168, 18443), (174, 18473), (189, 18554), (194, 18572), (199, 18587), (201, 18605),

Gene: Rich_14 Start: 13348, Stop: 14154, Start Num: 13

Candidate Starts for Rich_14:

(Start: 13 @13348 has 381 MA's), (27, 13363), (36, 13390), (41, 13414), (47, 13438), (83, 13642), (84, 13645), (100, 13723), (107, 13753), (108, 13765), (124, 13828), (128, 13840), (163, 13957), (171, 13999), (179, 14041), (186, 14077),

Gene: Ricotta_12 Start: 11308, Stop: 12111, Start Num: 13

Candidate Starts for Ricotta_12:

(Start: 13 @11308 has 381 MA's), (24, 11329), (31, 11341), (34, 11353), (69, 11515), (84, 11584), (92, 11632), (108, 11704), (120, 11749), (126, 11773), (139, 11824), (160, 11878), (171, 11935), (178, 11974),

Gene: Riggan_13 Start: 11606, Stop: 12403, Start Num: 13

Candidate Starts for Riggan_13:

(Start: 13 @11606 has 381 MA's), (24, 11627), (31, 11639), (34, 11651), (69, 11813), (84, 11882), (92, 11930), (108, 12002), (120, 12047), (126, 12071), (139, 12122), (160, 12176), (171, 12233), (178, 12272),

Gene: Rimu_12 Start: 11302, Stop: 12105, Start Num: 13

Candidate Starts for Rimu_12:

(Start: 13 @11302 has 381 MA's), (24, 11323), (31, 11335), (34, 11347), (69, 11509), (84, 11578), (92, 11626), (108, 11698), (120, 11743), (126, 11767), (139, 11818), (160, 11872), (171, 11929), (178, 11968),

Gene: Rinkes_18 Start: 15361, Stop: 16194, Start Num: 13

Candidate Starts for Rinkes_18:

(Start: 13 @15361 has 381 MA's), (31, 15397), (49, 15475), (106, 15769), (112, 15805), (122, 15841), (132, 15880), (144, 15925), (148, 15931), (159, 15958), (167, 16015), (181, 16087), (191, 16132),

Gene: Rita1961_15 Start: 13135, Stop: 13944, Start Num: 11

Candidate Starts for Rita1961_15:

(Start: 11 @13135 has 45 MA's), (40, 13198), (51, 13261), (73, 13357), (82, 13405), (84, 13411), (92, 13459), (108, 13531), (114, 13561), (122, 13582), (137, 13642), (143, 13663), (163, 13729), (191, 13870), (192, 13873),

Gene: RiverRaider_22 Start: 16175, Stop: 17002, Start Num: 14

Candidate Starts for RiverRaider_22:

(Start: 13 @16172 has 381 MA's), (Start: 14 @16175 has 1 MA's), (Start: 17 @16181 has 2 MA's), (50, 16286), (102, 16517), (110, 16565), (120, 16616), (148, 16721), (153, 16739), (154, 16742), (161, 16769), (168, 16826), (172, 16850), (173, 16853), (174, 16856), (183, 16913), (189, 16937), (194, 16955),

Gene: RoadKill_19 Start: 15230, Stop: 16060, Start Num: 10

Candidate Starts for RoadKill_19:

(Start: 10 @15230 has 15 MA's), (55, 15386), (57, 15398), (79, 15476), (97, 15560), (107, 15602), (110, 15629), (134, 15731), (138, 15752), (148, 15782), (172, 15911), (174, 15917), (177, 15938), (189, 15998),

Gene: Robyn_12 Start: 11157, Stop: 11960, Start Num: 13

Candidate Starts for Robyn_12:

(Start: 13 @11157 has 381 MA's), (24, 11178), (31, 11190), (34, 11202), (69, 11364), (84, 11433), (92, 11481), (108, 11553), (120, 11598), (126, 11622), (139, 11673), (160, 11727), (171, 11784), (178, 11823),

Gene: Rofo_21 Start: 17144, Stop: 17974, Start Num: 13

Candidate Starts for Rofo_21:

(Start: 13 @17144 has 381 MA's), (Start: 17 @17153 has 2 MA's), (50, 17258), (72, 17348), (84, 17402), (88, 17426), (102, 17489), (110, 17537), (115, 17564), (122, 17594), (148, 17693), (161, 17741), (168, 17798), (172, 17822), (174, 17828), (185, 17897), (189, 17909), (194, 17927), (199, 17942),

Gene: RogerDodger_23 Start: 14709, Stop: 15521, Start Num: 21

Candidate Starts for RogerDodger_23:

(Start: 21 @14709 has 30 MA's), (46, 14790), (80, 14940), (110, 15087), (117, 15123), (145, 15237), (201, 15507),

Gene: Roliet_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for Roliet_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: RomaT_15 Start: 13921, Stop: 14730, Start Num: 11

Candidate Starts for RomaT_15:

(Start: 11 @13921 has 45 MA's), (40, 13984), (51, 14047), (73, 14143), (82, 14191), (84, 14197), (92, 14245), (108, 14317), (114, 14347), (117, 14350), (122, 14368), (137, 14428), (143, 14449), (163, 14515), (191, 14656), (192, 14659),

Gene: Roscoe_14 Start: 11837, Stop: 12634, Start Num: 13

Candidate Starts for Roscoe_14:

(Start: 13 @11837 has 381 MA's), (24, 11858), (31, 11870), (34, 11882), (69, 12044), (84, 12113), (92, 12161), (108, 12233), (120, 12278), (126, 12302), (139, 12353), (160, 12407), (171, 12464), (178, 12503),

Gene: Rosebush_16 Start: 14649, Stop: 15467, Start Num: 9

Candidate Starts for Rosebush_16:

(Start: 9 @14649 has 32 MA's), (51, 14793), (Start: 70 @14874 has 1 MA's), (80, 14928), (82, 14934), (94, 14994), (104, 15033), (110, 15072), (122, 15111), (150, 15207), (163, 15255), (171, 15297), (177, 15333), (192, 15399),

Gene: Roy17_13 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for Roy17_13:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: SDcharge11_13 Start: 11595, Stop: 12398, Start Num: 13

Candidate Starts for SDcharge11_13:

(Start: 13 @11595 has 381 MA's), (24, 11616), (31, 11628), (34, 11640), (69, 11802), (84, 11871), (92, 11919), (108, 11991), (120, 12036), (126, 12060), (139, 12111), (160, 12165), (171, 12222), (178, 12261),

Gene: Sabella_16 Start: 14535, Stop: 15353, Start Num: 9

Candidate Starts for Sabella_16:

(Start: 9 @14535 has 32 MA's), (51, 14679), (Start: 70 @14760 has 1 MA's), (80, 14814), (82, 14820), (94, 14880), (104, 14919), (110, 14958), (122, 14997), (150, 15093), (163, 15141), (171, 15183), (177, 15219), (192, 15285),

Gene: Saguaro_15 Start: 14245, Stop: 15039, Start Num: 8

Candidate Starts for Saguaro_15:

(Start: 8 @14245 has 1 MA's), (15, 14260), (31, 14287), (44, 14341), (77, 14497), (78, 14506), (82, 14518), (92, 14572), (104, 14617), (116, 14683), (130, 14731), (139, 14773), (171, 14884), (188, 14968), (191, 14983), (200, 15016),

Gene: Salvador_20 Start: 13830, Stop: 14642, Start Num: 21

Candidate Starts for Salvador_20:

(Start: 21 @13830 has 30 MA's), (46, 13911), (80, 14061), (110, 14208), (117, 14244), (145, 14358), (201, 14628),

Gene: Samaymay_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Samaymay_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Sampson_22 Start: 17485, Stop: 18309, Start Num: 20

Candidate Starts for Sampson_22:

(Start: 20 @17485 has 9 MA's), (42, 17557), (56, 17623), (74, 17698), (84, 17740), (96, 17797), (110, 17869), (113, 17890), (118, 17911), (134, 17971), (138, 17992), (144, 18013), (148, 18022), (154, 18043), (161, 18070), (168, 18127), (172, 18151), (174, 18157), (177, 18178), (188, 18235), (195, 18259),

Gene: Sanjuju_19 Start: 16656, Stop: 17486, Start Num: 13

Candidate Starts for Sanjuju_19:

(Start: 13 @16656 has 381 MA's), (Start: 17 @16665 has 2 MA's), (50, 16770), (72, 16860), (84, 16914), (88, 16938), (102, 17001), (110, 17049), (115, 17076), (148, 17205), (161, 17253), (168, 17310), (172, 17334), (174, 17340), (185, 17409), (189, 17421), (194, 17439), (199, 17454),

Gene: Saronaya_21 Start: 16571, Stop: 17398, Start Num: 13

Candidate Starts for Saronaya_21:

(Start: 13 @16571 has 381 MA's), (Start: 17 @16580 has 2 MA's), (50, 16682), (72, 16772), (102, 16913), (110, 16961), (120, 17012), (134, 17066), (148, 17117), (153, 17135), (161, 17165), (165, 17186), (168, 17222), (174, 17252), (189, 17333), (194, 17351), (199, 17366),

Gene: SassyCat97_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for SassyCat97_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Savbucketdawg_20 Start: 13611, Stop: 14423, Start Num: 21

Candidate Starts for Savbucketdawg_20:

(Start: 21 @13611 has 30 MA's), (46, 13692), (80, 13842), (110, 13989), (117, 14025), (145, 14139), (201, 14409),

Gene: Schadenfreude_12 Start: 11147, Stop: 11950, Start Num: 13

Candidate Starts for Schadenfreude_12:

(Start: 13 @11147 has 381 MA's), (24, 11168), (31, 11180), (34, 11192), (69, 11354), (84, 11423), (92, 11471), (108, 11543), (120, 11588), (126, 11612), (139, 11663), (160, 11717), (171, 11774), (178, 11813),

Gene: SchottB_20 Start: 17572, Stop: 18399, Start Num: 13

Candidate Starts for SchottB_20:

(Start: 13 @17572 has 381 MA's), (Start: 17 @17581 has 2 MA's), (50, 17683), (77, 17797), (102, 17914), (110, 17962), (120, 18013), (134, 18067), (148, 18118), (153, 18136), (161, 18166), (165, 18187), (168, 18223), (174, 18253), (189, 18334), (194, 18352), (199, 18367),

Gene: Schueller_12 Start: 11306, Stop: 12103, Start Num: 13

Candidate Starts for Schueller_12:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: Scioto_22 Start: 17540, Stop: 18364, Start Num: 20

Candidate Starts for Scioto_22:

(Start: 20 @17540 has 9 MA's), (42, 17612), (56, 17678), (74, 17753), (84, 17795), (96, 17852), (110, 17924), (113, 17945), (118, 17966), (134, 18026), (138, 18047), (144, 18068), (148, 18077), (154, 18098), (161, 18125), (168, 18182), (172, 18206), (174, 18212), (177, 18233), (188, 18290), (195, 18314),

Gene: Scoot17C_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for Scoot17C_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Scrick_12 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for Scrick_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Sedona_23 Start: 18961, Stop: 19791, Start Num: 13

Candidate Starts for Sedona_23:

(Start: 13 @18961 has 381 MA's), (Start: 17 @18970 has 2 MA's), (50, 19075), (72, 19165), (77, 19189), (84, 19219), (88, 19243), (102, 19306), (110, 19354), (115, 19381), (148, 19510), (161, 19558), (168, 19615), (172, 19639), (174, 19645), (185, 19714), (189, 19726), (194, 19744), (199, 19759),

Gene: Sejanus_11 Start: 11588, Stop: 12436, Start Num: 13

Candidate Starts for Sejanus_11:

(Start: 13 @11588 has 381 MA's), (27, 11603), (51, 11714), (54, 11726), (62, 11759), (84, 11861), (92, 11909), (105, 11957), (108, 11981), (119, 12023), (152, 12131), (163, 12176), (166, 12194), (179, 12260), (181, 12272), (186, 12296), (191, 12317), (200, 12350),

Gene: Selr12_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Selr12_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Serendipitous_14 Start: 13398, Stop: 14204, Start Num: 13

Candidate Starts for Serendipitous_14:

(Start: 13 @13398 has 381 MA's), (47, 13488), (83, 13692), (100, 13773), (108, 13815), (117, 13851), (124, 13878), (144, 13950), (163, 14007), (171, 14049), (179, 14091), (186, 14127),

Gene: Serendipity_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Serendipity_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Serpentine_0013 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Serpentine_0013:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Shatter_12 Start: 11636, Stop: 12418, Start Num: 13

Candidate Starts for Shatter_12:

(Start: 13 @11636 has 381 MA's), (Start: 20 @11648 has 9 MA's), (44, 11726), (171, 12272), (172, 12287), (177, 12308), (186, 12350), (188, 12356), (197, 12395),

Gene: Sheila_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Sheila_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Shenyu_14 Start: 13334, Stop: 14140, Start Num: 13

Candidate Starts for Shenyu_14:

(Start: 13 @13334 has 381 MA's), (47, 13424), (83, 13628), (100, 13709), (108, 13751), (124, 13814), (128, 13826), (144, 13886), (163, 13943), (171, 13985), (186, 14063), (200, 14117),

Gene: ShiVal_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for ShiVal_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Shinji_20 Start: 13800, Stop: 14612, Start Num: 21

Candidate Starts for Shinji_20:

(Start: 21 @13800 has 30 MA's), (46, 13881), (80, 14031), (110, 14178), (117, 14214), (145, 14328), (201, 14598),

Gene: Shivanishola_21 Start: 16950, Stop: 17780, Start Num: 13

Candidate Starts for Shivanishola_21:

(Start: 13 @16950 has 381 MA's), (Start: 17 @16959 has 2 MA's), (50, 17064), (72, 17154), (84, 17208), (88, 17232), (102, 17295), (110, 17343), (115, 17370), (119, 17391), (122, 17400), (148, 17499), (161, 17547), (168, 17604), (172, 17628), (174, 17634), (185, 17703), (189, 17715), (194, 17733), (199, 17748),

Gene: Sigman_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Sigman_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: SilverBell_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for SilverBell_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Simielle_12 Start: 11300, Stop: 12097, Start Num: 13

Candidate Starts for Simielle_12:

(Start: 13 @11300 has 381 MA's), (24, 11321), (31, 11333), (34, 11345), (69, 11507), (84, 11576), (92, 11624), (108, 11696), (120, 11741), (126, 11765), (139, 11816), (160, 11870), (171, 11927), (178, 11966),

Gene: SirJeffery_14 Start: 13351, Stop: 14157, Start Num: 13

Candidate Starts for SirJeffery_14:

(Start: 13 @13351 has 381 MA's), (27, 13366), (36, 13393), (47, 13441), (100, 13726), (108, 13768), (112, 13786), (117, 13804), (124, 13831), (128, 13843), (144, 13903), (163, 13960), (166, 13978), (171, 14002), (179, 14044), (186, 14080),

Gene: Sisko_12 Start: 11968, Stop: 12750, Start Num: 13

Candidate Starts for Sisko_12:

(Start: 13 @11968 has 381 MA's), (31, 12007), (44, 12061), (94, 12301), (100, 12325), (134, 12463), (138, 12484), (166, 12580), (170, 12601), (172, 12619), (179, 12646), (197, 12727),

Gene: Sitar_23 Start: 18329, Stop: 19159, Start Num: 13

Candidate Starts for Sitar_23:

(Start: 13 @18329 has 381 MA's), (Start: 17 @18338 has 2 MA's), (50, 18443), (72, 18533), (77, 18557), (84, 18587), (88, 18611), (102, 18674), (110, 18722), (115, 18749), (148, 18878), (161, 18926), (168, 18983), (172, 19007), (174, 19013), (185, 19082), (189, 19094), (194, 19112), (199, 19127),

Gene: Skippy_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Skippy_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Slatt_13 Start: 11607, Stop: 12410, Start Num: 13

Candidate Starts for Slatt_13:

(Start: 13 @11607 has 381 MA's), (24, 11628), (31, 11640), (34, 11652), (69, 11814), (84, 11883), (92, 11931), (108, 12003), (120, 12048), (126, 12072), (139, 12123), (160, 12177), (171, 12234), (178, 12273),

Gene: SlippinJimmy_15 Start: 13905, Stop: 14714, Start Num: 11

Candidate Starts for SlippinJimmy_15:

(Start: 11 @13905 has 45 MA's), (40, 13968), (51, 14031), (73, 14127), (82, 14175), (84, 14181), (92, 14229), (108, 14301), (114, 14331), (117, 14334), (122, 14352), (137, 14412), (143, 14433), (163, 14499), (191, 14640), (192, 14643),

Gene: SmokingBunny_20 Start: 13830, Stop: 14642, Start Num: 21

Candidate Starts for SmokingBunny_20:

(Start: 21 @13830 has 30 MA's), (46, 13911), (80, 14061), (110, 14208), (117, 14244), (145, 14358), (201, 14628),

Gene: Soile_13 Start: 11308, Stop: 12111, Start Num: 13

Candidate Starts for Soile_13:

(Start: 13 @11308 has 381 MA's), (24, 11329), (31, 11341), (34, 11353), (69, 11515), (84, 11584), (92, 11632), (108, 11704), (120, 11749), (126, 11773), (139, 11824), (160, 11878), (171, 11935), (178, 11974),

Gene: Solosis_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Solosis_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Soos_41 Start: 24289, Stop: 25056, Start Num: 13

Candidate Starts for Soos_41:

(Start: 13 @24289 has 381 MA's), (39, 24355), (47, 24391), (87, 24562), (88, 24565), (119, 24715), (134, 24769), (172, 24925), (174, 24931), (191, 25009), (198, 25036),

Gene: Sophia_12 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Sophia_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Soto_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Soto_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Sour_15 Start: 13282, Stop: 14088, Start Num: 3

Candidate Starts for Sour_15:

(Start: 3 @13282 has 1 MA's), (Start: 13 @13324 has 381 MA's), (31, 13348), (42, 13399), (48, 13423), (51, 13447), (76, 13555), (94, 13639), (95, 13645), (119, 13747), (122, 13756), (138, 13822), (163, 13900), (170, 13939), (178, 13981),

Gene: Spartan300_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Spartan300_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Squid_13 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Squid_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Squiggle_13 Start: 11309, Stop: 12106, Start Num: 13

Candidate Starts for Squiggle_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: StAugustine_19 Start: 15471, Stop: 16352, Start Num: 13

Candidate Starts for StAugustine_19:

(Start: 13 @15471 has 381 MA's), (19, 15483), (83, 15759), (86, 15777), (119, 15924), (146, 16023), (149, 16029), (160, 16068), (163, 16083), (166, 16101), (169, 16119), (200, 16284),

Gene: Sting_44 Start: 24728, Stop: 25495, Start Num: 13

Candidate Starts for Sting_44:

(Start: 13 @24728 has 381 MA's), (39, 24794), (47, 24830), (87, 25001), (88, 25004), (119, 25154), (134, 25208), (172, 25364), (174, 25370), (191, 25448), (198, 25475),

Gene: Stinger_11 Start: 11803, Stop: 12600, Start Num: 13

Candidate Starts for Stinger_11:

(Start: 13 @11803 has 381 MA's), (29, 11830), (43, 11887), (51, 11932), (82, 12070), (92, 12124), (98, 12145), (103, 12166), (105, 12172), (108, 12196), (133, 12301), (160, 12388), (166, 12421), (171, 12445), (179, 12487), (188, 12529), (200, 12577),

Gene: StinkyVeggy_15 Start: 13490, Stop: 14296, Start Num: 13

Candidate Starts for StinkyVeggy_15:

(Start: 13 @13490 has 381 MA's), (83, 13784), (100, 13865), (108, 13907), (124, 13970), (128, 13982), (144, 14042), (163, 14099), (171, 14141), (186, 14219), (200, 14273),

Gene: StorminNorm_21 Start: 16451, Stop: 17278, Start Num: 13

Candidate Starts for StorminNorm_21:

(Start: 13 @16451 has 381 MA's), (Start: 17 @16460 has 2 MA's), (50, 16562), (53, 16589), (72, 16652), (77, 16676), (102, 16793), (110, 16841), (120, 16892), (134, 16946), (148, 16997), (153, 17015), (161, 17045), (165, 17066), (168, 17102), (174, 17132), (189, 17213), (194, 17231), (199, 17246),

Gene: Struggle_12 Start: 11155, Stop: 11952, Start Num: 13

Candidate Starts for Struggle_12:

(Start: 13 @11155 has 381 MA's), (24, 11176), (31, 11188), (34, 11200), (84, 11431), (92, 11479), (108, 11551), (120, 11596), (126, 11620), (139, 11671), (160, 11725), (171, 11782), (178, 11821),

Gene: Stultus_21 Start: 16940, Stop: 17770, Start Num: 13

Candidate Starts for Stultus_21:

(Start: 13 @16940 has 381 MA's), (Start: 17 @16949 has 2 MA's), (50, 17054), (72, 17144), (77, 17168), (84, 17198), (88, 17222), (102, 17285), (110, 17333), (115, 17360), (148, 17489), (161, 17537), (168, 17594), (172, 17618), (174, 17624), (185, 17693), (189, 17705), (194, 17723), (199, 17738),

Gene: Suffolk_13 Start: 11601, Stop: 12404, Start Num: 13

Candidate Starts for Suffolk_13:

(Start: 13 @11601 has 381 MA's), (24, 11622), (31, 11634), (34, 11646), (69, 11808), (84, 11877), (92, 11925), (108, 11997), (120, 12042), (126, 12066), (139, 12117), (160, 12171), (171, 12228), (178, 12267),

Gene: Suigeneris_14 Start: 13351, Stop: 14157, Start Num: 13

Candidate Starts for Suigeneris_14:

(Start: 13 @13351 has 381 MA's), (27, 13366), (36, 13393), (47, 13441), (100, 13726), (108, 13768), (112, 13786), (117, 13804), (124, 13831), (128, 13843), (144, 13903), (163, 13960), (166, 13978), (171, 14002), (179, 14044), (186, 14080),

Gene: Sunfish_33 Start: 16941, Stop: 17747, Start Num: 18

Candidate Starts for Sunfish_33:

(18, 16941), (55, 17088), (60, 17106), (84, 17199), (93, 17250), (106, 17304), (109, 17322), (116, 17376), (142, 17475),

Gene: Surely_13 Start: 11605, Stop: 12408, Start Num: 13

Candidate Starts for Surely_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Swiphy_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Swiphy_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Swish_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Swish_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: SynergyX_15 Start: 13141, Stop: 13950, Start Num: 11

Candidate Starts for SynergyX_15:

(Start: 11 @13141 has 45 MA's), (40, 13204), (51, 13267), (73, 13363), (82, 13411), (84, 13417), (92, 13465), (108, 13537), (114, 13567), (122, 13588), (137, 13648), (143, 13669), (163, 13735), (191, 13876), (192, 13879),

Gene: TA17A_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for TA17A_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: TPA2_22 Start: 14324, Stop: 15103, Start Num: 13

Candidate Starts for TPA2_22:

(1, 14264), (Start: 13 @14324 has 381 MA's), (31, 14357), (45, 14414), (108, 14711), (122, 14762), (141, 14837), (171, 14948), (181, 15002), (184, 15020), (188, 15032),

Gene: TallGrassMM_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for TallGrassMM_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Tangent_19 Start: 16145, Stop: 16975, Start Num: 13

Candidate Starts for Tangent_19:

(Start: 13 @16145 has 381 MA's), (Start: 17 @16154 has 2 MA's), (50, 16259), (72, 16349), (84, 16403), (88, 16427), (102, 16490), (110, 16538), (115, 16565), (119, 16586), (122, 16595), (148, 16694), (161, 16742), (168, 16799), (172, 16823), (174, 16829), (185, 16898), (189, 16910), (194, 16928), (199, 16943),

Gene: Tangerine_21 Start: 16457, Stop: 17284, Start Num: 13

Candidate Starts for Tangerine_21:

(Start: 13 @16457 has 381 MA's), (Start: 17 @16466 has 2 MA's), (50, 16568), (53, 16595), (72, 16658), (77, 16682), (102, 16799), (110, 16847), (120, 16898), (134, 16952), (148, 17003), (153, 17021), (161, 17051), (165, 17072), (168, 17108), (174, 17138), (189, 17219), (194, 17237), (199, 17252),

Gene: Taptic_10 Start: 12673, Stop: 13449, Start Num: 13

Candidate Starts for Taptic_10:

(Start: 13 @12673 has 381 MA's), (31, 12694), (32, 12697), (37, 12715), (44, 12748), (52, 12802), (54, 12808), (62, 12841), (92, 12988), (99, 13012), (100, 13018), (119, 13102), (141, 13186), (155, 13228), (177, 13333), (180, 13339), (192, 13399),

Gene: Tardus_23 Start: 16820, Stop: 17644, Start Num: 20

Candidate Starts for Tardus_23:

(Start: 20 @16820 has 9 MA's), (42, 16892), (84, 17075), (96, 17132), (110, 17204), (113, 17225), (134, 17306), (138, 17327), (148, 17357), (154, 17378), (161, 17405), (168, 17462), (172, 17486), (174, 17492), (177, 17513), (188, 17570), (195, 17594),

Gene: Telesworld_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Telesworld_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Thing3_22 Start: 17689, Stop: 18519, Start Num: 13

Candidate Starts for Thing3_22:

(Start: 13 @17689 has 381 MA's), (Start: 17 @17698 has 2 MA's), (50, 17803), (72, 17893), (84, 17947), (88, 17971), (102, 18034), (110, 18082), (115, 18109), (148, 18238), (161, 18286), (168, 18343), (172, 18367), (174, 18373), (185, 18442), (189, 18454), (194, 18472), (199, 18487),

Gene: Thonko_14 Start: 11261, Stop: 12043, Start Num: 13

Candidate Starts for Thonko_14:

(Start: 13 @11261 has 381 MA's), (24, 11273), (31, 11285), (92, 11579), (110, 11663), (126, 11732),

Gene: Thora_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Thora_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: ThreeOh3D2_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for ThreeOh3D2_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Thunderbird_12 Start: 11305, Stop: 12108, Start Num: 13

Candidate Starts for Thunderbird_12:

(Start: 13 @11305 has 381 MA's), (24, 11326), (31, 11338), (34, 11350), (69, 11512), (84, 11581), (92, 11629), (108, 11701), (120, 11746), (126, 11770), (139, 11821), (160, 11875), (171, 11932), (178, 11971),

Gene: Tiamoceli_22 Start: 16582, Stop: 17412, Start Num: 10

Candidate Starts for Tiamoceli_22:

(Start: 10 @16582 has 15 MA's), (55, 16738), (57, 16750), (79, 16828), (97, 16912), (107, 16954), (110, 16981), (134, 17083), (148, 17134), (172, 17263), (174, 17269), (177, 17290), (189, 17350), (192, 17365),

Gene: TillyBobJoe_20 Start: 13614, Stop: 14426, Start Num: 21

Candidate Starts for TillyBobJoe_20:

(Start: 21 @13614 has 30 MA's), (46, 13695), (80, 13845), (110, 13992), (117, 14028), (145, 14142), (201, 14412),

Gene: Timmi_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Timmi_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Tinciduntolum_17 Start: 14651, Stop: 15469, Start Num: 9

Candidate Starts for Tinciduntolum_17:

(Start: 9 @14651 has 32 MA's), (51, 14795), (Start: 70 @14876 has 1 MA's), (80, 14930), (82, 14936), (94, 14996), (104, 15035), (110, 15074), (122, 15113), (150, 15209), (163, 15257), (171, 15299), (177, 15335), (192, 15401),

Gene: Togo_20 Start: 13830, Stop: 14642, Start Num: 21

Candidate Starts for Togo_20:

(Start: 21 @13830 has 30 MA's), (46, 13911), (80, 14061), (110, 14208), (117, 14244), (145, 14358), (201, 14628),

Gene: TomBombadil_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for TomBombadil_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Tomlarah_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Tomlarah_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Toni_12 Start: 11313, Stop: 12110, Start Num: 13

Candidate Starts for Toni_12:

(Start: 13 @11313 has 381 MA's), (24, 11334), (31, 11346), (34, 11358), (69, 11520), (84, 11589), (92, 11637), (108, 11709), (120, 11754), (126, 11778), (139, 11829), (160, 11883), (171, 11940), (178, 11979),

Gene: Tonitrus_31 Start: 21138, Stop: 21920, Start Num: 13

Candidate Starts for Tonitrus_31:

(6, 21117), (Start: 13 @21138 has 381 MA's), (27, 21162), (35, 21186), (51, 21267), (84, 21399), (105, 21495), (119, 21579), (124, 21597), (131, 21624), (134, 21633), (151, 21687), (156, 21708), (175, 21795), (181, 21828), (193, 21879),

Gene: Tooj_13 Start: 11603, Stop: 12406, Start Num: 13

Candidate Starts for Tooj_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (69, 11810), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Tres_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Tres_16:

(Start: 9 @14532 has 32 MA's), (51, 14676), (Start: 70 @14757 has 1 MA's), (80, 14811), (82, 14817), (94, 14877), (104, 14916), (110, 14955), (122, 14994), (150, 15090), (163, 15138), (171, 15180), (177, 15216), (192, 15282),

Gene: True_12 Start: 11310, Stop: 12107, Start Num: 13

Candidate Starts for True_12:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Trypo_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Trypo_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Twister6_22 Start: 14256, Stop: 15068, Start Num: 21

Candidate Starts for Twister6_22:

(Start: 21 @14256 has 30 MA's), (46, 14337), (80, 14487), (110, 14634), (117, 14670), (145, 14784), (201, 15054),

Gene: Twonlo_19 Start: 15199, Stop: 16029, Start Num: 10

Candidate Starts for Twonlo_19:

(Start: 10 @15199 has 15 MA's), (55, 15355), (57, 15367), (79, 15445), (89, 15490), (97, 15529), (107, 15571), (110, 15598), (134, 15700), (148, 15751), (172, 15880), (174, 15886), (177, 15907), (189, 15967), (192, 15982),

Gene: Tycho_21 Start: 16586, Stop: 17413, Start Num: 13

Candidate Starts for Tycho_21:

(Start: 13 @16586 has 381 MA's), (Start: 17 @16595 has 2 MA's), (50, 16697), (72, 16787), (102, 16928), (110, 16976), (120, 17027), (134, 17081), (148, 17132), (153, 17150), (161, 17180), (165, 17201), (168, 17237), (174, 17267), (189, 17348), (194, 17366), (199, 17381),

Gene: Tydolla_15 Start: 13878, Stop: 14687, Start Num: 11

Candidate Starts for Tydolla_15:

(Start: 11 @13878 has 45 MA's), (40, 13941), (51, 14004), (73, 14100), (82, 14148), (84, 14154), (92, 14202), (108, 14274), (114, 14304), (122, 14325), (137, 14385), (143, 14406), (163, 14472), (191, 14613), (192, 14616),

Gene: TyrionL_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for TyrionL_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: UAch1_13 Start: 11602, Stop: 12405, Start Num: 13

Candidate Starts for UAch1_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: UncleHowie_13 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for UncleHowie_13:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Usavi_13 Start: 11599, Stop: 12402, Start Num: 13

Candidate Starts for Usavi_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: Vaishali24_12 Start: 11274, Stop: 12077, Start Num: 13

Candidate Starts for Vaishali24_12:

(Start: 13 @11274 has 381 MA's), (24, 11295), (31, 11307), (34, 11319), (69, 11481), (84, 11550), (92, 11598), (108, 11670), (120, 11715), (126, 11739), (139, 11790), (160, 11844), (171, 11901), (178, 11940),

Gene: Valary_23 Start: 14709, Stop: 15521, Start Num: 21

Candidate Starts for Valary_23:

(Start: 21 @14709 has 30 MA's), (46, 14790), (80, 14940), (110, 15087), (117, 15123), (145, 15237), (201, 15507),

Gene: Valjean_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Valjean_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: VanDeWege_23 Start: 14637, Stop: 15449, Start Num: 21

Candidate Starts for VanDeWege_23:

(Start: 21 @14637 has 30 MA's), (46, 14718), (80, 14868), (110, 15015), (117, 15051), (145, 15165), (201, 15435),

Gene: Vaticameos_13 Start: 11306, Stop: 12103, Start Num: 13

Candidate Starts for Vaticameos_13:

(Start: 13 @11306 has 381 MA's), (24, 11327), (31, 11339), (34, 11351), (69, 11513), (84, 11582), (92, 11630), (108, 11702), (120, 11747), (126, 11771), (139, 11822), (160, 11876), (171, 11933), (178, 11972),

Gene: Veritas_12 Start: 11149, Stop: 11946, Start Num: 13

Candidate Starts for Veritas_12:

(Start: 13 @11149 has 381 MA's), (24, 11170), (31, 11182), (34, 11194), (84, 11425), (92, 11473), (108, 11545), (120, 11590), (126, 11614), (139, 11665), (160, 11719), (171, 11776), (178, 11815),

Gene: Verity_22 Start: 17000, Stop: 17824, Start Num: 20

Candidate Starts for Verity_22:

(Start: 20 @17000 has 9 MA's), (42, 17072), (84, 17255), (91, 17282), (96, 17312), (110, 17384), (113, 17405), (134, 17486), (148, 17537), (154, 17558), (161, 17585), (168, 17642), (172, 17666), (174, 17672), (176, 17687), (177, 17693), (195, 17774), (199, 17786),

Gene: ViaConlectus_23 Start: 17552, Stop: 18376, Start Num: 20

Candidate Starts for ViaConlectus_23:

(Start: 20 @17552 has 9 MA's), (42, 17624), (56, 17690), (84, 17807), (96, 17864), (110, 17936), (113, 17957), (134, 18038), (138, 18059), (148, 18089), (154, 18110), (161, 18137), (172, 18218), (174, 18224), (177, 18245), (184, 18290), (188, 18302), (195, 18326),

Gene: Vic9_17 Start: 14972, Stop: 15790, Start Num: 9

Candidate Starts for Vic9_17:

(Start: 9 @14972 has 32 MA's), (51, 15116), (52, 15122), (80, 15251), (82, 15257), (94, 15317), (104, 15356), (110, 15395), (122, 15434), (150, 15530), (163, 15578), (171, 15620), (177, 15656), (192, 15722),

Gene: Vincenzo_14 Start: 14119, Stop: 14907, Start Num: 13

Candidate Starts for Vincenzo_14:

(Start: 13 @14119 has 381 MA's), (29, 14140), (31, 14143), (34, 14155), (83, 14386), (84, 14389), (98, 14458), (103, 14479), (108, 14509), (128, 14593), (139, 14641), (171, 14752), (179, 14794), (188,

14836), (200, 14884),

Gene: VioletZ_13 Start: 13349, Stop: 14143, Start Num: 13

Candidate Starts for VioletZ_13:

(Start: 13 @13349 has 381 MA's), (24, 13370), (51, 13481), (82, 13619), (92, 13673), (98, 13694), (103, 13715), (105, 13721), (122, 13808), (133, 13850), (163, 13946), (164, 13949), (171, 13988), (179, 14030), (188, 14072), (200, 14120),

Gene: Virapocalypse_13 Start: 11600, Stop: 12397, Start Num: 13

Candidate Starts for Virapocalypse_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Virgeve_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Virgeve_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Vista_13 Start: 11605, Stop: 12402, Start Num: 13

Candidate Starts for Vista_13:

(Start: 13 @11605 has 381 MA's), (24, 11626), (31, 11638), (34, 11650), (69, 11812), (84, 11881), (92, 11929), (108, 12001), (120, 12046), (126, 12070), (139, 12121), (160, 12175), (171, 12232), (178, 12271),

Gene: Vivaldi_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Vivaldi_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: Vivi2_21 Start: 17307, Stop: 18137, Start Num: 13

Candidate Starts for Vivi2_21:

(Start: 13 @17307 has 381 MA's), (Start: 17 @17316 has 2 MA's), (50, 17421), (72, 17511), (84, 17565), (88, 17589), (102, 17652), (110, 17700), (115, 17727), (122, 17757), (148, 17856), (161, 17904), (168, 17961), (172, 17985), (174, 17991), (185, 18060), (189, 18072), (194, 18090), (199, 18105),

Gene: Vortex_13 Start: 11310, Stop: 12113, Start Num: 13

Candidate Starts for Vortex_13:

(Start: 13 @11310 has 381 MA's), (24, 11331), (31, 11343), (34, 11355), (69, 11517), (84, 11586), (92, 11634), (108, 11706), (120, 11751), (126, 11775), (139, 11826), (160, 11880), (171, 11937), (178, 11976),

Gene: Waleliano_13 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Waleliano_13:

(Start: 13 @13346 has 381 MA's), (24, 13367), (31, 13379), (51, 13478), (82, 13616), (92, 13670), (98, 13691), (103, 13712), (105, 13718), (108, 13742), (122, 13805), (133, 13847), (163, 13943), (171, 13985), (179, 14027), (188, 14069), (200, 14117),

Gene: Wallhey_12 Start: 11161, Stop: 11958, Start Num: 13

Candidate Starts for Wallhey_12:

(Start: 13 @11161 has 381 MA's), (24, 11182), (31, 11194), (34, 11206), (84, 11437), (92, 11485), (108, 11557), (120, 11602), (126, 11626), (139, 11677), (160, 11731), (171, 11788), (178, 11827),

Gene: Waterdiva_13 Start: 11603, Stop: 12400, Start Num: 13

Candidate Starts for Waterdiva_13:

(Start: 13 @11603 has 381 MA's), (24, 11624), (31, 11636), (34, 11648), (84, 11879), (92, 11927), (108, 11999), (120, 12044), (126, 12068), (139, 12119), (160, 12173), (171, 12230), (178, 12269),

Gene: Weher20_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for Weher20_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: West99_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for West99_16:

(Start: 9 @14652 has 32 MA's), (51, 14796), (Start: 70 @14877 has 1 MA's), (80, 14931), (82, 14937), (94, 14997), (104, 15036), (110, 15075), (122, 15114), (150, 15210), (163, 15258), (171, 15300), (177, 15336), (192, 15402),

Gene: Windsor_12 Start: 11263, Stop: 12066, Start Num: 13

Candidate Starts for Windsor_12:

(Start: 13 @11263 has 381 MA's), (24, 11284), (31, 11296), (34, 11308), (69, 11470), (84, 11539), (92, 11587), (108, 11659), (120, 11704), (126, 11728), (139, 11779), (160, 11833), (171, 11890), (178, 11929),

Gene: Wizard_20 Start: 13964, Stop: 14776, Start Num: 21

Candidate Starts for Wizard_20:

(Start: 21 @13964 has 30 MA's), (46, 14045), (80, 14195), (110, 14342), (117, 14378), (145, 14492), (201, 14762),

Gene: Wooper_14 Start: 13117, Stop: 13890, Start Num: 13

Candidate Starts for Wooper_14:

(Start: 13 @13117 has 381 MA's), (51, 13249), (105, 13480), (119, 13546), (122, 13555), (163, 13699), (188, 13825), (191, 13840),

Gene: Xavier_12 Start: 11309, Stop: 12112, Start Num: 13

Candidate Starts for Xavier_12:

(Start: 13 @11309 has 381 MA's), (24, 11330), (31, 11342), (34, 11354), (69, 11516), (84, 11585), (92, 11633), (108, 11705), (120, 11750), (126, 11774), (139, 11825), (160, 11879), (171, 11936), (178, 11975),

Gene: Xincheng_13 Start: 13170, Stop: 13964, Start Num: 13

Candidate Starts for Xincheng_13:

(Start: 13 @13170 has 381 MA's), (24, 13191), (31, 13203), (43, 13257), (51, 13302), (82, 13440), (92, 13494), (98, 13515), (103, 13536), (105, 13542), (108, 13566), (122, 13629), (133, 13671), (163, 13767), (164, 13770), (171, 13809), (179, 13851), (188, 13893), (200, 13941),

Gene: Yago84_12 Start: 11977, Stop: 12759, Start Num: 13

Candidate Starts for Yago84_12:

(Start: 13 @11977 has 381 MA's), (31, 12016), (44, 12070), (94, 12310), (100, 12334), (134, 12472), (138, 12493), (166, 12589), (170, 12610), (172, 12628), (179, 12655), (197, 12736),

Gene: Yahalom_15 Start: 13152, Stop: 13961, Start Num: 11

Candidate Starts for Yahalom_15:

(Start: 11 @13152 has 45 MA's), (40, 13215), (51, 13278), (73, 13374), (82, 13422), (84, 13428), (92, 13476), (108, 13548), (114, 13578), (122, 13599), (137, 13659), (143, 13680), (163, 13746), (191, 13887), (192, 13890),

Gene: Yinz_15 Start: 13179, Stop: 13988, Start Num: 11

Candidate Starts for Yinz_15:

(Start: 11 @13179 has 45 MA's), (40, 13242), (51, 13305), (73, 13401), (82, 13449), (84, 13455), (92, 13503), (108, 13575), (114, 13605), (117, 13608), (122, 13626), (137, 13686), (143, 13707), (163, 13773), (191, 13914), (192, 13917),

Gene: YorkOnyx_22 Start: 16855, Stop: 17682, Start Num: 13

Candidate Starts for YorkOnyx_22:

(Start: 13 @16855 has 381 MA's), (Start: 17 @16864 has 2 MA's), (50, 16966), (72, 17056), (102, 17197), (110, 17245), (120, 17296), (134, 17350), (148, 17401), (153, 17419), (161, 17449), (165, 17470), (168, 17506), (174, 17536), (189, 17617), (194, 17635), (199, 17650),

Gene: Yoshand_13 Start: 11600, Stop: 12403, Start Num: 13

Candidate Starts for Yoshand_13:

(Start: 13 @11600 has 381 MA's), (24, 11621), (31, 11633), (34, 11645), (69, 11807), (84, 11876), (92, 11924), (108, 11996), (120, 12041), (126, 12065), (139, 12116), (160, 12170), (171, 12227), (178, 12266),

Gene: YouGoGlencoco_13 Start: 11599, Stop: 12396, Start Num: 13

Candidate Starts for YouGoGlencoco_13:

(Start: 13 @11599 has 381 MA's), (24, 11620), (31, 11632), (34, 11644), (69, 11806), (84, 11875), (92, 11923), (108, 11995), (120, 12040), (126, 12064), (139, 12115), (160, 12169), (171, 12226), (178, 12265),

Gene: YungMoney_22 Start: 15274, Stop: 16086, Start Num: 21

Candidate Starts for YungMoney_22:

(Start: 21 @15274 has 30 MA's), (46, 15355), (80, 15505), (107, 15625), (110, 15652), (145, 15802), (162, 15856), (172, 15934), (201, 16072),

Gene: Zaider_14 Start: 11832, Stop: 12629, Start Num: 13

Candidate Starts for Zaider_14:

(Start: 13 @11832 has 381 MA's), (24, 11853), (31, 11865), (34, 11877), (69, 12039), (84, 12108), (92, 12156), (108, 12228), (120, 12273), (126, 12297), (139, 12348), (160, 12402), (171, 12459), (178, 12498),

Gene: Zelda_13 Start: 11602, Stop: 12399, Start Num: 13

Candidate Starts for Zelda_13:

(Start: 13 @11602 has 381 MA's), (24, 11623), (31, 11635), (34, 11647), (69, 11809), (84, 11878), (92, 11926), (108, 11998), (120, 12043), (126, 12067), (139, 12118), (160, 12172), (171, 12229), (178, 12268),

Gene: Zemanar_14 Start: 13346, Stop: 14140, Start Num: 13

Candidate Starts for Zemanar_14:

(Start: 13 @13346 has 381 MA's), (24, 13367), (31, 13379), (51, 13478), (82, 13616), (92, 13670), (98, 13691), (103, 13712), (105, 13718), (108, 13742), (122, 13805), (133, 13847), (163, 13943), (171, 13985), (179, 14027), (188, 14069), (200, 14117),

Gene: Zenteno07_18 Start: 12750, Stop: 13520, Start Num: 17

Candidate Starts for Zenteno07_18:

(Start: 17 @12750 has 2 MA's), (24, 12762), (51, 12870), (52, 12876), (69, 12948), (83, 13014), (122, 13191), (171, 13371), (179, 13413), (188, 13455), (200, 13503),

Gene: Zipp_22 Start: 17649, Stop: 18473, Start Num: 20

Candidate Starts for Zipp_22:

(Start: 20 @17649 has 9 MA's), (42, 17721), (84, 17904), (91, 17931), (96, 17961), (110, 18033), (113, 18054), (134, 18135), (148, 18186), (154, 18207), (161, 18234), (168, 18291), (172, 18315), (174, 18321), (176, 18336), (177, 18342), (195, 18423), (199, 18435),

Gene: Zitch_24 Start: 16782, Stop: 17606, Start Num: 20

Candidate Starts for Zitch_24:

(15, 16773), (Start: 20 @16782 has 9 MA's), (42, 16854), (56, 16920), (84, 17037), (96, 17094), (110, 17166), (113, 17187), (134, 17268), (138, 17289), (148, 17319), (154, 17340), (161, 17367), (172, 17448), (174, 17454), (177, 17475), (195, 17556),

Gene: Zonia_13 Start: 11616, Stop: 12413, Start Num: 13

Candidate Starts for Zonia_13:

(Start: 13 @11616 has 381 MA's), (24, 11637), (31, 11649), (34, 11661), (84, 11892), (92, 11940), (108, 12012), (120, 12057), (126, 12081), (139, 12132), (160, 12186), (171, 12243), (178, 12282),

Gene: phiAsp2_15 Start: 10148, Stop: 10969, Start Num: 25

Candidate Starts for phiAsp2_15:

(22, 10142), (25, 10148), (63, 10304), (66, 10319), (81, 10379), (84, 10388), (115, 10565), (123, 10601), (124, 10604), (136, 10652), (144, 10679), (187, 10883), (188, 10886),