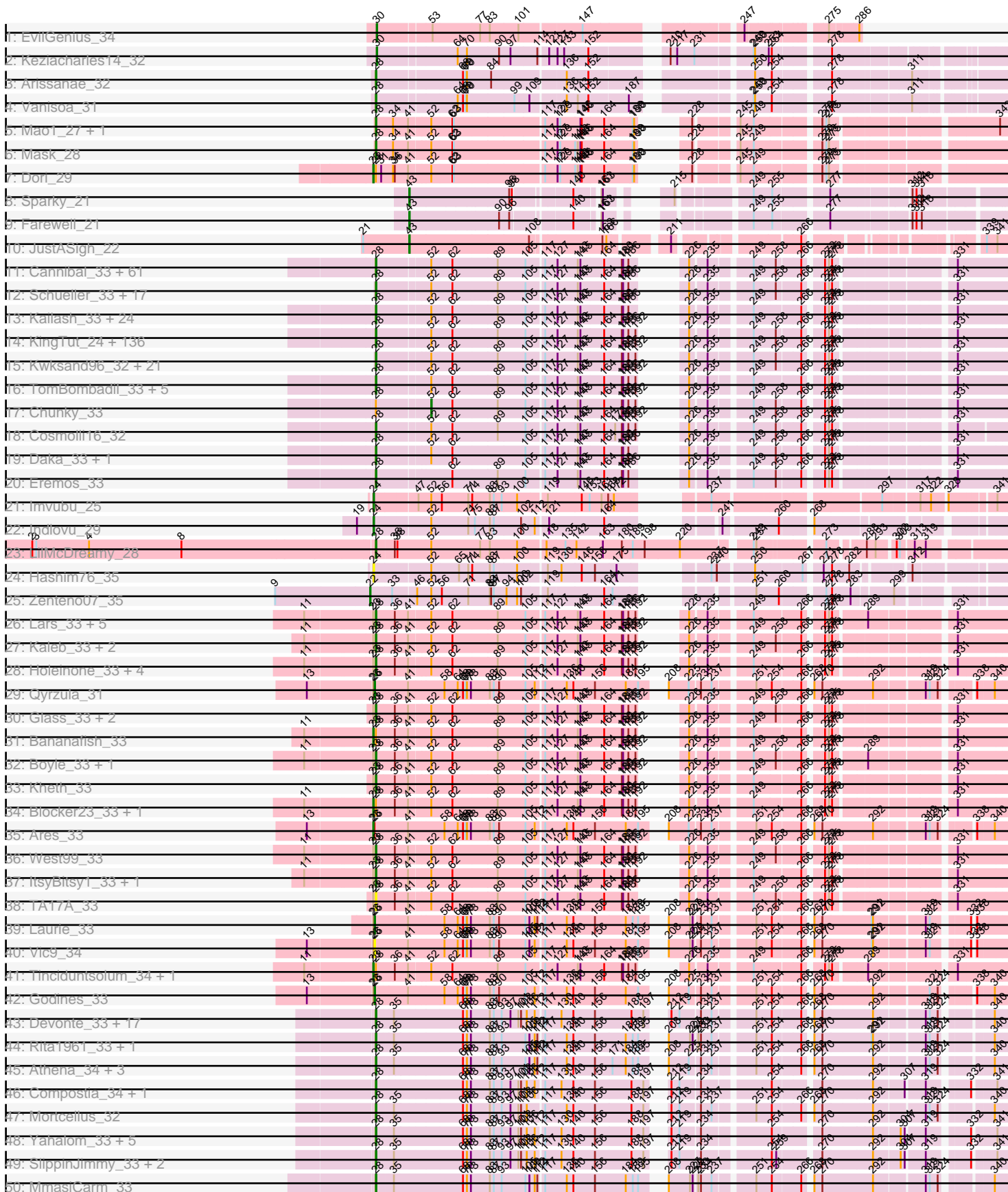
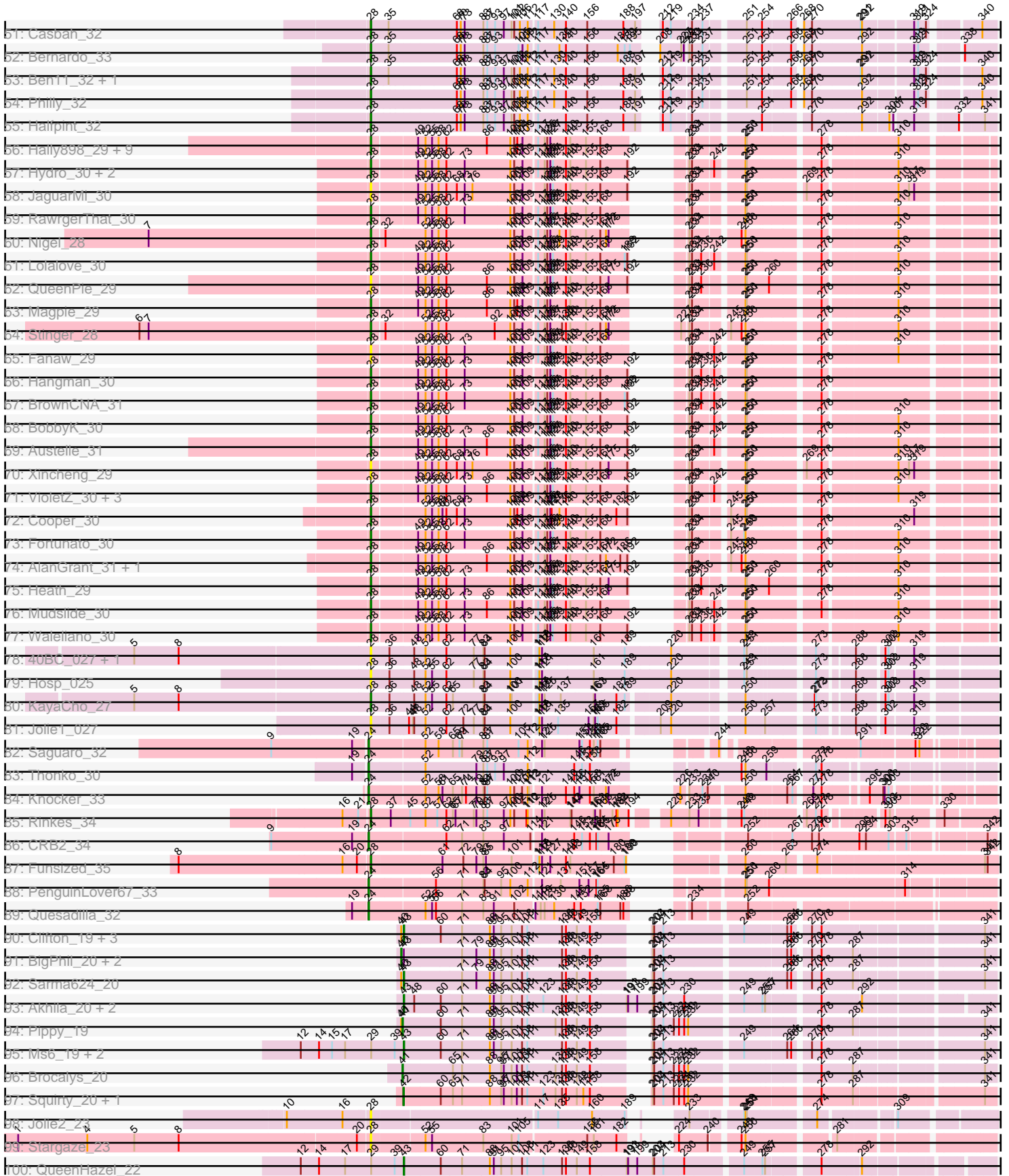


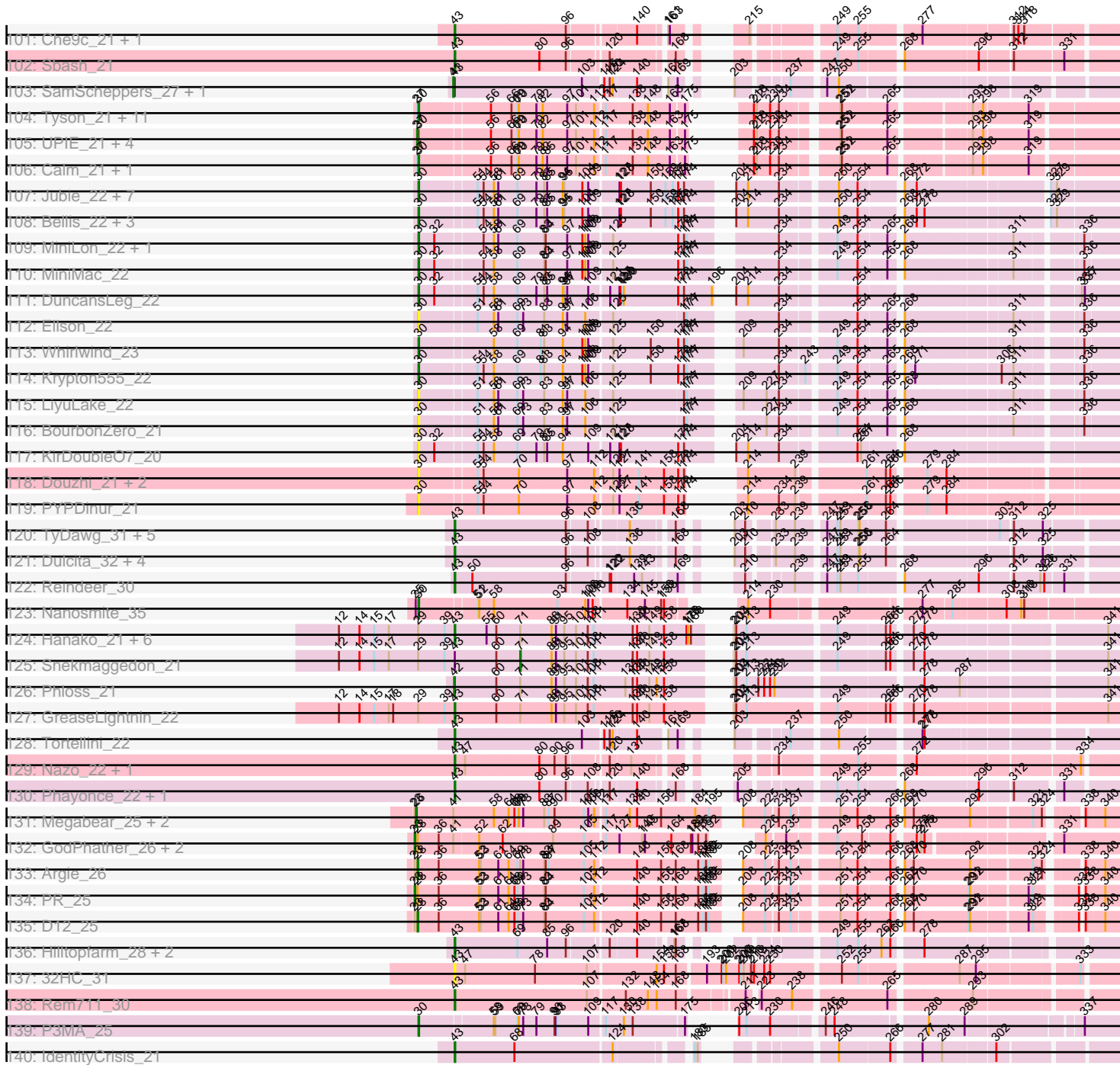
Pham 196180



Pham 196180



Pham 196180



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 196180 Report

This analysis was run 12/09/24 on database version 580.

Pham number 196180 has 533 members, 49 are drafts.

Phages represented in each track:

- Track 1 : EvilGenius_34
- Track 2 : Keziacharles14_32
- Track 3 : Arissanae_32
- Track 4 : Vanisoa_31
- Track 5 : Mao1_27, Sejanus_28
- Track 6 : Mask_28
- Track 7 : Dori_29
- Track 8 : Sparky_21
- Track 9 : Farewell_21
- Track 10 : JustASigh_22
- Track 11 : Cannibal_33, Manad_32, Morgushi_33, Chute_32, UAch1_33, Schadenfreude_32, Timmi_32, PhrodoBaggins_32, Megatron_33, LeeLot_33, Robyn_32, Podrick_33, PinheadLarry_33, Lopsy_32, Tooj_33, ProfessorX_33, Chaelin_33, Anderson_33, Harvey_33, SassyCat97_32, Chah_34, RedMaple_32, Iridoclysis_33, Kloppinator_33, Colbert_33, SilverBell_33, Zelda_33, EmpTee_33, ShiVal_33, Legolas_32, Thora_33, Carthage_31, Hocus_32, Brilliant_33, Skippy_33, Coletti_32, Antonia_32, Daffy_33, Squid_33, Morty_33, Roscoe_34, DonSanchon_32, Vaishali24_32, Windsor_32, Virgeve_32, Vortex_33, Vivaldi_33, Phleuron_32, Aelin_32, DelRivs_32, Spartan300_33, Suffolk_33, Sophia_32, Surely_33, Hetaeria_33, Chorkpop_33, Keitherie_33, Olive_33, Soile_33, Mulan_32, Valjean_33, Quisquillae_33
- Track 12 : Schueller_33, Gophee_33, Puhltonio_33, Phipps_33, Andre_33, Beaglebox_32, Telesworld_32, Riggan_33, Apizium_32, Altwerkus_32, Plmatters_33, DoesntMatter_33, Fringe_33, Numberten_33, Slatt_33, Virapocalypse_33, Burr_32, JangoPhett_33
- Track 13 : Kailash_33, LostAndPhound_32, Potter_32, Oline_32, CampRoach_33, Jiminy_32, Mag7_32, Phergie_32, LasagnaCat_33, Veritas_32, Swiphy_34, Doddsville_33, Hartsy_33, Weher20_33, PhatLouie_33, Melc17_33, PhrankReynolds_32, PhenghisKhan_32, MitKao_33, Xavier_32, Mosaic_32, DuchessDung_31, Dati_33, BatteryCK_32, MichaelPhcott_32
- Track 14 : KingTut_24, Mana_32, Freya_32, Olak_32, Childish_32, Vaticameos_33, Sigman_33, Scoot17C_33, IsaacEli_33, BlackStallion_33, Lasso_33, Mcshane_32, Mecca_32, Sheila_33, Samaymay_33, Haleema_32, Scrick_33, Bishoperium_32, Lulumae_32, AltPhacts_33, Craff_33, Orion_33, Lulwa_33, Ricotta_32, Dingo_33, FriarPreacher_33, Murdoc_33, Bluephacebaby_32, Katniss_33, Kwadwo_32, Pacifista_32, Zonia_33, Roliet_33, Tomlarah_33, Charles1_33, GeneCoco_33, Hertubise_33, Omniscient_33, Banjo_32, Badfish_33, Adriana_33, Phareon_33,

Held_33, Lego3393_33, Giraffe_33, Kimbrough_33, Lumine_32, Oosterbaan_33, Longacauda_32, Nyala_32, Matalotodo_33, KingVeVeVe_33, Kahve_32, Usavi_33, LeiMonet_33, Inverness_33, LemonSlice_33, MRabcd_32, LuckyMarjie_32, HighStump_32, TallGrassMM_33, HSavage_33, DirtJuice_33, Basato_34, Frankicide_33, Mesh1_33, Dice_32, PG1_33, JacAttac_33, Dione_32, Eugenia_33, Squiggle_33, True_32, Megamind20_33, PhatCats2014_33, Soto_33, Simielle_32, Piglet_0032, Zaider_34, CamL_33, HenryJackson_32, Phunky_33, Phamished_33, FugateOSU_32, ABU_33, BlueHusk_33, Pinkman_32, Orfeu_32, Hamish_33, OliverWalter_33, Vista_33, Yoshand_33, FluffyNinja_33, Toni_32, Nacho_0033, QueenBeane_33, Mutante_32, Serendipity_33, Roy17_33, Labeouficaum_32, CheetO_33, Placalicious_32, Serpentine_0033, KlimbOn_33, Haimas_33, Mikota_33, Waterdiva_33, Jillium_32, Nicole21_33, Grand2040_32, Solosis_32, ThreeOh3D2_33, Selr12_33, Maru_32, Kikipoo_33, Inchworm_33, UncleHowie_33, MiniBoss_33, Prickles_33, Pherdinand_33, Orwigg_33, Horchata_33, Derpp_32, Magic8_33, TyrionL_32, Boehler_33, Cher_32, KLucky39_33, AbsoluteMadLad_32, Buckeye_33, Swish_33, Pipsqueak_33, SDcharge11_33, Fang_33, YouGoGlencoco_33, Duggie_32, Wallhey_32

- Track 15 : Kwksand96_32, Durga_33, MelsMeow_32, Ashraf_32, Emiris_33, Cobra_33, JDog_32, Fozzie_32, Pops_33, Gyarad_0033, OSmaximus_33, Gwilliam_33, Etaye_33, Newman_33, Trypo_33, ImtiyazSitla_32, CharlieGBrown_32, Rimu_34, Crownjwl_33, MrPhizzler_32, Maskar_32, Gareth_32
- Track 16 : TomBombadil_33, Struggle_32, JakeO_32, Jiraiya_33, DaddyDaniels_33, Thunderbird_32
- Track 17 : Chunky_33
- Track 18 : Cosmolli16_32
- Track 19 : Daka_33, Cornobble_32
- Track 20 : Eremos_33
- Track 21 : Imvubu_25
- Track 22 : Indlovu_29
- Track 23 : LilMcDreamy_28
- Track 24 : Hashim76_35
- Track 25 : Zenteno07_35
- Track 26 : Lars_33, Rosebush_33, Allegro_33, Arbiter_33, Hedgerow_33, FrenchFry_33
- Track 27 : Kaleb_33, LizLemon_33, Eaglehorse_33
- Track 28 : Holeinone_33, Coffee_33, Opia_33, Sabella_33, Tres_33
- Track 29 : Qyrzula_31
- Track 30 : Glass_33, Phantasmagoria_33, Faze9_33
- Track 31 : Bananafish_33
- Track 32 : Boyle_33, Rhinoforte_33
- Track 33 : Kheth_33
- Track 34 : Blocker23_33, Lephleur_33
- Track 35 : Ares_33
- Track 36 : West99_33
- Track 37 : ItsyBitsy1_33, Calamitous_33
- Track 38 : TA17A_33
- Track 39 : Laurie_33
- Track 40 : Vic9_34
- Track 41 : Tinciduntolum_34, Brownie5_33
- Track 42 : Godines_33
- Track 43 : Devonte_33, RomaT_33, Nozo_33, ChaChing_33, Morty007_33, Marley1013_33, OrangeOswald_33, Heathcliff_33, Akoma_33, Chandler_33, LestyG_33, Abinghost_33, Deenasa_33, RagingRooster_33, Audrey_33,

SynergyX_33, Neos5_33, Daisy_33

- Track 44 : Rita1961_33, Obutu_33
- Track 45 : Athena_34, Gervas_33, Tydolla_33, Baloo_33
- Track 46 : Compostia_34, GlenHope_34
- Track 47 : Mortcellus_32
- Track 48 : Yahalom_33, Phlyer_33, Jackstina_30, Gadget_34, Phaedrus_31, HarveySr_33
- Track 49 : SlippinJimmy_33, Yinz_33, Kamiyu_33
- Track 50 : MmasiCarm_33
- Track 51 : Casbah_32
- Track 52 : Bernardo_33
- Track 53 : Ben11_32, Kronus_32
- Track 54 : Philly_32
- Track 55 : Halfpint_32
- Track 56 : Hally898_29, Antihero_29, Poster_29, Ahwei_29, JAMaL_30, ChrisnMich_29, Lambano_29, Epah_29, GinPorsche_29, Nanao_29
- Track 57 : Hydro_30, Mithril_30, Zemanar_31
- Track 58 : JaguarMi_30
- Track 59 : RawrgerThat_30
- Track 60 : Nigel_28
- Track 61 : Lolalove_30
- Track 62 : QueenPie_29
- Track 63 : Magpie_29
- Track 64 : Stinger_28
- Track 65 : Fanaw_29
- Track 66 : Hangman_30
- Track 67 : BrownCNA_31
- Track 68 : BobbyK_30
- Track 69 : Austelle_31
- Track 70 : Xincheng_29
- Track 71 : VioletZ_30, Prince_30, Apex_30, Frederick_30
- Track 72 : Cooper_30
- Track 73 : Fortunato_30
- Track 74 : AlanGrant_31, Vincenzo_31
- Track 75 : Heath_29
- Track 76 : Mudslide_30
- Track 77 : Waleliano_30
- Track 78 : 40BC_027, 39HC_027
- Track 79 : Hosp_025
- Track 80 : KayaCho_27
- Track 81 : Jolie1_027
- Track 82 : Saguaro_32
- Track 83 : Thonko_30
- Track 84 : Knocker_33
- Track 85 : Rinkes_34
- Track 86 : CRB2_34
- Track 87 : Funsized_35
- Track 88 : PenguinLover67_33
- Track 89 : Quesadilla_32
- Track 90 : Clifton_19, LastJedi_19, Crumble_19, Koella_19
- Track 91 : BigPhil_20, Cerasum_20, Velveteen_20
- Track 92 : Sarma624_20
- Track 93 : Akhila_20, Xula_21, MilanaBonita_20

- Track 94 : Pippy_19
- Track 95 : Ms6_19, SpongeBob_21, Jamie19_21
- Track 96 : Brocalys_20
- Track 97 : Squirty_20, Fulbright_21
- Track 98 : Jolie2_23
- Track 99 : Stargaze_23
- Track 100 : QueenHazel_22
- Track 101 : Che9c_21, Purky_22
- Track 102 : Sbash_21
- Track 103 : SamScheppers_27, Eponine_29
- Track 104 : Tyson_21, Wamburggrxpress_21, Silverleaf_21, AvadaKedavra_21, Acquire49_21, OhShagHennessy_21, Rose5_21, Halena_21, Wyatt2_21, MAckerman_21, Enceladus_21, DirkDirk_21
- Track 105 : UPIE_21, LeBron_21, Appletree2_21, CicholasNage_21, JoeDirt_21
- Track 106 : Calm_21, Zaria_21
- Track 107 : Jubie_22, Lumos_22, Snenia_22, Clautastrophe_22, Nicholas_22, Jobypre_22, Kingsolomon_22, MsGreen_22
- Track 108 : Bellis_22, Moostard_22, Finnry_22, Samty_22
- Track 109 : MiniLon_22, Lolly9_22
- Track 110 : MiniMac_22
- Track 111 : DuncansLeg_22
- Track 112 : Ellson_22
- Track 113 : Whirlwind_23
- Track 114 : Krypton555_22
- Track 115 : LiyuLake_22
- Track 116 : BourbonZero_21
- Track 117 : KirDoubleO7_20
- Track 118 : Douzhi_21, Sheng711_21, BrainDrainer_22
- Track 119 : PYPDinur_21
- Track 120 : TyDawg_31, Bongo_31, LilhomieP_30, Bricole_31, IPhane7_31, PegLeg_31
- Track 121 : Dulcita_32, Auspice_31, Diminimus_32, SlimJimmy_30, Glaske16_32
- Track 122 : Reindeer_30
- Track 123 : Nanosmite_35
- Track 124 : Hanako_21, Redi_21, Nenae_21, PhancyPhin_21, BabeRuth_21, ShrimpFriedEgg_21, Purgamenstris_21
- Track 125 : Snekmaggedon_21
- Track 126 : Phloss_21
- Track 127 : GreaseLightnin_22
- Track 128 : Tortellini_22
- Track 129 : Nazo_22, BigNuz_22
- Track 130 : Phayonce_22, ThulaThula_22
- Track 131 : Megabear_25, Cepens_25, Taptic_25
- Track 132 : GodPhather_26, MasterPo_33, Jeon_25
- Track 133 : Argie_26
- Track 134 : PR_25
- Track 135 : D12_25
- Track 136 : Hilltopfarm_28, AuntGwenStacy_28, Typha_28
- Track 137 : 32HC_31
- Track 138 : Rem711_30
- Track 139 : P3MA_25
- Track 140 : IdentityCrisis_21

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

The start number called the most often in the published annotations is 28, it was called in 361 of the 484 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 39HC_027, 40BC_027, ABU_33, Abinghost_33, AbsoluteMadLad_32, Adriana_33, Aelin_32, Ahwei_29, Akoma_33, AlanGrant_31, Allegro_33, AltPhacts_33, Altwerkus_32, Anderson_33, Andre_33, Antihero_29, Antonia_32, Apex_30, Apizium_32, Arbiter_33, Argie_26, Arissanae_32, Ashraf_32, Athena_34, Audrey_33, Austelle_31, Badfish_33, Baloo_33, Banjo_32, Basato_34, BatteryCK_32, Beaglebox_32, Ben11_32, Bernardo_33, Bishoperium_32, BlackStallion_33, BlueHusk_33, Bluephacebaby_32, BobbyK_30, Boehler_33, Boyle_33, Brilliant_33, BrownCNA_31, Buckeye_33, Burr_32, Calamitous_33, CamL_33, CampRoach_33, Cannibal_33, Carthage_31, Casbah_32, ChaChing_33, Chaelin_33, Chah_34, Chandler_33, Charles1_33, CharlieGBrown_32, CheetO_33, Cher_32, Childish_32, Chorkpop_33, ChrisnMich_29, Chute_32, Cobra_33, Coffee_33, Colbert_33, Coletti_32, Compostia_34, Cooper_30, Cornobble_32, Cosmolli16_32, Craff_33, Crownjwl_33, D12_25, DaddyDaniels_33, Daffy_33, Daisy_33, Daka_33, Dati_33, Deenasa_33, DelRivs_32, Derpp_32, Devonte_33, Dice_32, Dingo_33, Dione_32, DirtJuice_33, Doddsville_33, DoesntMatter_33, DonSanchon_32, DuchessDung_31, Duggie_32, Durga_33, Eaglehorse_33, Emiris_33, EmpTee_33, Epah_29, Eremos_33, Etaye_33, Eugenia_33, Fanaw_29, Fang_33, Faze9_33, FluffyNinja_33, Fortunato_30, Fozzie_32, Frankicide_33, Frederick_30, FrenchFry_33, Freya_32, FriarPreacher_33, Fringe_33, FugateOSU_32, Funsized_35, Gadget_34, Gareth_32, GeneCoco_33, Gervas_33, GinPorsche_29, Giraffe_33, Glass_33, GlenHope_34, Gophee_33, Grand2040_32, Gwilliam_33, Gyarad_0033, HSavage_33, Haimas_33, Haleema_32, Halfpint_32, Hally898_29, Hamish_33, Hangman_30, Hartsy_33, HarveySr_33, Harvey_33, Heath_29, Heathcliff_33, Hedgerow_33, Held_33, HenryJackson_32, Hertubise_33, Hetaeria_33, HighStump_32, Hocus_32, Holeinone_33, Horchata_33, Hosp_025, Hydro_30, ImtiyazSitla_32, Inchworm_33, Inverness_33, Iridoclysis_33, IsaacEli_33, ItsyBitsy1_33, JAMaL_30, JDog_32, JacAttac_33, Jackstina_30, JaguarMi_30, JakeO_32, JangoPhett_33, Jillium_32, Jiminy_32, Jiraiya_33, Jolie1_027, Jolie2_23, KLucky39_33, Kahve_32, Kailash_33, Kaleb_33, Kamiyu_33, Katniss_33, KayaCho_27, Keitherie_33, Kheth_33, Kikipoo_33, Kimbrough_33, KingTut_24, KingVeVeVe_33, KlimbOn_33, Kloppinator_33, Kronus_32, Kwadwo_32, Kwksand96_32, Labeouficaum_32, Lambano_29, Lars_33, LasagnaCat_33, Lasso_33, LeeLot_33, Lego3393_33, Legolas_32, LeiMonet_33, LemonSlice_33, LestyG_33, LilMcDreamy_28, LizLemon_33, Lolalove_30, Longacauda_32, Lopsy_32, LostAndPhound_32, LuckyMarjie_32, Lulumae_32, Lulwa_33, Lumine_32, MRabcd_32, Mag7_32, Magic8_33, Magpie_29, Mana_32, Manad_32, Mao1_27, Marley1013_33, Maru_32, Mask_28, Maskar_32, Matalotodo_33, Mcshane_32, Mecca_32, Megamind20_33, Megatron_33, Melc17_33, MelsMeow_32, Mesh1_33, MichaelPhcott_32, Mikota_33, MiniBoss_33, MitKao_33, Mithril_30, MmasiCarm_33, Morgushi_33, Mortcellus_32, Morty007_33, Morty_33, Mosaic_32, MrPhizzler_32, Mudslide_30, Mulan_32, Murdoc_33, Mutante_32, Nacho_0033, Nanao_29, Neos5_33, Newman_33, Nicole21_33, Nigel_28, Nozo_33, Numberten_33, Nyala_32, OSmaximus_33, Obutu_33, Olak_32, Oline_32, Olive_33, OliverWalter_33, Omniscient_33, Oosterbaan_33, Opia_33, OrangeOswald_33, Orfeu_32, Orion_33, Orwigg_33,

PG1_33, Pacifista_32, Phaedrus_31, Phamished_33, Phantasmagoria_33, Phareon_33, PhatCats2014_33, PhatLouie_33, PhenghisKhan_32, Pherdinand_33, Phergie_32, Philly_32, Phipps_33, Phleuron_32, Phlyer_33, PhrankReynolds_32, PhrodoBaggins_32, Phunky_33, Piglet_0032, PinheadLarry_33, Pinkman_32, Pipsqueak_33, Placalicious_32, Plmatters_33, Podrick_33, Pops_33, Poster_29, Potter_32, Prickles_33, Prince_30, ProfessorX_33, Puhltonio_33, QueenBeane_33, QueenPie_29, Quisquiliae_33, RagingRooster_33, RawrgerThat_30, RedMaple_32, Rhinoforte_33, Ricotta_32, Riggan_33, Rimu_34, Rinkes_34, Rita1961_33, Robyn_32, Roliet_33, RomaT_33, Roscoe_34, Rosebush_33, Roy17_33, SDcharge11_33, Sabella_33, Samaymay_33, SassyCat97_32, Schadenfreude_32, Schueller_33, Scoot17C_33, Scrick_33, Sejanus_28, Selr12_33, Serendipity_33, Serpentine_0033, Sheila_33, ShiVal_33, Sigman_33, SilverBell_33, Simielle_32, Skippy_33, Slatt_33, SlippinJimmy_33, Soile_33, Solosis_32, Sophia_32, Soto_33, Spartan300_33, Squid_33, Squiggle_33, Stargaze_23, Stinger_28, Struggle_32, Suffolk_33, Surely_33, Swiphy_34, Swish_33, SynergyX_33, TA17A_33, TallGrassMM_33, Telesworld_32, Thora_33, ThreeOh3D2_33, Thunderbird_32, Timmi_32, TomBombadil_33, Tomlarah_33, Toni_32, Tooj_33, Tres_33, True_32, Trypo_33, Tydolla_33, TyrionL_32, UAch1_33, UncleHowie_33, Usavi_33, Vaishali24_32, Valjean_33, Vanisoa_31, Vaticameos_33, Veritas_32, Vincenzo_31, VioletZ_30, Virapocalypse_33, Virgeve_32, Vista_33, Vivaldi_33, Vortex_33, Waleliano_30, Wallhey_32, Waterdiva_33, Weher20_33, West99_33, Windsor_32, Xavier_32, Xincheng_29, Yahalom_33, Yinz_33, Yoshand_33, YouGoGlencoco_33, Zaider_34, Zelda_33, Zemanar_31, Zonia_33,

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

- Bananafish_33, Blocker23_33, Brownie5_33, Chunky_33, Dori_29, GodPhather_26, Jeon_25, Lephleur_33, MasterPo_33, PR_25, Tinciduntolum_34,

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

- 32HC_31, Acquire49_21, Akhila_20, Appletree2_21, Ares_33, AuntGwenStacy_28, Auspice_31, AvadaKedavra_21, BabeRuth_21, Bellis_22, BigNuz_22, BigPhil_20, Bongo_31, BourbonZero_21, BrainDrainer_22, Bricole_31, Brocalys_20, CRB2_34, Calm_21, Cepens_25, Cerasum_20, Che9c_21, CicholasNage_21, Clautastrophe_22, Clifton_19, Crumble_19, Diminimus_32, DirkDirk_21, Douzhi_21, Dulcita_32, DuncansLeg_22, Ellson_22, Enceladus_21, Eponine_29, EvilGenius_34, Farewell_21, Finnry_22, Fulbright_21, Glaske16_32, Godines_33, GreaseLightnin_22, Halena_21, Hanako_21, Hashim76_35, Hilltopfarm_28, IPhane7_31, IdentityCrisis_21, Imvubu_25, Indlovu_29, Jamie19_21, Jobypre_22, JoeDirt_21, Jubie_22, JustASigh_22, Keziacharles14_32, Kingsolomon_22, KirDoubleO7_20, Knocker_33, Koella_19, Krypton555_22, LastJedi_19, Laurie_33, LeBron_21, LilhomieP_30, LiyuLake_22, Lolly9_22, Lumos_22, MAckerman_21, Megabear_25, MilanaBonita_20, MiniLon_22, MiniMac_22, Moostard_22, Ms6_19, MsGreen_22, Nanosmite_35, Nazo_22, Nenae_21, Nicholas_22, OhShagHennessy_21, P3MA_25, PYPDinur_21, PegLeg_31, PenguinLover67_33, PhancyPhin_21, Phayonce_22, Phloss_21, Pippy_19, Purgamenstris_21, Purky_22, QueenHazel_22, Quesadilla_32, Qyrzula_31, Redi_21, Reindeer_30, Rem711_30, Rose5_21, Saguaro_32, SamScheppers_27, Samty_22, Sarma624_20, Sbash_21, Sheng711_21, ShrimpFriedEgg_21, Silverleaf_21, SlimJimmy_30, Snekmaggedon_21, Snenia_22, Sparky_21, SpongeBob_21, Squirty_20, Taptic_25, Thonko_30, ThulaThula_22, Tortellini_22, TyDawg_31, Typha_28, Tyson_21, UPIE_21, Velveteen_20, Vic9_34, Wamburggrxpress_21, Whirlwind_23, Wyatt2_21, Xula_21, Zaria_21, Zenteno07_35,

Summary by start number:

Start 22:

- Found in 1 of 533 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 484
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Zenteno07_35 (B13),

Start 23:

- Found in 44 of 533 (8.3%) of genes in pham
- Manual Annotations of this start: 11 of 484
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Ares_33 (B2), Bananafish_33 (B2), Blocker23_33 (B2), Brownie5_33 (B2), Dori_29 (AD), GodPhather_26 (W), Jeon_25 (W), Lephleur_33 (B2), MasterPo_33 (B2), PR_25 (W), Tinciduntolum_34 (B2),

Start 24:

- Found in 9 of 533 (1.7%) of genes in pham
- Manual Annotations of this start: 8 of 484
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CRB2_34 (B9), Hashim76_35 (B13), Imvubu_25 (B10), Indlovu_29 (B11), Knocker_33 (B9), PenguinLover67_33 (B9), Quesadilla_32 (B9), Saguaro_32 (B7), Thonko_30 (B8),

Start 26:

- Found in 8 of 533 (1.5%) of genes in pham
- Manual Annotations of this start: 6 of 484
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Cepens_25 (W), Godines_33 (B2), Laurie_33 (B2), Megabear_25 (W), Qyrzula_31 (B2), Taptic_25 (W), Vic9_34 (B2),

Start 27:

- Found in 19 of 533 (3.6%) of genes in pham
- Manual Annotations of this start: 5 of 484
- Called 26.3% of time when present
- Phage (with cluster) where this start called: Appletree2_21 (L1), CicholasNage_21 (L1), JoeDirt_21 (L1), LeBron_21 (L1), UPIE_21 (L1),

Start 28:

- Found in 406 of 533 (76.2%) of genes in pham
- Manual Annotations of this start: 361 of 484
- Called 97.3% of time when present
- Phage (with cluster) where this start called: 39HC_027 (B6), 40BC_027 (B6), ABU_33 (B1), Abinghost_33 (B3), AbsoluteMadLad_32 (B1), Adriana_33 (B1), Aelin_32 (B1), Ahwei_29 (B4), Akoma_33 (B3), AlanGrant_31 (B4), Allegro_33 (B2), AltPhacts_33 (B1), Altwerkus_32 (B1), Anderson_33 (B1), Andre_33 (B1), Antihero_29 (B4), Antonia_32 (B1), Apex_30 (B4), Apizium_32 (B1), Arbitrator_33 (B2), Argie_26 (W), Arissanae_32 (A9), Ashraf_32 (B1), Athena_34 (B3), Audrey_33 (B3), Austelle_31 (B4), Badfish_33 (B1), Baloo_33 (B3), Banjo_32 (B1), Basato_34 (B1), BatteryCK_32 (B1), Beaglebox_32 (B1), Ben11_32 (B3), Bernardo_33 (B3), Bishoperium_32 (B1), BlackStallion_33 (B1), BlueHusk_33 (B1), Bluephacebaby_32 (B1), BobbyK_30 (B4), Bohler_33 (B1), Boyle_33 (B2), Brilliant_33 (B1), BrownCNA_31 (B4), Buckeye_33 (B1), Burr_32 (B1), Calamitous_33 (B2), CamL_33

(B1), CampRoach_33 (B1), Cannibal_33 (B1), Carthage_31 (B1), Casbah_32 (B3), ChaChing_33 (B3), Chaelin_33 (B1), Chah_34 (B1), Chandler_33 (B3), Charles1_33 (B1), CharlieGBrown_32 (B1), CheetO_33 (B1), Cher_32 (B1), Childish_32 (B1), Chorkpop_33 (B1), ChrisnMich_29 (B4), Chute_32 (B1), Cobra_33 (B1), Coffee_33 (B2), Colbert_33 (B1), Coletti_32 (B1), Compostia_34 (B3), Cooper_30 (B4), Cornobble_32 (B1), Cosmolli16_32 (B1), Craff_33 (B1), Crownjwl_33 (B1), D12_25 (W), DaddyDaniels_33 (B1), Daffy_33 (B1), Daisy_33 (B3), Daka_33 (B1), Dati_33 (B1), Deenasa_33 (B3), DelRivs_32 (B1), Derpp_32 (B1), Devonte_33 (B3), Dice_32 (B1), Dingo_33 (B1), Dione_32 (B1), DirtJuice_33 (B1), Doddsville_33 (B1), DoesntMatter_33 (B1), DonSanchon_32 (B1), DuchessDung_31 (B1), Duggie_32 (B1), Durga_33 (B1), Eaglehorse_33 (B2), Emiris_33 (B1), EmpTee_33 (B1), Epah_29 (B4), Eremos_33 (B1), Etaye_33 (B1), Eugenia_33 (B1), Fanaw_29 (B4), Fang_33 (B1), Faze9_33 (B2), FluffyNinja_33 (B1), Fortunato_30 (B4), Fozzie_32 (B1), Frankicide_33 (B1), Frederick_30 (B4), FrenchFry_33 (B2), Freya_32 (B1), FriarPreacher_33 (B1), Fringe_33 (B1), FugateOSU_32 (B1), Funsized_35 (B9), Gadget_34 (B3), Gareth_32 (B1), GeneCoco_33 (B1), Gervas_33 (B3), GinPorsche_29 (B4), Giraffe_33 (B1), Glass_33 (B2), GlenHope_34 (B3), Gophee_33 (B1), Grand2040_32 (B1), Gwilliam_33 (B1), Gyarad_0033 (B1), HSavage_33 (B1), Haimas_33 (B1), Haleema_32 (B1), Halfpint_32 (B3), Hally898_29 (B4), Hamish_33 (B1), Hangman_30 (B4), Hartsy_33 (B1), HarveySr_33 (B3), Harvey_33 (B1), Heath_29 (B4), Heathcliff_33 (B3), Hedgerow_33 (B2), Held_33 (B1), HenryJackson_32 (B1), Hertubise_33 (B1), Hetaeria_33 (B1), HighStump_32 (B1), Hocus_32 (B1), Holeinone_33 (B2), Horchata_33 (B1), Hosp_025 (B6), Hydro_30 (B4), ImtiyazSitla_32 (B1), Inchworm_33 (B1), Inverness_33 (B1), Iridoclysis_33 (B1), IsaacEli_33 (B1), ItsyBitsy1_33 (B2), JAMaL_30 (B4), JDog_32 (B1), JacAttac_33 (B1), Jackstina_30 (B3), JaguarMi_30 (B4), JakeO_32 (B1), JangoPhett_33 (B1), Jillium_32 (B1), Jiminy_32 (B1), Jiraiya_33 (B1), Jolie1_027 (B6), Jolie2_23 (G4), KLucky39_33 (B1), Kahve_32 (B1), Kailash_33 (B1), Kaleb_33 (B2), Kamiyu_33 (B3), Katniss_33 (B1), KayaCho_27 (B6), Keitherie_33 (B1), Kheth_33 (B2), Kikipoo_33 (B1), Kimbrough_33 (B1), KingTut_24 (B1), KingVeVeVe_33 (B1), KlimbOn_33 (B1), Kloppinator_33 (B1), Kronus_32 (B3), Kwadwo_32 (B1), Kwksand96_32 (B1), Labeouficaum_32 (B1), Lambano_29 (B4), Lars_33 (B2), LasagnaCat_33 (B1), Lasso_33 (B1), LeeLot_33 (B1), Lego3393_33 (B1), Legolas_32 (B1), LeiMonet_33 (B1), LemonSlice_33 (B1), LestyG_33 (B3), LilMcDreamy_28 (B12), LizLemon_33 (B2), Lolalove_30 (B4), Longacauda_32 (B1), Lopsy_32 (B1), LostAndPhound_32 (B1), LuckyMarjie_32 (B1), Lulumae_32 (B1), Lulwa_33 (B1), Lumine_32 (B1), MRabcd_32 (B1), Mag7_32 (B1), Magic8_33 (B1), Magpie_29 (B4), Mana_32 (B1), Manad_32 (B1), Mao1_27 (AD), Marley1013_33 (B3), Maru_32 (B1), Mask_28 (AD), Maskar_32 (B1), Matalotodo_33 (B1), Mcshane_32 (B1), Mecca_32 (B1), Megamind20_33 (B1), Megatron_33 (B1), Melc17_33 (B1), MelsMeow_32 (B1), Mesh1_33 (B1), MichaelPhcott_32 (B1), Mikota_33 (B1), MiniBoss_33 (B1), MitKao_33 (B1), Mithril_30 (B4), MmasiCarm_33 (B3), Morgushi_33 (B1), Mortcellus_32 (B3), Morty007_33 (B3), Morty_33 (B1), Mosaic_32 (B1), MrPhizzler_32 (B1), Mudslide_30 (B4), Mulan_32 (B1), Murdoc_33 (B1), Mutante_32 (B1), Nacho_0033 (B1), Nanao_29 (B4), Neos5_33 (B3), Newman_33 (B1), Nicole21_33 (B1), Nigel_28 (B4), Nozo_33 (B3), Numberten_33 (B1), Nyala_32 (B1), OSmaximus_33 (B1), Obutu_33 (B3), Olak_32 (B1), Oline_32 (B1), Olive_33 (B1), OliverWalter_33 (B1), Omniscient_33 (B1), Oosterbaan_33 (B1), Opia_33 (B2), OrangeOswald_33 (B3), Orfeu_32 (B1), Orion_33 (B1), Orwigg_33 (B1), PG1_33 (B1), Pacifista_32 (B1), Phaedrus_31 (B3), Phamished_33 (B1), Phantasmagoria_33 (B2), Phareon_33 (B1), PhatCats2014_33 (B1), PhatLouie_33 (B1), PhenghisKhan_32 (B1), Pherdinand_33 (B1), Phergie_32 (B1), Philly_32 (B3), Phipps_33 (B1), Phleuron_32 (B1), Phlyer_33 (B3), PhrankReynolds_32 (B1),

PhrodoBaggins_32 (B1), Phunky_33 (B1), Piglet_0032 (B1), PinheadLarry_33 (B1), Pinkman_32 (B1), Pipsqueak_33 (B1), Placalicious_32 (B1), Plmatters_33 (B1), Podrick_33 (B1), Pops_33 (B1), Poster_29 (B4), Potter_32 (B1), Prickles_33 (B1), Prince_30 (B4), ProfessorX_33 (B1), Puhltonio_33 (B1), QueenBeane_33 (B1), QueenPie_29 (B4), Quisquilliae_33 (B1), RagingRooster_33 (B3), RawrgerThat_30 (B4), RedMaple_32 (B1), Rhinoforte_33 (B2), Ricotta_32 (B1), Riggan_33 (B1), Rimu_34 (B1), Rinkes_34 (B9), Rita1961_33 (B3), Robyn_32 (B1), Roliet_33 (B1), RomaT_33 (B3), Roscoe_34 (B1), Rosebush_33 (B2), Roy17_33 (B1), SDcharge11_33 (B1), Sabella_33 (B2), Samaymay_33 (B1), SassyCat97_32 (B1), Schadenfreude_32 (B1), Schueller_33 (B1), Scoot17C_33 (B1), Scrick_33 (B1), Sejanus_28 (AD), Selr12_33 (B1), Serendipity_33 (B1), Serpentine_0033 (B1), Sheila_33 (B1), ShiVal_33 (B1), Sigman_33 (B1), SilverBell_33 (B1), Simielle_32 (B1), Skippy_33 (B1), Slatt_33 (B1), SlippinJimmy_33 (B3), Soile_33 (B1), Solosis_32 (B1), Sophia_32 (B1), Soto_33 (B1), Spartan300_33 (B1), Squid_33 (B1), Squiggle_33 (B1), Stargaze_23 (G5), Stinger_28 (B4), Struggle_32 (B1), Suffolk_33 (B1), Surely_33 (B1), Swiphy_34 (B1), Swish_33 (B1), SynergyX_33 (B3), TA17A_33 (B2), TallGrassMM_33 (B1), Telesworld_32 (B1), Thora_33 (B1), ThreeOh3D2_33 (B1), Thunderbird_32 (B1), Timmi_32 (B1), TomBombadil_33 (B1), Tomlarah_33 (B1), Toni_32 (B1), Tooj_33 (B1), Tres_33 (B2), True_32 (B1), Trypo_33 (B1), Tydolla_33 (B3), TyrionL_32 (B1), UAch1_33 (B1), UncleHowie_33 (B1), Usavi_33 (B1), Vaishali24_32 (B1), Valjean_33 (B1), Vanisoa_31 (A9), Vaticameos_33 (B1), Veritas_32 (B1), Vincenzo_31 (B4), VioletZ_30 (B4), Virapocalypse_33 (B1), Virgeve_32 (B1), Vista_33 (B1), Vivaldi_33 (B1), Vortex_33 (B1), Waleliano_30 (B4), Wallhey_32 (B1), Waterdiva_33 (B1), Weher20_33 (B1), West99_33 (B2), Windsor_32 (B1), Xavier_32 (B1), Xincheng_29 (B4), Yahalom_33 (B3), Yinz_33 (B3), Yoshand_33 (B1), YouGoGlencoco_33 (B1), Zaider_34 (B1), Zelda_33 (B1), Zemanar_31 (B4), Zonia_33 (B1),

Start 30:

- Found in 49 of 533 (9.2%) of genes in pham
- Manual Annotations of this start: 34 of 484
- Called 89.8% of time when present
- Phage (with cluster) where this start called: Acquire49_21 (L1), AvadaKedavra_21 (L1), Bellis_22 (L3), BourbonZero_21 (L3), BrainDrainer_22 (L4), Calm_21 (L1), Clautastrophe_22 (L3), DirkDirk_21 (L1), Douzhi_21 (L4), DuncansLeg_22 (L3), Ellson_22 (L3), Enceladus_21 (L1), EvilGenius_34 (A2), Finnry_22 (L3), Halena_21 (L1), Jobypre_22 (L3), Jubie_22 (L3), Keziacharles14_32 (A9), Kingsolomon_22 (L3), KirDoubleO7_20 (L3), Krypton555_22 (L3), LiyuLake_22 (L3), Lolly9_22 (L3), Lumos_22 (L3), MAckerman_21 (L1), MiniLon_22 (L3), MiniMac_22 (L3), Moostard_22 (L3), MsGreen_22 (L3), Nanosmite_35 (M3), Nicholas_22 (L3), OhShagHennessy_21 (L1), P3MA_25 (singleton), PYPDinur_21 (L4), Rose5_21 (L1), Samty_22 (L3), Sheng711_21 (L4), Silverleaf_21 (L1), Snenia_22 (L3), Tyson_21 (L1), Wamburggrxpress_21 (L1), Whirlwind_23 (L3), Wyatt2_21 (L1), Zaria_21 (L1),

Start 40:

- Found in 9 of 533 (1.7%) of genes in pham
- Manual Annotations of this start: 3 of 484
- Called 33.3% of time when present
- Phage (with cluster) where this start called: BigPhil_20 (F1), Cerasum_20 (F1), Velveteen_20 (F1),

Start 41:

- Found in 48 of 533 (9.0%) of genes in pham

- Manual Annotations of this start: 4 of 484
- Called 8.3% of time when present
- Phage (with cluster) where this start called: Brocalys_20 (F1), Eponine_29 (K4), Pippy_19 (F1), SamScheppers_27 (K4),

Start 42:

- Found in 3 of 533 (0.6%) of genes in pham
- Manual Annotations of this start: 3 of 484
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Fulbright_21 (N), Phloss_21 (N), Squirty_20 (F3),

Start 43:

- Found in 55 of 533 (10.3%) of genes in pham
- Manual Annotations of this start: 46 of 484
- Called 89.1% of time when present
- Phage (with cluster) where this start called: 32HC_31 (Z), Akhila_20 (F1), AuntGwenStacy_28 (Y), Auspice_31 (M1), BabeRuth_21 (N), BigNuz_22 (P4), Bongo_31 (M1), Bricole_31 (M1), Che9c_21 (I2), Clifton_19 (F1), Crumble_19 (F1), Diminimus_32 (M1), Dulcita_32 (M1), Farewell_21 (AF), Glaske16_32 (M1), GreaseLightnin_22 (P1), Hanako_21 (N), Hilltopfarm_28 (Y), IPhane7_31 (M1), IdentityCrisis_21 (singleton), Jamie19_21 (N), JustASigh_22 (AH), Koella_19 (F1), LastJedi_19 (F1), LilhomieP_30 (M1), MilanaBonita_20 (F1), Ms6_19 (F1), Nazo_22 (P4), Nенаe_21 (N), PegLeg_31 (M1), PhancyPhin_21 (N), Phayonce_22 (P5), Purgamenstris_21 (N), Purky_22 (P6), QueenHazel_22 (I1), Redi_21 (N), Reindeer_30 (M1), Rem711_30 (Z), Sarma624_20 (F1), Sbash_21 (I2), ShrimpFriedEgg_21 (N), SlimJimmy_30 (M1), Sparky_21 (AF), SpongeBob_21 (N), ThulaThula_22 (P5), Tortellini_22 (P2), TyDawg_31 (M1), Typha_28 (Y), Xula_21 (I1),

Start 52:

- Found in 367 of 533 (68.9%) of genes in pham
- Manual Annotations of this start: 1 of 484
- Called 0.3% of time when present
- Phage (with cluster) where this start called: Chunky_33 (B1),

Start 71:

- Found in 39 of 533 (7.3%) of genes in pham
- Manual Annotations of this start: 1 of 484
- Called 2.6% of time when present
- Phage (with cluster) where this start called: Snekmaggon_21 (N),

Summary by clusters:

There are 39 clusters represented in this pham: singleton, M3, B11, M1, B13, AF, K4, G5, G4, I1, I2, A2, A9, B10, P2, P1, P6, AD, P4, P5, AH, N, L4, L3, W, L1, Y, Z, F1, F3, B4, B6, B7, B1, B2, B3, B12, B8, B9,

Info for manual annotations of cluster A2:

- Start number 30 was manually annotated 1 time for cluster A2.

Info for manual annotations of cluster A9:

- Start number 28 was manually annotated 2 times for cluster A9.

- Start number 30 was manually annotated 1 time for cluster A9.

Info for manual annotations of cluster AD:

- Start number 23 was manually annotated 1 time for cluster AD.
- Start number 28 was manually annotated 3 times for cluster AD.

Info for manual annotations of cluster AF:

- Start number 43 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AH:

- Start number 43 was manually annotated 1 time for cluster AH.

Info for manual annotations of cluster B1:

- Start number 28 was manually annotated 262 times for cluster B1.
- Start number 52 was manually annotated 1 time for cluster B1.

Info for manual annotations of cluster B10:

- Start number 24 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 24 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 28 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 22 was manually annotated 1 time for cluster B13.

Info for manual annotations of cluster B2:

- Start number 23 was manually annotated 7 times for cluster B2.
- Start number 26 was manually annotated 3 times for cluster B2.
- Start number 28 was manually annotated 22 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 28 was manually annotated 41 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 28 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B6:

- Start number 28 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B7:

- Start number 24 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 24 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 24 was manually annotated 4 times for cluster B9.
- Start number 28 was manually annotated 2 times for cluster B9.

Info for manual annotations of cluster F1:

- Start number 40 was manually annotated 3 times for cluster F1.
- Start number 41 was manually annotated 2 times for cluster F1.
- Start number 43 was manually annotated 7 times for cluster F1.

Info for manual annotations of cluster F3:

- Start number 42 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster I1:

- Start number 43 was manually annotated 2 times for cluster I1.

Info for manual annotations of cluster I2:

- Start number 43 was manually annotated 2 times for cluster I2.

Info for manual annotations of cluster K4:

- Start number 41 was manually annotated 2 times for cluster K4.

Info for manual annotations of cluster L1:

- Start number 27 was manually annotated 5 times for cluster L1.
- Start number 30 was manually annotated 14 times for cluster L1.

Info for manual annotations of cluster L3:

- Start number 30 was manually annotated 16 times for cluster L3.

Info for manual annotations of cluster M1:

- Start number 43 was manually annotated 12 times for cluster M1.

Info for manual annotations of cluster M3:

- Start number 30 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster N:

- Start number 42 was manually annotated 2 times for cluster N.
- Start number 43 was manually annotated 9 times for cluster N.
- Start number 71 was manually annotated 1 time for cluster N.

Info for manual annotations of cluster P1:

- Start number 43 was manually annotated 1 time for cluster P1.

Info for manual annotations of cluster P2:

- Start number 43 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P4:

- Start number 43 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:

- Start number 43 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:

- Start number 43 was manually annotated 1 time for cluster P6.

Info for manual annotations of cluster W:

- Start number 23 was manually annotated 3 times for cluster W.
- Start number 26 was manually annotated 3 times for cluster W.
- Start number 28 was manually annotated 2 times for cluster W.

Info for manual annotations of cluster Y:

- Start number 43 was manually annotated 2 times for cluster Y.

Info for manual annotations of cluster Z:

- Start number 43 was manually annotated 1 time for cluster Z.

Gene Information:

Gene: 32HC_31 Start: 25140, Stop: 26351, Start Num: 43

Candidate Starts for 32HC_31:

(Start: 43 @25140 has 46 MA's), (47, 25161), (78, 25299), (107, 25401), (154, 25524), (158, 25539), (168, 25560), (193, 25611), (200, 25641), (201, 25644), (202, 25650), (206, 25677), (207, 25680), (209, 25686), (216, 25701), (218, 25707), (224, 25728), (230, 25740), (252, 25872), (255, 25899), (287, 26082), (295, 26115), (333, 26289),

Gene: 39HC_027 Start: 30067, Stop: 31293, Start Num: 28

Candidate Starts for 39HC_027:

(5, 29542), (8, 29644), (Start: 28 @30067 has 361 MA's), (36, 30106), (48, 30157), (Start: 52 @30178 has 1 MA's), (62, 30223), (77, 30283), (83, 30304), (84, 30307), (100, 30364), (117, 30418), (118, 30421), (121, 30427), (161, 30544), (189, 30613), (220, 30718), (249, 30850), (251, 30856), (273, 30979), (288, 31039), (302, 31093), (303, 31099), (319, 31147),

Gene: 40BC_027 Start: 30067, Stop: 31293, Start Num: 28

Candidate Starts for 40BC_027:

(5, 29542), (8, 29644), (Start: 28 @30067 has 361 MA's), (36, 30106), (48, 30157), (Start: 52 @30178 has 1 MA's), (62, 30223), (77, 30283), (83, 30304), (84, 30307), (100, 30364), (117, 30418), (118, 30421), (121, 30427), (161, 30544), (189, 30613), (220, 30718), (249, 30850), (251, 30856), (273, 30979), (288, 31039), (302, 31093), (303, 31099), (319, 31147),

Gene: ABU_33 Start: 32364, Stop: 33524, Start Num: 28

Candidate Starts for ABU_33:

(Start: 28 @32364 has 361 MA's), (Start: 52 @32475 has 1 MA's), (62, 32520), (89, 32619), (105, 32679), (117, 32715), (127, 32739), (143, 32784), (145, 32790), (164, 32841), (180, 32880), (181, 32883), (186, 32895), (192, 32910), (226, 32934), (235, 32967), (249, 33048), (258, 33093), (266, 33141), (272, 33177), (275, 33186), (278, 33192), (331, 33417),

Gene: Abinghost_33 Start: 32219, Stop: 33421, Start Num: 28

Candidate Starts for Abinghost_33:

(Start: 28 @32219 has 361 MA's), (35, 32252), (68, 32396), (70, 32405), (73, 32414), (83, 32453), (87, 32462), (93, 32480), (97, 32498), (101, 32516), (102, 32522), (106, 32534), (112, 32552), (117, 32567), (130, 32600), (140, 32627), (156, 32672), (188, 32753), (197, 32780), (212, 32798), (219, 32816), (234, 32858), (237, 32882), (251, 32957), (254, 32987), (266, 33047), (268, 33059), (270, 33077), (292, 33179), (319, 33284), (321, 33290), (324, 33308), (340, 33395),

Gene: AbsoluteMadLad_32 Start: 32373, Stop: 33533, Start Num: 28

Candidate Starts for AbsoluteMadLad_32:

(Start: 28 @32373 has 361 MA's), (Start: 52 @32484 has 1 MA's), (62, 32529), (89, 32628), (105, 32688), (117, 32724), (127, 32748), (143, 32793), (145, 32799), (164, 32850), (180, 32889), (181, 32892), (186, 32904), (192, 32919), (226, 32943), (235, 32976), (249, 33057), (258, 33102), (266, 33150), (272, 33186), (275, 33195), (278, 33201), (331, 33426),

Gene: Acquire49_21 Start: 21688, Stop: 22860, Start Num: 30

Candidate Starts for Acquire49_21:

(Start: 27 @21685 has 5 MA's), (Start: 30 @21688 has 34 MA's), (56, 21814), (66, 21856), (69, 21868), (70, 21871), (79, 21904), (82, 21916), (97, 21964), (101, 21982), (112, 22018), (117, 22033), (138, 22084), (148, 22114), (163, 22156), (175, 22180), (218, 22216), (221, 22222), (230, 22249), (234, 22267), (251, 22360), (252, 22363), (265, 22447), (293, 22585), (298, 22603), (319, 22687),

Gene: Adriana_33 Start: 32362, Stop: 33522, Start Num: 28

Candidate Starts for Adriana_33:

(Start: 28 @32362 has 361 MA's), (Start: 52 @32473 has 1 MA's), (62, 32518), (89, 32617), (105, 32677), (117, 32713), (127, 32737), (143, 32782), (145, 32788), (164, 32839), (180, 32878), (181, 32881), (186, 32893), (192, 32908), (226, 32932), (235, 32965), (249, 33046), (258, 33091), (266, 33139), (272, 33175), (275, 33184), (278, 33190), (331, 33415),

Gene: Aelin_32 Start: 31928, Stop: 33088, Start Num: 28

Candidate Starts for Aelin_32:

(Start: 28 @31928 has 361 MA's), (Start: 52 @32039 has 1 MA's), (62, 32084), (89, 32183), (105, 32243), (117, 32279), (127, 32303), (143, 32348), (145, 32354), (164, 32405), (180, 32444), (181, 32447), (186, 32459), (226, 32498), (235, 32531), (249, 32612), (258, 32657), (266, 32705), (272, 32741), (275, 32750), (278, 32756), (331, 32981),

Gene: Ahwei_29 Start: 31578, Stop: 32735, Start Num: 28

Candidate Starts for Ahwei_29:

(Start: 28 @31578 has 361 MA's), (49, 31671), (Start: 52 @31686 has 1 MA's), (55, 31701), (58, 31713), (62, 31731), (86, 31821), (100, 31872), (102, 31881), (104, 31887), (109, 31899), (117, 31926), (125, 31941), (126, 31947), (127, 31953), (140, 31986), (143, 31995), (155, 32028), (168, 32061), (233, 32151), (234, 32157), (250, 32256), (251, 32259), (278, 32403), (310, 32556),

Gene: Akhila_20 Start: 20281, Stop: 21492, Start Num: 43

Candidate Starts for Akhila_20:

(Start: 43 @20281 has 46 MA's), (48, 20305), (60, 20362), (Start: 71 @20410 has 1 MA's), (88, 20470), (91, 20479), (95, 20494), (101, 20518), (108, 20542), (111, 20554), (123, 20590), (138, 20629), (140, 20638), (149, 20662), (158, 20692), (191, 20776), (193, 20779), (199, 20800), (203, 20836), (204, 20839), (213, 20860), (230, 20902), (249, 21019), (255, 21055), (257, 21061), (278, 21166), (292, 21247),

Gene: Akoma_33 Start: 32223, Stop: 33425, Start Num: 28

Candidate Starts for Akoma_33:

(Start: 28 @32223 has 361 MA's), (35, 32256), (68, 32400), (70, 32409), (73, 32418), (83, 32457), (87, 32466), (93, 32484), (97, 32502), (101, 32520), (102, 32526), (106, 32538), (112, 32556), (117, 32571), (130, 32604), (140, 32631), (156, 32676), (188, 32757), (197, 32784), (212, 32802), (219, 32820), (234, 32862), (237, 32886), (251, 32961), (254, 32991), (266, 33051), (268, 33063), (270, 33081), (292, 33183), (319, 33288), (321, 33294), (324, 33312), (340, 33399),

Gene: AlanGrant_31 Start: 33326, Stop: 34483, Start Num: 28

Candidate Starts for AlanGrant_31:

(Start: 28 @33326 has 361 MA's), (49, 33419), (Start: 52 @33434 has 1 MA's), (55, 33449), (58, 33461), (62, 33479), (86, 33569), (100, 33620), (102, 33629), (109, 33647), (117, 33674), (125,

33689), (126, 33695), (127, 33701), (140, 33734), (143, 33743), (155, 33776), (168, 33809), (172, 33821), (186, 33854), (192, 33869), (233, 33899), (234, 33905), (245, 33971), (248, 33995), (250, 34004), (278, 34151), (310, 34304),

Gene: Allegro_33 Start: 32683, Stop: 33846, Start Num: 28

Candidate Starts for Allegro_33:

(11, 32536), (Start: 23 @32677 has 11 MA's), (Start: 28 @32683 has 361 MA's), (36, 32722), (Start: 41 @32752 has 4 MA's), (Start: 52 @32797 has 1 MA's), (62, 32842), (89, 32941), (105, 33001), (117, 33037), (127, 33061), (143, 33106), (145, 33112), (164, 33163), (180, 33202), (181, 33205), (186, 33217), (192, 33232), (226, 33256), (235, 33289), (249, 33370), (266, 33463), (272, 33499), (275, 33508), (278, 33514), (289, 33574), (331, 33739),

Gene: AltPhacts_33 Start: 32351, Stop: 33511, Start Num: 28

Candidate Starts for AltPhacts_33:

(Start: 28 @32351 has 361 MA's), (Start: 52 @32462 has 1 MA's), (62, 32507), (89, 32606), (105, 32666), (117, 32702), (127, 32726), (143, 32771), (145, 32777), (164, 32828), (180, 32867), (181, 32870), (186, 32882), (192, 32897), (226, 32921), (235, 32954), (249, 33035), (258, 33080), (266, 33128), (272, 33164), (275, 33173), (278, 33179), (331, 33404),

Gene: Altwerkus_32 Start: 32052, Stop: 33212, Start Num: 28

Candidate Starts for Altwerkus_32:

(Start: 28 @32052 has 361 MA's), (Start: 52 @32163 has 1 MA's), (62, 32208), (89, 32307), (105, 32367), (117, 32403), (127, 32427), (143, 32472), (145, 32478), (164, 32529), (180, 32568), (181, 32571), (186, 32583), (226, 32622), (235, 32655), (249, 32736), (258, 32781), (266, 32829), (272, 32865), (275, 32874), (278, 32880), (331, 33105),

Gene: Anderson_33 Start: 32357, Stop: 33517, Start Num: 28

Candidate Starts for Anderson_33:

(Start: 28 @32357 has 361 MA's), (Start: 52 @32468 has 1 MA's), (62, 32513), (89, 32612), (105, 32672), (117, 32708), (127, 32732), (143, 32777), (145, 32783), (164, 32834), (180, 32873), (181, 32876), (186, 32888), (226, 32927), (235, 32960), (249, 33041), (258, 33086), (266, 33134), (272, 33170), (275, 33179), (278, 33185), (331, 33410),

Gene: Andre_33 Start: 32356, Stop: 33516, Start Num: 28

Candidate Starts for Andre_33:

(Start: 28 @32356 has 361 MA's), (Start: 52 @32467 has 1 MA's), (62, 32512), (89, 32611), (105, 32671), (117, 32707), (127, 32731), (143, 32776), (145, 32782), (164, 32833), (180, 32872), (181, 32875), (186, 32887), (226, 32926), (235, 32959), (249, 33040), (258, 33085), (266, 33133), (272, 33169), (275, 33178), (278, 33184), (331, 33409),

Gene: Antihero_29 Start: 31578, Stop: 32735, Start Num: 28

Candidate Starts for Antihero_29:

(Start: 28 @31578 has 361 MA's), (49, 31671), (Start: 52 @31686 has 1 MA's), (55, 31701), (58, 31713), (62, 31731), (86, 31821), (100, 31872), (102, 31881), (104, 31887), (109, 31899), (117, 31926), (125, 31941), (126, 31947), (127, 31953), (140, 31986), (143, 31995), (155, 32028), (168, 32061), (233, 32151), (234, 32157), (250, 32256), (251, 32259), (278, 32403), (310, 32556),

Gene: Antonia_32 Start: 31928, Stop: 33088, Start Num: 28

Candidate Starts for Antonia_32:

(Start: 28 @31928 has 361 MA's), (Start: 52 @32039 has 1 MA's), (62, 32084), (89, 32183), (105, 32243), (117, 32279), (127, 32303), (143, 32348), (145, 32354), (164, 32405), (180, 32444), (181, 32447), (186, 32459), (226, 32498), (235, 32531), (249, 32612), (258, 32657), (266, 32705), (272, 32741), (275, 32750), (278, 32756), (331, 32981),

Gene: Apex_30 Start: 32785, Stop: 33942, Start Num: 28

Candidate Starts for Apex_30:

(Start: 28 @32785 has 361 MA's), (49, 32878), (Start: 52 @32893 has 1 MA's), (55, 32908), (58, 32920), (62, 32938), (73, 32980), (86, 33028), (100, 33079), (102, 33088), (109, 33106), (117, 33133), (125, 33148), (126, 33154), (127, 33160), (129, 33166), (140, 33193), (143, 33202), (155, 33235), (168, 33268), (192, 33328), (233, 33358), (234, 33364), (242, 33409), (250, 33463), (251, 33466), (278, 33610), (310, 33763),

Gene: Apizium_32 Start: 32120, Stop: 33280, Start Num: 28

Candidate Starts for Apizium_32:

(Start: 28 @32120 has 361 MA's), (Start: 52 @32231 has 1 MA's), (62, 32276), (89, 32375), (105, 32435), (117, 32471), (127, 32495), (143, 32540), (145, 32546), (164, 32597), (180, 32636), (181, 32639), (186, 32651), (226, 32690), (235, 32723), (249, 32804), (258, 32849), (266, 32897), (272, 32933), (275, 32942), (278, 32948), (331, 33173),

Gene: Appletree2_21 Start: 21628, Stop: 22803, Start Num: 27

Candidate Starts for Appletree2_21:

(Start: 27 @21628 has 5 MA's), (Start: 30 @21631 has 34 MA's), (56, 21757), (66, 21799), (69, 21811), (70, 21814), (79, 21847), (82, 21859), (97, 21907), (101, 21925), (112, 21961), (117, 21976), (138, 22027), (148, 22057), (163, 22099), (175, 22123), (218, 22159), (221, 22165), (230, 22192), (234, 22210), (251, 22303), (252, 22306), (265, 22390), (293, 22528), (298, 22546), (319, 22630),

Gene: Arbiter_33 Start: 32772, Stop: 33935, Start Num: 28

Candidate Starts for Arbiter_33:

(11, 32625), (Start: 23 @32766 has 11 MA's), (Start: 28 @32772 has 361 MA's), (36, 32811), (Start: 41 @32841 has 4 MA's), (Start: 52 @32886 has 1 MA's), (62, 32931), (89, 33030), (105, 33090), (117, 33126), (127, 33150), (143, 33195), (145, 33201), (164, 33252), (180, 33291), (181, 33294), (186, 33306), (192, 33321), (226, 33345), (235, 33378), (249, 33459), (266, 33552), (272, 33588), (275, 33597), (278, 33603), (289, 33663), (331, 33828),

Gene: Ares_33 Start: 32688, Stop: 33896, Start Num: 23

Candidate Starts for Ares_33:

(13, 32547), (Start: 23 @32688 has 11 MA's), (Start: 26 @32691 has 6 MA's), (Start: 41 @32760 has 4 MA's), (58, 32829), (64, 32859), (68, 32871), (69, 32877), (70, 32880), (73, 32889), (83, 32928), (87, 32937), (90, 32949), (105, 33006), (112, 33027), (117, 33042), (136, 33087), (140, 33102), (156, 33147), (184, 33216), (195, 33243), (208, 33267), (225, 33312), (234, 33333), (237, 33357), (251, 33432), (254, 33462), (266, 33522), (268, 33534), (270, 33552), (292, 33654), (319, 33759), (321, 33765), (324, 33783), (338, 33834), (340, 33870),

Gene: Argie_26 Start: 29663, Stop: 30871, Start Num: 28

Candidate Starts for Argie_26:

(Start: 23 @29657 has 11 MA's), (Start: 28 @29663 has 361 MA's), (36, 29702), (Start: 52 @29777 has 1 MA's), (53, 29780), (61, 29813), (64, 29834), (69, 29852), (Start: 71 @29858 has 1 MA's), (73, 29864), (83, 29903), (84, 29906), (87, 29912), (105, 29981), (112, 30002), (140, 30077), (156, 30122), (168, 30152), (186, 30197), (189, 30206), (192, 30212), (195, 30218), (208, 30242), (225, 30287), (234, 30308), (237, 30332), (251, 30407), (254, 30437), (266, 30497), (268, 30509), (270, 30527), (292, 30629), (321, 30740), (324, 30758), (338, 30809), (340, 30845),

Gene: Arissanae_32 Start: 24817, Stop: 26022, Start Num: 28

Candidate Starts for Arissanae_32:

(Start: 28 @24817 has 361 MA's), (68, 24994), (69, 25000), (70, 25003), (84, 25054), (136, 25210), (152, 25258), (250, 25552), (254, 25585), (278, 25696), (311, 25852),

Gene: Ashraf_32 Start: 31924, Stop: 33084, Start Num: 28

Candidate Starts for Ashraf_32:

(Start: 28 @31924 has 361 MA's), (Start: 52 @32035 has 1 MA's), (62, 32080), (89, 32179), (105, 32239), (117, 32275), (127, 32299), (143, 32344), (145, 32350), (164, 32401), (180, 32440), (181, 32443), (186, 32455), (192, 32470), (226, 32494), (235, 32527), (249, 32608), (258, 32653), (266, 32701), (272, 32737), (275, 32746), (278, 32752), (331, 32977),

Gene: Athena_34 Start: 32970, Stop: 34172, Start Num: 28

Candidate Starts for Athena_34:

(Start: 28 @32970 has 361 MA's), (35, 33003), (68, 33147), (70, 33156), (73, 33165), (83, 33204), (87, 33213), (93, 33231), (105, 33282), (109, 33291), (112, 33303), (114, 33309), (117, 33318), (136, 33363), (140, 33378), (156, 33423), (171, 33462), (184, 33492), (189, 33507), (195, 33519), (208, 33543), (225, 33588), (234, 33609), (237, 33633), (251, 33708), (254, 33738), (266, 33798), (268, 33810), (270, 33828), (292, 33930), (319, 34035), (321, 34041), (324, 34059), (340, 34146),

Gene: Audrey_33 Start: 32219, Stop: 33421, Start Num: 28

Candidate Starts for Audrey_33:

(Start: 28 @32219 has 361 MA's), (35, 32252), (68, 32396), (70, 32405), (73, 32414), (83, 32453), (87, 32462), (93, 32480), (97, 32498), (101, 32516), (102, 32522), (106, 32534), (112, 32552), (117, 32567), (130, 32600), (140, 32627), (156, 32672), (188, 32753), (197, 32780), (212, 32798), (219, 32816), (234, 32858), (237, 32882), (251, 32957), (254, 32987), (266, 33047), (268, 33059), (270, 33077), (292, 33179), (319, 33284), (321, 33290), (324, 33308), (340, 33395),

Gene: AuntGwenStacy_28 Start: 26025, Stop: 27062, Start Num: 43

Candidate Starts for AuntGwenStacy_28:

(Start: 43 @26025 has 46 MA's), (69, 26148), (85, 26202), (96, 26238), (120, 26301), (140, 26349), (167, 26403), (168, 26406), (249, 26592), (255, 26628), (262, 26670), (266, 26688), (278, 26739),

Gene: Auspice_31 Start: 26992, Stop: 28047, Start Num: 43

Candidate Starts for Auspice_31:

(Start: 43 @26992 has 46 MA's), (96, 27205), (108, 27241), (136, 27304), (168, 27376), (203, 27406), (210, 27427), (233, 27463), (239, 27499), (247, 27547), (249, 27568), (251, 27574), (255, 27604), (256, 27607), (264, 27655), (312, 27865), (325, 27919),

Gene: Austelle_31 Start: 33241, Stop: 34398, Start Num: 28

Candidate Starts for Austelle_31:

(Start: 28 @33241 has 361 MA's), (49, 33334), (Start: 52 @33349 has 1 MA's), (55, 33364), (58, 33376), (62, 33394), (73, 33436), (86, 33484), (100, 33535), (102, 33544), (109, 33562), (117, 33589), (125, 33604), (126, 33610), (127, 33616), (129, 33622), (140, 33649), (143, 33658), (155, 33691), (168, 33724), (192, 33784), (233, 33814), (234, 33820), (242, 33865), (250, 33919), (251, 33922), (278, 34066), (310, 34219),

Gene: AvadaKedavra_21 Start: 21698, Stop: 22870, Start Num: 30

Candidate Starts for AvadaKedavra_21:

(Start: 27 @21695 has 5 MA's), (Start: 30 @21698 has 34 MA's), (56, 21824), (66, 21866), (69, 21878), (70, 21881), (79, 21914), (82, 21926), (97, 21974), (101, 21992), (112, 22028), (117, 22043), (138, 22094), (148, 22124), (163, 22166), (175, 22190), (218, 22226), (221, 22232), (230, 22259), (234, 22277), (251, 22370), (252, 22373), (265, 22457), (293, 22595), (298, 22613), (319, 22697),

Gene: BabeRuth_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for BabeRuth_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (55, 19940), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (176, 20333), (178, 20336), (180, 20342), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Badfish_33 Start: 32386, Stop: 33546, Start Num: 28

Candidate Starts for Badfish_33:

(Start: 28 @32386 has 361 MA's), (Start: 52 @32497 has 1 MA's), (62, 32542), (89, 32641), (105, 32701), (117, 32737), (127, 32761), (143, 32806), (145, 32812), (164, 32863), (180, 32902), (181, 32905), (186, 32917), (192, 32932), (226, 32956), (235, 32989), (249, 33070), (258, 33115), (266, 33163), (272, 33199), (275, 33208), (278, 33214), (331, 33439),

Gene: Baloo_33 Start: 32222, Stop: 33424, Start Num: 28

Candidate Starts for Baloo_33:

(Start: 28 @32222 has 361 MA's), (35, 32255), (68, 32399), (70, 32408), (73, 32417), (83, 32456), (87, 32465), (93, 32483), (105, 32534), (109, 32543), (112, 32555), (114, 32561), (117, 32570), (136, 32615), (140, 32630), (156, 32675), (171, 32714), (184, 32744), (189, 32759), (195, 32771), (208, 32795), (225, 32840), (234, 32861), (237, 32885), (251, 32960), (254, 32990), (266, 33050), (268, 33062), (270, 33080), (292, 33182), (319, 33287), (321, 33293), (324, 33311), (340, 33398),

Gene: Bananafish_33 Start: 32686, Stop: 33855, Start Num: 23

Candidate Starts for Bananafish_33:

(11, 32545), (Start: 23 @32686 has 11 MA's), (Start: 28 @32692 has 361 MA's), (36, 32731), (Start: 41 @32761 has 4 MA's), (Start: 52 @32806 has 1 MA's), (62, 32851), (89, 32950), (105, 33010), (117, 33046), (127, 33070), (143, 33115), (145, 33121), (164, 33172), (180, 33211), (181, 33214), (186, 33226), (192, 33241), (226, 33265), (235, 33298), (249, 33379), (266, 33472), (272, 33508), (275, 33517), (278, 33523), (331, 33748),

Gene: Banjo_32 Start: 32062, Stop: 33222, Start Num: 28

Candidate Starts for Banjo_32:

(Start: 28 @32062 has 361 MA's), (Start: 52 @32173 has 1 MA's), (62, 32218), (89, 32317), (105, 32377), (117, 32413), (127, 32437), (143, 32482), (145, 32488), (164, 32539), (180, 32578), (181, 32581), (186, 32593), (192, 32608), (226, 32632), (235, 32665), (249, 32746), (258, 32791), (266, 32839), (272, 32875), (275, 32884), (278, 32890), (331, 33115),

Gene: Basato_34 Start: 32641, Stop: 33801, Start Num: 28

Candidate Starts for Basato_34:

(Start: 28 @32641 has 361 MA's), (Start: 52 @32752 has 1 MA's), (62, 32797), (89, 32896), (105, 32956), (117, 32992), (127, 33016), (143, 33061), (145, 33067), (164, 33118), (180, 33157), (181, 33160), (186, 33172), (192, 33187), (226, 33211), (235, 33244), (249, 33325), (258, 33370), (266, 33418), (272, 33454), (275, 33463), (278, 33469), (331, 33694),

Gene: BatteryCK_32 Start: 31981, Stop: 33141, Start Num: 28

Candidate Starts for BatteryCK_32:

(Start: 28 @31981 has 361 MA's), (Start: 52 @32092 has 1 MA's), (62, 32137), (89, 32236), (105, 32296), (117, 32332), (127, 32356), (143, 32401), (145, 32407), (164, 32458), (180, 32497), (181, 32500), (186, 32512), (226, 32551), (235, 32584), (249, 32665), (266, 32758), (272, 32794), (275, 32803), (278, 32809), (331, 33034),

Gene: Beaglebox_32 Start: 32083, Stop: 33243, Start Num: 28

Candidate Starts for Beaglebox_32:

(Start: 28 @32083 has 361 MA's), (Start: 52 @32194 has 1 MA's), (62, 32239), (89, 32338), (105, 32398), (117, 32434), (127, 32458), (143, 32503), (145, 32509), (164, 32560), (180, 32599), (181, 32602), (186, 32614), (226, 32653), (235, 32686), (249, 32767), (258, 32812), (266, 32860), (272, 32896), (275, 32905), (278, 32911), (331, 33136),

Gene: Bellis_22 Start: 22249, Stop: 23466, Start Num: 30

Candidate Starts for Bellis_22:

(Start: 30 @22249 has 34 MA's), (51, 22351), (54, 22363), (58, 22381), (61, 22390), (69, 22429), (79, 22465), (83, 22480), (85, 22486), (94, 22516), (95, 22519), (104, 22555), (109, 22567), (127, 22618), (128, 22621), (150, 22681), (159, 22708), (165, 22723), (170, 22729), (174, 22741), (204, 22801), (214, 22825), (234, 22885), (250, 22981), (254, 23014), (268, 23086), (272, 23110), (278, 23125), (327, 23338), (329, 23350),

Gene: Ben11_32 Start: 32041, Stop: 33243, Start Num: 28

Candidate Starts for Ben11_32:

(Start: 28 @32041 has 361 MA's), (35, 32074), (68, 32218), (70, 32227), (73, 32236), (83, 32275), (87, 32284), (93, 32302), (97, 32320), (101, 32338), (102, 32344), (106, 32356), (112, 32374), (117, 32389), (130, 32422), (140, 32449), (156, 32494), (188, 32575), (197, 32602), (212, 32620), (219, 32638), (234, 32680), (237, 32704), (251, 32779), (254, 32809), (266, 32869), (268, 32881), (270, 32899), (291, 32998), (292, 33001), (319, 33106), (321, 33112), (324, 33130), (340, 33217),

Gene: Bernardo_33 Start: 32309, Stop: 33511, Start Num: 28

Candidate Starts for Bernardo_33:

(Start: 28 @32309 has 361 MA's), (35, 32342), (68, 32486), (70, 32495), (73, 32504), (83, 32543), (87, 32552), (93, 32570), (105, 32621), (109, 32630), (112, 32642), (117, 32657), (136, 32702), (140, 32717), (156, 32762), (184, 32831), (189, 32846), (195, 32858), (208, 32882), (227, 32930), (229, 32936), (233, 32942), (234, 32948), (237, 32972), (251, 33047), (254, 33077), (266, 33137), (268, 33149), (270, 33167), (292, 33269), (319, 33374), (321, 33380), (338, 33449),

Gene: BigNuz_22 Start: 21497, Stop: 22546, Start Num: 43

Candidate Starts for BigNuz_22:

(Start: 43 @21497 has 46 MA's), (47, 21518), (80, 21659), (90, 21689), (96, 21710), (120, 21773), (137, 21812), (234, 21971), (255, 22103), (272, 22199), (334, 22484),

Gene: BigPhil_20 Start: 20087, Stop: 21244, Start Num: 40

Candidate Starts for BigPhil_20:

(Start: 40 @20087 has 3 MA's), (Start: 43 @20090 has 46 MA's), (Start: 71 @20219 has 1 MA's), (79, 20249), (88, 20279), (91, 20288), (95, 20303), (101, 20327), (108, 20351), (111, 20363), (138, 20438), (140, 20447), (149, 20471), (158, 20501), (203, 20585), (204, 20588), (213, 20609), (264, 20858), (266, 20867), (270, 20897), (278, 20918), (287, 20987), (341, 21221),

Gene: Bishoperium_32 Start: 32071, Stop: 33231, Start Num: 28

Candidate Starts for Bishoperium_32:

(Start: 28 @32071 has 361 MA's), (Start: 52 @32182 has 1 MA's), (62, 32227), (89, 32326), (105, 32386), (117, 32422), (127, 32446), (143, 32491), (145, 32497), (164, 32548), (180, 32587), (181, 32590), (186, 32602), (192, 32617), (226, 32641), (235, 32674), (249, 32755), (258, 32800), (266, 32848), (272, 32884), (275, 32893), (278, 32899), (331, 33124),

Gene: BlackStallion_33 Start: 32373, Stop: 33533, Start Num: 28

Candidate Starts for BlackStallion_33:

(Start: 28 @32373 has 361 MA's), (Start: 52 @32484 has 1 MA's), (62, 32529), (89, 32628), (105, 32688), (117, 32724), (127, 32748), (143, 32793), (145, 32799), (164, 32850), (180, 32889), (181, 32892), (186, 32904), (192, 32919), (226, 32943), (235, 32976), (249, 33057), (258, 33102), (266,

33150), (272, 33186), (275, 33195), (278, 33201), (331, 33426),

Gene: Blocker23_33 Start: 32804, Stop: 33973, Start Num: 23

Candidate Starts for Blocker23_33:

(11, 32663), (Start: 23 @32804 has 11 MA's), (Start: 28 @32810 has 361 MA's), (36, 32849), (Start: 41 @32879 has 4 MA's), (Start: 52 @32924 has 1 MA's), (62, 32969), (89, 33068), (105, 33128), (117, 33164), (127, 33188), (143, 33233), (145, 33239), (164, 33290), (180, 33329), (181, 33332), (186, 33344), (192, 33359), (226, 33383), (235, 33416), (249, 33497), (266, 33590), (272, 33626), (275, 33635), (278, 33641), (331, 33866),

Gene: BlueHusk_33 Start: 31870, Stop: 33030, Start Num: 28

Candidate Starts for BlueHusk_33:

(Start: 28 @31870 has 361 MA's), (Start: 52 @31981 has 1 MA's), (62, 32026), (89, 32125), (105, 32185), (117, 32221), (127, 32245), (143, 32290), (145, 32296), (164, 32347), (180, 32386), (181, 32389), (186, 32401), (192, 32416), (226, 32440), (235, 32473), (249, 32554), (258, 32599), (266, 32647), (272, 32683), (275, 32692), (278, 32698), (331, 32923),

Gene: Bluephacebaby_32 Start: 32068, Stop: 33228, Start Num: 28

Candidate Starts for Bluephacebaby_32:

(Start: 28 @32068 has 361 MA's), (Start: 52 @32179 has 1 MA's), (62, 32224), (89, 32323), (105, 32383), (117, 32419), (127, 32443), (143, 32488), (145, 32494), (164, 32545), (180, 32584), (181, 32587), (186, 32599), (192, 32614), (226, 32638), (235, 32671), (249, 32752), (258, 32797), (266, 32845), (272, 32881), (275, 32890), (278, 32896), (331, 33121),

Gene: BobbyK_30 Start: 32610, Stop: 33767, Start Num: 28

Candidate Starts for BobbyK_30:

(Start: 28 @32610 has 361 MA's), (49, 32703), (Start: 52 @32718 has 1 MA's), (55, 32733), (58, 32745), (62, 32763), (100, 32904), (102, 32913), (109, 32931), (117, 32958), (125, 32973), (126, 32979), (127, 32985), (129, 32991), (140, 33018), (143, 33027), (155, 33060), (168, 33093), (192, 33153), (233, 33183), (234, 33189), (242, 33234), (250, 33288), (251, 33291), (278, 33435), (310, 33588),

Gene: Boehler_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Boehler_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: Bongo_31 Start: 26992, Stop: 28047, Start Num: 43

Candidate Starts for Bongo_31:

(Start: 43 @26992 has 46 MA's), (96, 27205), (108, 27241), (136, 27304), (168, 27376), (203, 27406), (210, 27427), (233, 27463), (239, 27499), (247, 27547), (249, 27568), (251, 27574), (255, 27604), (256, 27607), (264, 27655), (303, 27844), (312, 27865), (325, 27919),

Gene: BourbonZero_21 Start: 22227, Stop: 23426, Start Num: 30

Candidate Starts for BourbonZero_21:

(Start: 30 @22227 has 34 MA's), (51, 22329), (58, 22359), (61, 22368), (69, 22407), (73, 22419), (83, 22458), (94, 22494), (97, 22503), (106, 22539), (125, 22587), (174, 22719), (177, 22725), (227, 22839), (234, 22863), (249, 22956), (254, 22992), (265, 23046), (268, 23064), (311, 23256), (336, 23364),

Gene: Boyle_33 Start: 32811, Stop: 33974, Start Num: 28

Candidate Starts for Boyle_33:

(11, 32664), (Start: 23 @32805 has 11 MA's), (Start: 28 @32811 has 361 MA's), (36, 32850), (Start: 41 @32880 has 4 MA's), (Start: 52 @32925 has 1 MA's), (62, 32970), (89, 33069), (105, 33129), (117, 33165), (127, 33189), (143, 33234), (145, 33240), (164, 33291), (180, 33330), (181, 33333), (186, 33345), (192, 33360), (226, 33384), (235, 33417), (249, 33498), (258, 33543), (266, 33591), (272, 33627), (275, 33636), (278, 33642), (289, 33702), (331, 33867),

Gene: BrainDrainer_22 Start: 21566, Stop: 22720, Start Num: 30

Candidate Starts for BrainDrainer_22:

(Start: 30 @21566 has 34 MA's), (51, 21668), (54, 21680), (70, 21749), (97, 21842), (112, 21896), (125, 21926), (127, 21935), (141, 21974), (158, 22022), (170, 22046), (174, 22058), (214, 22082), (239, 22172), (261, 22289), (264, 22325), (266, 22334), (279, 22391), (284, 22430),

Gene: Bricole_31 Start: 26978, Stop: 28033, Start Num: 43

Candidate Starts for Bricole_31:

(Start: 43 @26978 has 46 MA's), (96, 27191), (108, 27227), (136, 27290), (168, 27362), (203, 27392), (210, 27413), (233, 27449), (239, 27485), (247, 27533), (249, 27554), (251, 27560), (255, 27590), (256, 27593), (264, 27641), (303, 27830), (312, 27851), (325, 27905),

Gene: Brilliant_33 Start: 32079, Stop: 33239, Start Num: 28

Candidate Starts for Brilliant_33:

(Start: 28 @32079 has 361 MA's), (Start: 52 @32190 has 1 MA's), (62, 32235), (89, 32334), (105, 32394), (117, 32430), (127, 32454), (143, 32499), (145, 32505), (164, 32556), (180, 32595), (181, 32598), (186, 32610), (226, 32649), (235, 32682), (249, 32763), (258, 32808), (266, 32856), (272, 32892), (275, 32901), (278, 32907), (331, 33132),

Gene: Brocalys_20 Start: 19901, Stop: 21058, Start Num: 41

Candidate Starts for Brocalys_20:

(Start: 41 @19901 has 4 MA's), (65, 20009), (Start: 71 @20030 has 1 MA's), (88, 20090), (95, 20114), (97, 20120), (101, 20138), (103, 20150), (108, 20162), (111, 20174), (131, 20234), (138, 20249), (140, 20258), (149, 20282), (158, 20312), (203, 20396), (204, 20399), (213, 20420), (222, 20441), (224, 20450), (230, 20462), (232, 20471), (278, 20732), (287, 20801), (341, 21035),

Gene: BrownCNA_31 Start: 32871, Stop: 34028, Start Num: 28

Candidate Starts for BrownCNA_31:

(Start: 28 @32871 has 361 MA's), (49, 32964), (Start: 52 @32979 has 1 MA's), (55, 32994), (58, 33006), (62, 33024), (73, 33066), (100, 33165), (102, 33174), (109, 33192), (117, 33219), (125, 33234), (126, 33240), (127, 33246), (129, 33252), (140, 33279), (143, 33288), (155, 33321), (168, 33354), (189, 33408), (192, 33414), (233, 33444), (234, 33450), (236, 33471), (242, 33495), (250, 33549), (251, 33552), (278, 33696),

Gene: Brownie5_33 Start: 32811, Stop: 33980, Start Num: 23

Candidate Starts for Brownie5_33:

(11, 32670), (Start: 23 @32811 has 11 MA's), (Start: 28 @32817 has 361 MA's), (36, 32856), (Start: 41 @32886 has 4 MA's), (Start: 52 @32931 has 1 MA's), (62, 32976), (89, 33075), (105, 33135), (117, 33171), (127, 33195), (143, 33240), (145, 33246), (164, 33297), (180, 33336), (181, 33339), (186, 33351), (192, 33366), (226, 33390), (235, 33423), (249, 33504), (266, 33597), (272, 33633), (275, 33642), (278, 33648), (289, 33708), (331, 33873),

Gene: Buckeye_33 Start: 32391, Stop: 33551, Start Num: 28

Candidate Starts for Buckeye_33:

(Start: 28 @32391 has 361 MA's), (Start: 52 @32502 has 1 MA's), (62, 32547), (89, 32646), (105, 32706), (117, 32742), (127, 32766), (143, 32811), (145, 32817), (164, 32868), (180, 32907), (181,

32910), (186, 32922), (192, 32937), (226, 32961), (235, 32994), (249, 33075), (258, 33120), (266, 33168), (272, 33204), (275, 33213), (278, 33219), (331, 33444),

Gene: Burr_32 Start: 32068, Stop: 33228, Start Num: 28

Candidate Starts for Burr_32:

(Start: 28 @32068 has 361 MA's), (Start: 52 @32179 has 1 MA's), (62, 32224), (89, 32323), (105, 32383), (117, 32419), (127, 32443), (143, 32488), (145, 32494), (164, 32545), (180, 32584), (181, 32587), (186, 32599), (226, 32638), (235, 32671), (249, 32752), (258, 32797), (266, 32845), (272, 32881), (275, 32890), (278, 32896), (331, 33121),

Gene: CRB2_34 Start: 34225, Stop: 35433, Start Num: 24

Candidate Starts for CRB2_34:

(9, 34009), (19, 34192), (Start: 24 @34225 has 8 MA's), (62, 34387), (Start: 71 @34423 has 1 MA's), (83, 34471), (97, 34516), (114, 34576), (121, 34594), (146, 34660), (153, 34678), (158, 34696), (164, 34711), (165, 34714), (175, 34738), (252, 34933), (267, 35023), (270, 35068), (276, 35083), (290, 35170), (294, 35185), (303, 35236), (315, 35269), (342, 35416),

Gene: Calamitous_33 Start: 32697, Stop: 33860, Start Num: 28

Candidate Starts for Calamitous_33:

(11, 32550), (Start: 23 @32691 has 11 MA's), (Start: 28 @32697 has 361 MA's), (36, 32736), (Start: 41 @32766 has 4 MA's), (Start: 52 @32811 has 1 MA's), (62, 32856), (89, 32955), (105, 33015), (117, 33051), (127, 33075), (143, 33120), (145, 33126), (164, 33177), (180, 33216), (181, 33219), (186, 33231), (192, 33246), (226, 33270), (235, 33303), (249, 33384), (266, 33477), (272, 33513), (275, 33522), (278, 33528), (331, 33753),

Gene: Calm_21 Start: 21702, Stop: 22874, Start Num: 30

Candidate Starts for Calm_21:

(Start: 27 @21699 has 5 MA's), (Start: 30 @21702 has 34 MA's), (56, 21828), (66, 21870), (69, 21882), (70, 21885), (79, 21918), (82, 21930), (85, 21939), (97, 21978), (101, 21996), (112, 22032), (117, 22047), (138, 22098), (148, 22128), (163, 22170), (175, 22194), (218, 22230), (221, 22236), (230, 22263), (234, 22281), (251, 22374), (252, 22377), (265, 22461), (293, 22599), (298, 22617), (319, 22701),

Gene: CamL_33 Start: 32369, Stop: 33529, Start Num: 28

Candidate Starts for CamL_33:

(Start: 28 @32369 has 361 MA's), (Start: 52 @32480 has 1 MA's), (62, 32525), (89, 32624), (105, 32684), (117, 32720), (127, 32744), (143, 32789), (145, 32795), (164, 32846), (180, 32885), (181, 32888), (186, 32900), (192, 32915), (226, 32939), (235, 32972), (249, 33053), (258, 33098), (266, 33146), (272, 33182), (275, 33191), (278, 33197), (331, 33422),

Gene: CampRoach_33 Start: 32359, Stop: 33519, Start Num: 28

Candidate Starts for CampRoach_33:

(Start: 28 @32359 has 361 MA's), (Start: 52 @32470 has 1 MA's), (62, 32515), (89, 32614), (105, 32674), (117, 32710), (127, 32734), (143, 32779), (145, 32785), (164, 32836), (180, 32875), (181, 32878), (186, 32890), (226, 32929), (235, 32962), (249, 33043), (266, 33136), (272, 33172), (275, 33181), (278, 33187), (331, 33412),

Gene: Cannibal_33 Start: 32352, Stop: 33512, Start Num: 28

Candidate Starts for Cannibal_33:

(Start: 28 @32352 has 361 MA's), (Start: 52 @32463 has 1 MA's), (62, 32508), (89, 32607), (105, 32667), (117, 32703), (127, 32727), (143, 32772), (145, 32778), (164, 32829), (180, 32868), (181, 32871), (186, 32883), (226, 32922), (235, 32955), (249, 33036), (258, 33081), (266, 33129), (272, 33165), (275, 33174), (278, 33180), (331, 33405),

Gene: Carthage_31 Start: 31281, Stop: 32441, Start Num: 28

Candidate Starts for Carthage_31:

(Start: 28 @31281 has 361 MA's), (Start: 52 @31392 has 1 MA's), (62, 31437), (89, 31536), (105, 31596), (117, 31632), (127, 31656), (143, 31701), (145, 31707), (164, 31758), (180, 31797), (181, 31800), (186, 31812), (226, 31851), (235, 31884), (249, 31965), (258, 32010), (266, 32058), (272, 32094), (275, 32103), (278, 32109), (331, 32334),

Gene: Casbah_32 Start: 32071, Stop: 33273, Start Num: 28

Candidate Starts for Casbah_32:

(Start: 28 @32071 has 361 MA's), (35, 32104), (68, 32248), (70, 32257), (73, 32266), (83, 32305), (87, 32314), (93, 32332), (97, 32350), (101, 32368), (102, 32374), (106, 32386), (112, 32404), (117, 32419), (130, 32452), (140, 32479), (156, 32524), (188, 32605), (197, 32632), (212, 32650), (219, 32668), (234, 32710), (237, 32734), (251, 32809), (254, 32839), (266, 32899), (268, 32911), (270, 32929), (291, 33028), (292, 33031), (319, 33136), (321, 33142), (324, 33160), (340, 33247),

Gene: Cepens_25 Start: 29381, Stop: 30586, Start Num: 26

Candidate Starts for Cepens_25:

(Start: 23 @29378 has 11 MA's), (Start: 26 @29381 has 6 MA's), (Start: 41 @29450 has 4 MA's), (58, 29519), (64, 29549), (68, 29561), (69, 29567), (70, 29570), (73, 29579), (83, 29618), (87, 29627), (90, 29639), (105, 29696), (109, 29705), (112, 29717), (117, 29732), (136, 29777), (140, 29792), (156, 29837), (184, 29906), (195, 29933), (208, 29957), (225, 30002), (234, 30023), (237, 30047), (251, 30122), (254, 30152), (266, 30212), (268, 30224), (270, 30242), (292, 30344), (321, 30455), (324, 30473), (338, 30524), (340, 30560),

Gene: Cerasum_20 Start: 20087, Stop: 21244, Start Num: 40

Candidate Starts for Cerasum_20:

(Start: 40 @20087 has 3 MA's), (Start: 43 @20090 has 46 MA's), (Start: 71 @20219 has 1 MA's), (79, 20249), (88, 20279), (91, 20288), (95, 20303), (101, 20327), (108, 20351), (111, 20363), (138, 20438), (140, 20447), (149, 20471), (158, 20501), (203, 20585), (204, 20588), (213, 20609), (264, 20858), (266, 20867), (270, 20897), (278, 20918), (287, 20987), (341, 21221),

Gene: ChaChing_33 Start: 32234, Stop: 33436, Start Num: 28

Candidate Starts for ChaChing_33:

(Start: 28 @32234 has 361 MA's), (35, 32267), (68, 32411), (70, 32420), (73, 32429), (83, 32468), (87, 32477), (93, 32495), (97, 32513), (101, 32531), (102, 32537), (106, 32549), (112, 32567), (117, 32582), (130, 32615), (140, 32642), (156, 32687), (188, 32768), (197, 32795), (212, 32813), (219, 32831), (234, 32873), (237, 32897), (251, 32972), (254, 33002), (266, 33062), (268, 33074), (270, 33092), (292, 33194), (319, 33299), (321, 33305), (324, 33323), (340, 33410),

Gene: Chaelin_33 Start: 32066, Stop: 33226, Start Num: 28

Candidate Starts for Chaelin_33:

(Start: 28 @32066 has 361 MA's), (Start: 52 @32177 has 1 MA's), (62, 32222), (89, 32321), (105, 32381), (117, 32417), (127, 32441), (143, 32486), (145, 32492), (164, 32543), (180, 32582), (181, 32585), (186, 32597), (226, 32636), (235, 32669), (249, 32750), (258, 32795), (266, 32843), (272, 32879), (275, 32888), (278, 32894), (331, 33119),

Gene: Chah_34 Start: 32386, Stop: 33546, Start Num: 28

Candidate Starts for Chah_34:

(Start: 28 @32386 has 361 MA's), (Start: 52 @32497 has 1 MA's), (62, 32542), (89, 32641), (105, 32701), (117, 32737), (127, 32761), (143, 32806), (145, 32812), (164, 32863), (180, 32902), (181, 32905), (186, 32917), (226, 32956), (235, 32989), (249, 33070), (258, 33115), (266, 33163), (272, 33199), (275, 33208), (278, 33214), (331, 33439),

Gene: Chandler_33 Start: 33002, Stop: 34204, Start Num: 28

Candidate Starts for Chandler_33:

(Start: 28 @33002 has 361 MA's), (35, 33035), (68, 33179), (70, 33188), (73, 33197), (83, 33236), (87, 33245), (93, 33263), (97, 33281), (101, 33299), (102, 33305), (106, 33317), (112, 33335), (117, 33350), (130, 33383), (140, 33410), (156, 33455), (188, 33536), (197, 33563), (212, 33581), (219, 33599), (234, 33641), (237, 33665), (251, 33740), (254, 33770), (266, 33830), (268, 33842), (270, 33860), (292, 33962), (319, 34067), (321, 34073), (324, 34091), (340, 34178),

Gene: Charles1_33 Start: 32354, Stop: 33514, Start Num: 28

Candidate Starts for Charles1_33:

(Start: 28 @32354 has 361 MA's), (Start: 52 @32465 has 1 MA's), (62, 32510), (89, 32609), (105, 32669), (117, 32705), (127, 32729), (143, 32774), (145, 32780), (164, 32831), (180, 32870), (181, 32873), (186, 32885), (192, 32900), (226, 32924), (235, 32957), (249, 33038), (258, 33083), (266, 33131), (272, 33167), (275, 33176), (278, 33182), (331, 33407),

Gene: CharlieGBrown_32 Start: 31944, Stop: 33104, Start Num: 28

Candidate Starts for CharlieGBrown_32:

(Start: 28 @31944 has 361 MA's), (Start: 52 @32055 has 1 MA's), (62, 32100), (89, 32199), (105, 32259), (117, 32295), (127, 32319), (143, 32364), (145, 32370), (164, 32421), (180, 32460), (181, 32463), (186, 32475), (192, 32490), (226, 32514), (235, 32547), (249, 32628), (258, 32673), (266, 32721), (272, 32757), (275, 32766), (278, 32772), (331, 32997),

Gene: Che9c_21 Start: 21007, Stop: 22053, Start Num: 43

Candidate Starts for Che9c_21:

(Start: 43 @21007 has 46 MA's), (96, 21220), (140, 21331), (161, 21373), (163, 21376), (215, 21445), (249, 21577), (255, 21613), (277, 21721), (312, 21874), (314, 21883), (318, 21895),

Gene: CheetO_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for CheetO_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (89, 32623), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (192, 32914), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266, 33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Cher_32 Start: 32091, Stop: 33251, Start Num: 28

Candidate Starts for Cher_32:

(Start: 28 @32091 has 361 MA's), (Start: 52 @32202 has 1 MA's), (62, 32247), (89, 32346), (105, 32406), (117, 32442), (127, 32466), (143, 32511), (145, 32517), (164, 32568), (180, 32607), (181, 32610), (186, 32622), (192, 32637), (226, 32661), (235, 32694), (249, 32775), (258, 32820), (266, 32868), (272, 32904), (275, 32913), (278, 32919), (331, 33144),

Gene: Childish_32 Start: 32094, Stop: 33254, Start Num: 28

Candidate Starts for Childish_32:

(Start: 28 @32094 has 361 MA's), (Start: 52 @32205 has 1 MA's), (62, 32250), (89, 32349), (105, 32409), (117, 32445), (127, 32469), (143, 32514), (145, 32520), (164, 32571), (180, 32610), (181, 32613), (186, 32625), (192, 32640), (226, 32664), (235, 32697), (249, 32778), (258, 32823), (266, 32871), (272, 32907), (275, 32916), (278, 32922), (331, 33147),

Gene: Chorkpop_33 Start: 32090, Stop: 33250, Start Num: 28

Candidate Starts for Chorkpop_33:

(Start: 28 @32090 has 361 MA's), (Start: 52 @32201 has 1 MA's), (62, 32246), (89, 32345), (105, 32405), (117, 32441), (127, 32465), (143, 32510), (145, 32516), (164, 32567), (180, 32606), (181,

32609), (186, 32621), (226, 32660), (235, 32693), (249, 32774), (258, 32819), (266, 32867), (272, 32903), (275, 32912), (278, 32918), (331, 33143),

Gene: ChrisnMich_29 Start: 31570, Stop: 32727, Start Num: 28

Candidate Starts for ChrisnMich_29:

(Start: 28 @31570 has 361 MA's), (49, 31663), (Start: 52 @31678 has 1 MA's), (55, 31693), (58, 31705), (62, 31723), (86, 31813), (100, 31864), (102, 31873), (104, 31879), (109, 31891), (117, 31918), (125, 31933), (126, 31939), (127, 31945), (140, 31978), (143, 31987), (155, 32020), (168, 32053), (233, 32143), (234, 32149), (250, 32248), (251, 32251), (278, 32395), (310, 32548),

Gene: Chunky_33 Start: 32488, Stop: 33537, Start Num: 52

Candidate Starts for Chunky_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (192, 32923), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: Chute_32 Start: 32415, Stop: 33575, Start Num: 28

Candidate Starts for Chute_32:

(Start: 28 @32415 has 361 MA's), (Start: 52 @32526 has 1 MA's), (62, 32571), (89, 32670), (105, 32730), (117, 32766), (127, 32790), (143, 32835), (145, 32841), (164, 32892), (180, 32931), (181, 32934), (186, 32946), (226, 32985), (235, 33018), (249, 33099), (258, 33144), (266, 33192), (272, 33228), (275, 33237), (278, 33243), (331, 33468),

Gene: CicholasNage_21 Start: 21687, Stop: 22862, Start Num: 27

Candidate Starts for CicholasNage_21:

(Start: 27 @21687 has 5 MA's), (Start: 30 @21690 has 34 MA's), (56, 21816), (66, 21858), (69, 21870), (70, 21873), (79, 21906), (82, 21918), (97, 21966), (101, 21984), (112, 22020), (117, 22035), (138, 22086), (148, 22116), (163, 22158), (175, 22182), (218, 22218), (221, 22224), (230, 22251), (234, 22269), (251, 22362), (252, 22365), (265, 22449), (293, 22587), (298, 22605), (319, 22689),

Gene: Clautastrophe_22 Start: 22247, Stop: 23464, Start Num: 30

Candidate Starts for Clautastrophe_22:

(Start: 30 @22247 has 34 MA's), (51, 22349), (54, 22361), (58, 22379), (61, 22388), (69, 22427), (79, 22463), (83, 22478), (85, 22484), (94, 22514), (95, 22517), (104, 22553), (109, 22565), (127, 22616), (128, 22619), (150, 22679), (159, 22706), (165, 22721), (170, 22727), (174, 22739), (204, 22799), (214, 22823), (234, 22883), (250, 22979), (254, 23012), (268, 23084), (272, 23108), (327, 23336), (329, 23348),

Gene: Clifton_19 Start: 20217, Stop: 21371, Start Num: 43

Candidate Starts for Clifton_19:

(Start: 40 @20214 has 3 MA's), (Start: 43 @20217 has 46 MA's), (60, 20298), (Start: 71 @20346 has 1 MA's), (88, 20406), (91, 20415), (95, 20430), (101, 20454), (108, 20478), (111, 20490), (138, 20565), (140, 20574), (149, 20598), (158, 20628), (203, 20712), (204, 20715), (213, 20736), (249, 20895), (264, 20985), (266, 20994), (270, 21024), (278, 21045), (341, 21348),

Gene: Cobra_33 Start: 32375, Stop: 33535, Start Num: 28

Candidate Starts for Cobra_33:

(Start: 28 @32375 has 361 MA's), (Start: 52 @32486 has 1 MA's), (62, 32531), (89, 32630), (105, 32690), (117, 32726), (127, 32750), (143, 32795), (145, 32801), (164, 32852), (180, 32891), (181, 32894), (186, 32906), (192, 32921), (226, 32945), (235, 32978), (249, 33059), (258, 33104), (266, 33152), (272, 33188), (275, 33197), (278, 33203), (331, 33428),

Gene: Coffee_33 Start: 32800, Stop: 33963, Start Num: 28

Candidate Starts for Coffee_33:

(11, 32653), (Start: 23 @32794 has 11 MA's), (Start: 28 @32800 has 361 MA's), (36, 32839), (Start: 41 @32869 has 4 MA's), (Start: 52 @32914 has 1 MA's), (62, 32959), (89, 33058), (105, 33118), (117, 33154), (127, 33178), (143, 33223), (145, 33229), (164, 33280), (180, 33319), (181, 33322), (186, 33334), (192, 33349), (226, 33373), (235, 33406), (249, 33487), (266, 33580), (272, 33616), (275, 33625), (278, 33631), (331, 33856),

Gene: Colbert_33 Start: 32430, Stop: 33590, Start Num: 28

Candidate Starts for Colbert_33:

(Start: 28 @32430 has 361 MA's), (Start: 52 @32541 has 1 MA's), (62, 32586), (89, 32685), (105, 32745), (117, 32781), (127, 32805), (143, 32850), (145, 32856), (164, 32907), (180, 32946), (181, 32949), (186, 32961), (226, 33000), (235, 33033), (249, 33114), (258, 33159), (266, 33207), (272, 33243), (275, 33252), (278, 33258), (331, 33483),

Gene: Coletti_32 Start: 32415, Stop: 33575, Start Num: 28

Candidate Starts for Coletti_32:

(Start: 28 @32415 has 361 MA's), (Start: 52 @32526 has 1 MA's), (62, 32571), (89, 32670), (105, 32730), (117, 32766), (127, 32790), (143, 32835), (145, 32841), (164, 32892), (180, 32931), (181, 32934), (186, 32946), (226, 32985), (235, 33018), (249, 33099), (258, 33144), (266, 33192), (272, 33228), (275, 33237), (278, 33243), (331, 33468),

Gene: Compostia_34 Start: 32649, Stop: 33851, Start Num: 28

Candidate Starts for Compostia_34:

(Start: 28 @32649 has 361 MA's), (68, 32826), (70, 32835), (73, 32844), (83, 32883), (87, 32892), (93, 32910), (97, 32928), (101, 32946), (102, 32952), (106, 32964), (112, 32982), (117, 32997), (130, 33030), (140, 33057), (156, 33102), (188, 33183), (197, 33210), (212, 33228), (219, 33246), (234, 33288), (254, 33417), (270, 33507), (292, 33609), (307, 33675), (319, 33714), (332, 33786), (341, 33828),

Gene: Cooper_30 Start: 31786, Stop: 32946, Start Num: 28

Candidate Starts for Cooper_30:

(Start: 28 @31786 has 361 MA's), (Start: 52 @31894 has 1 MA's), (55, 31909), (58, 31921), (61, 31930), (62, 31939), (68, 31963), (73, 31981), (100, 32080), (102, 32089), (104, 32095), (109, 32107), (117, 32134), (125, 32149), (126, 32155), (127, 32161), (128, 32164), (136, 32182), (140, 32197), (155, 32239), (168, 32272), (182, 32308), (192, 32332), (233, 32362), (234, 32368), (245, 32434), (250, 32467), (251, 32470), (278, 32614), (319, 32803),

Gene: Cornobble_32 Start: 31929, Stop: 33089, Start Num: 28

Candidate Starts for Cornobble_32:

(Start: 28 @31929 has 361 MA's), (Start: 52 @32040 has 1 MA's), (62, 32085), (105, 32244), (117, 32280), (127, 32304), (143, 32349), (145, 32355), (164, 32406), (180, 32445), (181, 32448), (186, 32460), (226, 32499), (235, 32532), (249, 32613), (258, 32658), (266, 32706), (272, 32742), (275, 32751), (278, 32757), (331, 32982),

Gene: Cosmolli16_32 Start: 32088, Stop: 33239, Start Num: 28

Candidate Starts for Cosmolli16_32:

(Start: 28 @32088 has 361 MA's), (Start: 52 @32199 has 1 MA's), (62, 32244), (89, 32343), (105, 32403), (117, 32439), (127, 32463), (143, 32508), (145, 32514), (164, 32565), (173, 32589), (180, 32604), (181, 32607), (186, 32619), (192, 32634), (226, 32658), (235, 32691), (249, 32772), (258, 32817), (266, 32865), (272, 32901), (275, 32910), (278, 32916), (331, 33141),

Gene: Craff_33 Start: 32372, Stop: 33532, Start Num: 28

Candidate Starts for Craff_33:

(Start: 28 @32372 has 361 MA's), (Start: 52 @32483 has 1 MA's), (62, 32528), (89, 32627), (105, 32687), (117, 32723), (127, 32747), (143, 32792), (145, 32798), (164, 32849), (180, 32888), (181, 32891), (186, 32903), (192, 32918), (226, 32942), (235, 32975), (249, 33056), (258, 33101), (266, 33149), (272, 33185), (275, 33194), (278, 33200), (331, 33425),

Gene: Crownjwl_33 Start: 32145, Stop: 33305, Start Num: 28

Candidate Starts for Crownjwl_33:

(Start: 28 @32145 has 361 MA's), (Start: 52 @32256 has 1 MA's), (62, 32301), (89, 32400), (105, 32460), (117, 32496), (127, 32520), (143, 32565), (145, 32571), (164, 32622), (180, 32661), (181, 32664), (186, 32676), (192, 32691), (226, 32715), (235, 32748), (249, 32829), (258, 32874), (266, 32922), (272, 32958), (275, 32967), (278, 32973), (331, 33198),

Gene: Crumble_19 Start: 20264, Stop: 21418, Start Num: 43

Candidate Starts for Crumble_19:

(Start: 40 @20261 has 3 MA's), (Start: 43 @20264 has 46 MA's), (60, 20345), (Start: 71 @20393 has 1 MA's), (88, 20453), (91, 20462), (95, 20477), (101, 20501), (108, 20525), (111, 20537), (138, 20612), (140, 20621), (149, 20645), (158, 20675), (203, 20759), (204, 20762), (213, 20783), (249, 20942), (264, 21032), (266, 21041), (270, 21071), (278, 21092), (341, 21395),

Gene: D12_25 Start: 29948, Stop: 31156, Start Num: 28

Candidate Starts for D12_25:

(Start: 23 @29942 has 11 MA's), (Start: 28 @29948 has 361 MA's), (36, 29987), (Start: 52 @30062 has 1 MA's), (53, 30065), (61, 30098), (64, 30119), (68, 30131), (69, 30137), (73, 30149), (83, 30188), (84, 30191), (105, 30266), (112, 30287), (140, 30362), (156, 30407), (168, 30437), (186, 30482), (189, 30491), (192, 30497), (195, 30503), (208, 30527), (225, 30572), (234, 30593), (237, 30617), (251, 30692), (254, 30722), (266, 30782), (268, 30794), (270, 30812), (291, 30911), (292, 30914), (319, 31019), (321, 31025), (332, 31091), (338, 31094), (340, 31130),

Gene: DaddyDaniels_33 Start: 32063, Stop: 33223, Start Num: 28

Candidate Starts for DaddyDaniels_33:

(Start: 28 @32063 has 361 MA's), (Start: 52 @32174 has 1 MA's), (62, 32219), (89, 32318), (105, 32378), (117, 32414), (127, 32438), (143, 32483), (145, 32489), (164, 32540), (180, 32579), (181, 32582), (186, 32594), (192, 32609), (226, 32633), (235, 32666), (249, 32747), (266, 32840), (272, 32876), (275, 32885), (278, 32891), (331, 33116),

Gene: Daffy_33 Start: 32094, Stop: 33254, Start Num: 28

Candidate Starts for Daffy_33:

(Start: 28 @32094 has 361 MA's), (Start: 52 @32205 has 1 MA's), (62, 32250), (89, 32349), (105, 32409), (117, 32445), (127, 32469), (143, 32514), (145, 32520), (164, 32571), (180, 32610), (181, 32613), (186, 32625), (226, 32664), (235, 32697), (249, 32778), (258, 32823), (266, 32871), (272, 32907), (275, 32916), (278, 32922), (331, 33147),

Gene: Daisy_33 Start: 32246, Stop: 33448, Start Num: 28

Candidate Starts for Daisy_33:

(Start: 28 @32246 has 361 MA's), (35, 32279), (68, 32423), (70, 32432), (73, 32441), (83, 32480), (87, 32489), (93, 32507), (97, 32525), (101, 32543), (102, 32549), (106, 32561), (112, 32579), (117, 32594), (130, 32627), (140, 32654), (156, 32699), (188, 32780), (197, 32807), (212, 32825), (219, 32843), (234, 32885), (237, 32909), (251, 32984), (254, 33014), (266, 33074), (268, 33086), (270, 33104), (292, 33206), (319, 33311), (321, 33317), (324, 33335), (340, 33422),

Gene: Daka_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for Daka_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266, 33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Dati_33 Start: 32088, Stop: 33248, Start Num: 28

Candidate Starts for Dati_33:

(Start: 28 @32088 has 361 MA's), (Start: 52 @32199 has 1 MA's), (62, 32244), (89, 32343), (105, 32403), (117, 32439), (127, 32463), (143, 32508), (145, 32514), (164, 32565), (180, 32604), (181, 32607), (186, 32619), (226, 32658), (235, 32691), (249, 32772), (266, 32865), (272, 32901), (275, 32910), (278, 32916), (331, 33141),

Gene: Deenasa_33 Start: 32985, Stop: 34187, Start Num: 28

Candidate Starts for Deenasa_33:

(Start: 28 @32985 has 361 MA's), (35, 33018), (68, 33162), (70, 33171), (73, 33180), (83, 33219), (87, 33228), (93, 33246), (97, 33264), (101, 33282), (102, 33288), (106, 33300), (112, 33318), (117, 33333), (130, 33366), (140, 33393), (156, 33438), (188, 33519), (197, 33546), (212, 33564), (219, 33582), (234, 33624), (237, 33648), (251, 33723), (254, 33753), (266, 33813), (268, 33825), (270, 33843), (292, 33945), (319, 34050), (321, 34056), (324, 34074), (340, 34161),

Gene: DelRivs_32 Start: 32089, Stop: 33249, Start Num: 28

Candidate Starts for DelRivs_32:

(Start: 28 @32089 has 361 MA's), (Start: 52 @32200 has 1 MA's), (62, 32245), (89, 32344), (105, 32404), (117, 32440), (127, 32464), (143, 32509), (145, 32515), (164, 32566), (180, 32605), (181, 32608), (186, 32620), (226, 32659), (235, 32692), (249, 32773), (258, 32818), (266, 32866), (272, 32902), (275, 32911), (278, 32917), (331, 33142),

Gene: Derpp_32 Start: 31933, Stop: 33093, Start Num: 28

Candidate Starts for Derpp_32:

(Start: 28 @31933 has 361 MA's), (Start: 52 @32044 has 1 MA's), (62, 32089), (89, 32188), (105, 32248), (117, 32284), (127, 32308), (143, 32353), (145, 32359), (164, 32410), (180, 32449), (181, 32452), (186, 32464), (192, 32479), (226, 32503), (235, 32536), (249, 32617), (258, 32662), (266, 32710), (272, 32746), (275, 32755), (278, 32761), (331, 32986),

Gene: Devonte_33 Start: 32210, Stop: 33412, Start Num: 28

Candidate Starts for Devonte_33:

(Start: 28 @32210 has 361 MA's), (35, 32243), (68, 32387), (70, 32396), (73, 32405), (83, 32444), (87, 32453), (93, 32471), (97, 32489), (101, 32507), (102, 32513), (106, 32525), (112, 32543), (117, 32558), (130, 32591), (140, 32618), (156, 32663), (188, 32744), (197, 32771), (212, 32789), (219, 32807), (234, 32849), (237, 32873), (251, 32948), (254, 32978), (266, 33038), (268, 33050), (270, 33068), (292, 33170), (319, 33275), (321, 33281), (324, 33299), (340, 33386),

Gene: Dice_32 Start: 32068, Stop: 33228, Start Num: 28

Candidate Starts for Dice_32:

(Start: 28 @32068 has 361 MA's), (Start: 52 @32179 has 1 MA's), (62, 32224), (89, 32323), (105, 32383), (117, 32419), (127, 32443), (143, 32488), (145, 32494), (164, 32545), (180, 32584), (181, 32587), (186, 32599), (192, 32614), (226, 32638), (235, 32671), (249, 32752), (258, 32797), (266, 32845), (272, 32881), (275, 32890), (278, 32896), (331, 33121),

Gene: Diminimus_32 Start: 26991, Stop: 28046, Start Num: 43

Candidate Starts for Diminimus_32:

(Start: 43 @26991 has 46 MA's), (96, 27204), (108, 27240), (136, 27303), (168, 27375), (203, 27405), (210, 27426), (233, 27462), (239, 27498), (247, 27546), (249, 27567), (251, 27573), (255, 27603),

(256, 27606), (264, 27654), (312, 27864), (325, 27918),

Gene: Dingo_33 Start: 32351, Stop: 33511, Start Num: 28

Candidate Starts for Dingo_33:

(Start: 28 @32351 has 361 MA's), (Start: 52 @32462 has 1 MA's), (62, 32507), (89, 32606), (105, 32666), (117, 32702), (127, 32726), (143, 32771), (145, 32777), (164, 32828), (180, 32867), (181, 32870), (186, 32882), (192, 32897), (226, 32921), (235, 32954), (249, 33035), (258, 33080), (266, 33128), (272, 33164), (275, 33173), (278, 33179), (331, 33404),

Gene: Dione_32 Start: 32073, Stop: 33233, Start Num: 28

Candidate Starts for Dione_32:

(Start: 28 @32073 has 361 MA's), (Start: 52 @32184 has 1 MA's), (62, 32229), (89, 32328), (105, 32388), (117, 32424), (127, 32448), (143, 32493), (145, 32499), (164, 32550), (180, 32589), (181, 32592), (186, 32604), (192, 32619), (226, 32643), (235, 32676), (249, 32757), (258, 32802), (266, 32850), (272, 32886), (275, 32895), (278, 32901), (331, 33126),

Gene: DirkDirk_21 Start: 21671, Stop: 22843, Start Num: 30

Candidate Starts for DirkDirk_21:

(Start: 27 @21668 has 5 MA's), (Start: 30 @21671 has 34 MA's), (56, 21797), (66, 21839), (69, 21851), (70, 21854), (79, 21887), (82, 21899), (97, 21947), (101, 21965), (112, 22001), (117, 22016), (138, 22067), (148, 22097), (163, 22139), (175, 22163), (218, 22199), (221, 22205), (230, 22232), (234, 22250), (251, 22343), (252, 22346), (265, 22430), (293, 22568), (298, 22586), (319, 22670),

Gene: DirtJuice_33 Start: 32357, Stop: 33517, Start Num: 28

Candidate Starts for DirtJuice_33:

(Start: 28 @32357 has 361 MA's), (Start: 52 @32468 has 1 MA's), (62, 32513), (89, 32612), (105, 32672), (117, 32708), (127, 32732), (143, 32777), (145, 32783), (164, 32834), (180, 32873), (181, 32876), (186, 32888), (192, 32903), (226, 32927), (235, 32960), (249, 33041), (258, 33086), (266, 33134), (272, 33170), (275, 33179), (278, 33185), (331, 33410),

Gene: Doddsville_33 Start: 32087, Stop: 33247, Start Num: 28

Candidate Starts for Doddsville_33:

(Start: 28 @32087 has 361 MA's), (Start: 52 @32198 has 1 MA's), (62, 32243), (89, 32342), (105, 32402), (117, 32438), (127, 32462), (143, 32507), (145, 32513), (164, 32564), (180, 32603), (181, 32606), (186, 32618), (226, 32657), (235, 32690), (249, 32771), (266, 32864), (272, 32900), (275, 32909), (278, 32915), (331, 33140),

Gene: DoesntMatter_33 Start: 32360, Stop: 33520, Start Num: 28

Candidate Starts for DoesntMatter_33:

(Start: 28 @32360 has 361 MA's), (Start: 52 @32471 has 1 MA's), (62, 32516), (89, 32615), (105, 32675), (117, 32711), (127, 32735), (143, 32780), (145, 32786), (164, 32837), (180, 32876), (181, 32879), (186, 32891), (226, 32930), (235, 32963), (249, 33044), (258, 33089), (266, 33137), (272, 33173), (275, 33182), (278, 33188), (331, 33413),

Gene: DonSanchon_32 Start: 32067, Stop: 33227, Start Num: 28

Candidate Starts for DonSanchon_32:

(Start: 28 @32067 has 361 MA's), (Start: 52 @32178 has 1 MA's), (62, 32223), (89, 32322), (105, 32382), (117, 32418), (127, 32442), (143, 32487), (145, 32493), (164, 32544), (180, 32583), (181, 32586), (186, 32598), (226, 32637), (235, 32670), (249, 32751), (258, 32796), (266, 32844), (272, 32880), (275, 32889), (278, 32895), (331, 33120),

Gene: Dori_29 Start: 28828, Stop: 29994, Start Num: 23

Candidate Starts for Dori_29:

(Start: 23 @28828 has 11 MA's), (Start: 28 @28834 has 361 MA's), (31, 28846), (34, 28870), (36, 28873), (Start: 41 @28903 has 4 MA's), (Start: 52 @28948 has 1 MA's), (62, 28993), (63, 28996), (117, 29188), (127, 29212), (129, 29218), (141, 29251), (143, 29257), (145, 29263), (146, 29266), (164, 29314), (189, 29377), (190, 29380), (228, 29413), (245, 29488), (249, 29518), (270, 29641), (273, 29650), (275, 29656),

Gene: Douzhi_21 Start: 21427, Stop: 22581, Start Num: 30

Candidate Starts for Douzhi_21:

(Start: 30 @21427 has 34 MA's), (51, 21529), (54, 21541), (70, 21610), (97, 21703), (112, 21757), (125, 21787), (127, 21796), (141, 21835), (158, 21883), (170, 21907), (174, 21919), (214, 21943), (239, 22033), (261, 22150), (264, 22186), (266, 22195), (279, 22252), (284, 22291),

Gene: DuchessDung_31 Start: 31224, Stop: 32384, Start Num: 28

Candidate Starts for DuchessDung_31:

(Start: 28 @31224 has 361 MA's), (Start: 52 @31335 has 1 MA's), (62, 31380), (89, 31479), (105, 31539), (117, 31575), (127, 31599), (143, 31644), (145, 31650), (164, 31701), (180, 31740), (181, 31743), (186, 31755), (226, 31794), (235, 31827), (249, 31908), (266, 32001), (272, 32037), (275, 32046), (278, 32052), (331, 32277),

Gene: Duggie_32 Start: 32089, Stop: 33249, Start Num: 28

Candidate Starts for Duggie_32:

(Start: 28 @32089 has 361 MA's), (Start: 52 @32200 has 1 MA's), (62, 32245), (89, 32344), (105, 32404), (117, 32440), (127, 32464), (143, 32509), (145, 32515), (164, 32566), (180, 32605), (181, 32608), (186, 32620), (192, 32635), (226, 32659), (235, 32692), (249, 32773), (258, 32818), (266, 32866), (272, 32902), (275, 32911), (278, 32917), (331, 33142),

Gene: Dulcita_32 Start: 26991, Stop: 28046, Start Num: 43

Candidate Starts for Dulcita_32:

(Start: 43 @26991 has 46 MA's), (96, 27204), (108, 27240), (136, 27303), (168, 27375), (203, 27405), (210, 27426), (233, 27462), (239, 27498), (247, 27546), (249, 27567), (251, 27573), (255, 27603), (256, 27606), (264, 27654), (312, 27864), (325, 27918),

Gene: DuncansLeg_22 Start: 22232, Stop: 23449, Start Num: 30

Candidate Starts for DuncansLeg_22:

(Start: 30 @22232 has 34 MA's), (32, 22259), (51, 22334), (54, 22346), (58, 22364), (69, 22412), (79, 22448), (83, 22463), (85, 22469), (94, 22499), (95, 22502), (97, 22508), (109, 22550), (121, 22586), (127, 22601), (128, 22604), (129, 22607), (130, 22610), (170, 22712), (174, 22724), (196, 22781), (204, 22784), (214, 22808), (234, 22868), (254, 22997), (335, 23375), (337, 23381),

Gene: Durga_33 Start: 32387, Stop: 33547, Start Num: 28

Candidate Starts for Durga_33:

(Start: 28 @32387 has 361 MA's), (Start: 52 @32498 has 1 MA's), (62, 32543), (89, 32642), (105, 32702), (117, 32738), (127, 32762), (143, 32807), (145, 32813), (164, 32864), (180, 32903), (181, 32906), (186, 32918), (192, 32933), (226, 32957), (235, 32990), (249, 33071), (258, 33116), (266, 33164), (272, 33200), (275, 33209), (278, 33215), (331, 33440),

Gene: Eaglehorse_33 Start: 32724, Stop: 33887, Start Num: 28

Candidate Starts for Eaglehorse_33:

(11, 32577), (Start: 23 @32718 has 11 MA's), (Start: 28 @32724 has 361 MA's), (36, 32763), (Start: 41 @32793 has 4 MA's), (Start: 52 @32838 has 1 MA's), (62, 32883), (89, 32982), (105, 33042), (117, 33078), (127, 33102), (143, 33147), (145, 33153), (164, 33204), (180, 33243), (181, 33246), (186, 33258), (192, 33273), (226, 33297), (235, 33330), (249, 33411), (258, 33456), (266, 33504), (272, 33540), (275, 33549), (278, 33555), (331, 33780),

Gene: Ellson_22 Start: 22237, Stop: 23436, Start Num: 30

Candidate Starts for Ellson_22:

(Start: 30 @22237 has 34 MA's), (51, 22339), (58, 22369), (61, 22378), (69, 22417), (73, 22429), (83, 22468), (94, 22504), (97, 22513), (106, 22549), (125, 22597), (174, 22729), (177, 22735), (234, 22873), (254, 23002), (265, 23056), (268, 23074), (311, 23266), (336, 23374),

Gene: Emiris_33 Start: 32358, Stop: 33518, Start Num: 28

Candidate Starts for Emiris_33:

(Start: 28 @32358 has 361 MA's), (Start: 52 @32469 has 1 MA's), (62, 32514), (89, 32613), (105, 32673), (117, 32709), (127, 32733), (143, 32778), (145, 32784), (164, 32835), (180, 32874), (181, 32877), (186, 32889), (192, 32904), (226, 32928), (235, 32961), (249, 33042), (258, 33087), (266, 33135), (272, 33171), (275, 33180), (278, 33186), (331, 33411),

Gene: EmpTee_33 Start: 32367, Stop: 33527, Start Num: 28

Candidate Starts for EmpTee_33:

(Start: 28 @32367 has 361 MA's), (Start: 52 @32478 has 1 MA's), (62, 32523), (89, 32622), (105, 32682), (117, 32718), (127, 32742), (143, 32787), (145, 32793), (164, 32844), (180, 32883), (181, 32886), (186, 32898), (226, 32937), (235, 32970), (249, 33051), (258, 33096), (266, 33144), (272, 33180), (275, 33189), (278, 33195), (331, 33420),

Gene: Enceladus_21 Start: 21672, Stop: 22844, Start Num: 30

Candidate Starts for Enceladus_21:

(Start: 27 @21669 has 5 MA's), (Start: 30 @21672 has 34 MA's), (56, 21798), (66, 21840), (69, 21852), (70, 21855), (79, 21888), (82, 21900), (97, 21948), (101, 21966), (112, 22002), (117, 22017), (138, 22068), (148, 22098), (163, 22140), (175, 22164), (218, 22200), (221, 22206), (230, 22233), (234, 22251), (251, 22344), (252, 22347), (265, 22431), (293, 22569), (298, 22587), (319, 22671),

Gene: Epah_29 Start: 31578, Stop: 32735, Start Num: 28

Candidate Starts for Epah_29:

(Start: 28 @31578 has 361 MA's), (49, 31671), (Start: 52 @31686 has 1 MA's), (55, 31701), (58, 31713), (62, 31731), (86, 31821), (100, 31872), (102, 31881), (104, 31887), (109, 31899), (117, 31926), (125, 31941), (126, 31947), (127, 31953), (140, 31986), (143, 31995), (155, 32028), (168, 32061), (233, 32151), (234, 32157), (250, 32256), (251, 32259), (278, 32403), (310, 32556),

Gene: Eponine_29 Start: 24914, Stop: 25987, Start Num: 41

Candidate Starts for Eponine_29:

(Start: 41 @24914 has 4 MA's), (Start: 43 @24917 has 46 MA's), (103, 25157), (116, 25193), (120, 25202), (124, 25208), (140, 25253), (161, 25298), (169, 25316), (203, 25343), (237, 25424), (247, 25481), (250, 25505),

Gene: Eremos_33 Start: 32366, Stop: 33526, Start Num: 28

Candidate Starts for Eremos_33:

(Start: 28 @32366 has 361 MA's), (62, 32522), (89, 32621), (105, 32681), (117, 32717), (127, 32741), (143, 32786), (145, 32792), (164, 32843), (180, 32882), (181, 32885), (186, 32897), (226, 32936), (235, 32969), (249, 33050), (258, 33095), (266, 33143), (272, 33179), (275, 33188), (278, 33194), (331, 33419),

Gene: Etaye_33 Start: 32357, Stop: 33517, Start Num: 28

Candidate Starts for Etaye_33:

(Start: 28 @32357 has 361 MA's), (Start: 52 @32468 has 1 MA's), (62, 32513), (89, 32612), (105, 32672), (117, 32708), (127, 32732), (143, 32777), (145, 32783), (164, 32834), (180, 32873), (181, 32876), (186, 32888), (192, 32903), (226, 32927), (235, 32960), (249, 33041), (258, 33086), (266,

33134), (272, 33170), (275, 33179), (278, 33185), (331, 33410),

Gene: Eugenia_33 Start: 32376, Stop: 33536, Start Num: 28

Candidate Starts for Eugenia_33:

(Start: 28 @32376 has 361 MA's), (Start: 52 @32487 has 1 MA's), (62, 32532), (89, 32631), (105, 32691), (117, 32727), (127, 32751), (143, 32796), (145, 32802), (164, 32853), (180, 32892), (181, 32895), (186, 32907), (192, 32922), (226, 32946), (235, 32979), (249, 33060), (258, 33105), (266, 33153), (272, 33189), (275, 33198), (278, 33204), (331, 33429),

Gene: EvilGenius_34 Start: 25671, Stop: 26591, Start Num: 30

Candidate Starts for EvilGenius_34:

(Start: 30 @25671 has 34 MA's), (53, 25779), (77, 25881), (83, 25902), (101, 25965), (147, 26097), (247, 26379), (275, 26529), (286, 26586),

Gene: Fanaw_29 Start: 32276, Stop: 33433, Start Num: 28

Candidate Starts for Fanaw_29:

(Start: 28 @32276 has 361 MA's), (49, 32369), (Start: 52 @32384 has 1 MA's), (55, 32399), (58, 32411), (62, 32429), (73, 32471), (100, 32570), (102, 32579), (109, 32597), (117, 32624), (125, 32639), (126, 32645), (127, 32651), (129, 32657), (140, 32684), (143, 32693), (155, 32726), (168, 32759), (233, 32849), (234, 32855), (242, 32900), (250, 32954), (251, 32957), (278, 33101), (310, 33254),

Gene: Fang_33 Start: 32380, Stop: 33540, Start Num: 28

Candidate Starts for Fang_33:

(Start: 28 @32380 has 361 MA's), (Start: 52 @32491 has 1 MA's), (62, 32536), (89, 32635), (105, 32695), (117, 32731), (127, 32755), (143, 32800), (145, 32806), (164, 32857), (180, 32896), (181, 32899), (186, 32911), (192, 32926), (226, 32950), (235, 32983), (249, 33064), (258, 33109), (266, 33157), (272, 33193), (275, 33202), (278, 33208), (331, 33433),

Gene: Farewell_21 Start: 21884, Stop: 22930, Start Num: 43

Candidate Starts for Farewell_21:

(Start: 43 @21884 has 46 MA's), (90, 22076), (96, 22097), (140, 22208), (161, 22250), (163, 22253), (249, 22454), (255, 22490), (277, 22598), (312, 22751), (314, 22760), (318, 22772),

Gene: Faze9_33 Start: 32820, Stop: 33983, Start Num: 28

Candidate Starts for Faze9_33:

(Start: 23 @32814 has 11 MA's), (Start: 28 @32820 has 361 MA's), (36, 32859), (Start: 41 @32889 has 4 MA's), (Start: 52 @32934 has 1 MA's), (62, 32979), (89, 33078), (105, 33138), (117, 33174), (127, 33198), (143, 33243), (145, 33249), (164, 33300), (180, 33339), (181, 33342), (186, 33354), (192, 33369), (226, 33393), (235, 33426), (249, 33507), (258, 33552), (266, 33600), (272, 33636), (275, 33645), (278, 33651), (331, 33876),

Gene: Finnry_22 Start: 22251, Stop: 23468, Start Num: 30

Candidate Starts for Finnry_22:

(Start: 30 @22251 has 34 MA's), (51, 22353), (54, 22365), (58, 22383), (61, 22392), (69, 22431), (79, 22467), (83, 22482), (85, 22488), (94, 22518), (95, 22521), (104, 22557), (109, 22569), (127, 22620), (128, 22623), (150, 22683), (159, 22710), (165, 22725), (170, 22731), (174, 22743), (204, 22803), (214, 22827), (234, 22887), (250, 22983), (254, 23016), (268, 23088), (272, 23112), (278, 23127), (327, 23340), (329, 23352),

Gene: FluffyNinja_33 Start: 32373, Stop: 33533, Start Num: 28

Candidate Starts for FluffyNinja_33:

(Start: 28 @32373 has 361 MA's), (Start: 52 @32484 has 1 MA's), (62, 32529), (89, 32628), (105, 32688), (117, 32724), (127, 32748), (143, 32793), (145, 32799), (164, 32850), (180, 32889), (181, 32892), (186, 32904), (192, 32919), (226, 32943), (235, 32976), (249, 33057), (258, 33102), (266, 33150), (272, 33186), (275, 33195), (278, 33201), (331, 33426),

Gene: Fortunato_30 Start: 32604, Stop: 33761, Start Num: 28

Candidate Starts for Fortunato_30:

(Start: 28 @32604 has 361 MA's), (49, 32697), (Start: 52 @32712 has 1 MA's), (55, 32727), (58, 32739), (62, 32757), (73, 32799), (100, 32898), (102, 32907), (109, 32925), (117, 32952), (125, 32967), (126, 32973), (127, 32979), (129, 32985), (140, 33012), (143, 33021), (155, 33054), (168, 33087), (233, 33177), (234, 33183), (245, 33249), (249, 33279), (250, 33282), (278, 33429), (310, 33582),

Gene: Fozzie_32 Start: 32389, Stop: 33549, Start Num: 28

Candidate Starts for Fozzie_32:

(Start: 28 @32389 has 361 MA's), (Start: 52 @32500 has 1 MA's), (62, 32545), (89, 32644), (105, 32704), (117, 32740), (127, 32764), (143, 32809), (145, 32815), (164, 32866), (180, 32905), (181, 32908), (186, 32920), (192, 32935), (226, 32959), (235, 32992), (249, 33073), (258, 33118), (266, 33166), (272, 33202), (275, 33211), (278, 33217), (331, 33442),

Gene: Frankicide_33 Start: 32385, Stop: 33545, Start Num: 28

Candidate Starts for Frankicide_33:

(Start: 28 @32385 has 361 MA's), (Start: 52 @32496 has 1 MA's), (62, 32541), (89, 32640), (105, 32700), (117, 32736), (127, 32760), (143, 32805), (145, 32811), (164, 32862), (180, 32901), (181, 32904), (186, 32916), (192, 32931), (226, 32955), (235, 32988), (249, 33069), (258, 33114), (266, 33162), (272, 33198), (275, 33207), (278, 33213), (331, 33438),

Gene: Frederick_30 Start: 32610, Stop: 33767, Start Num: 28

Candidate Starts for Frederick_30:

(Start: 28 @32610 has 361 MA's), (49, 32703), (Start: 52 @32718 has 1 MA's), (55, 32733), (58, 32745), (62, 32763), (73, 32805), (86, 32853), (100, 32904), (102, 32913), (109, 32931), (117, 32958), (125, 32973), (126, 32979), (127, 32985), (129, 32991), (140, 33018), (143, 33027), (155, 33060), (168, 33093), (192, 33153), (233, 33183), (234, 33189), (242, 33234), (250, 33288), (251, 33291), (278, 33435), (310, 33588),

Gene: FrenchFry_33 Start: 32814, Stop: 33977, Start Num: 28

Candidate Starts for FrenchFry_33:

(11, 32667), (Start: 23 @32808 has 11 MA's), (Start: 28 @32814 has 361 MA's), (36, 32853), (Start: 41 @32883 has 4 MA's), (Start: 52 @32928 has 1 MA's), (62, 32973), (89, 33072), (105, 33132), (117, 33168), (127, 33192), (143, 33237), (145, 33243), (164, 33294), (180, 33333), (181, 33336), (186, 33348), (192, 33363), (226, 33387), (235, 33420), (249, 33501), (266, 33594), (272, 33630), (275, 33639), (278, 33645), (289, 33705), (331, 33870),

Gene: Freya_32 Start: 32064, Stop: 33224, Start Num: 28

Candidate Starts for Freya_32:

(Start: 28 @32064 has 361 MA's), (Start: 52 @32175 has 1 MA's), (62, 32220), (89, 32319), (105, 32379), (117, 32415), (127, 32439), (143, 32484), (145, 32490), (164, 32541), (180, 32580), (181, 32583), (186, 32595), (192, 32610), (226, 32634), (235, 32667), (249, 32748), (258, 32793), (266, 32841), (272, 32877), (275, 32886), (278, 32892), (331, 33117),

Gene: FriarPreacher_33 Start: 32391, Stop: 33551, Start Num: 28

Candidate Starts for FriarPreacher_33:

(Start: 28 @32391 has 361 MA's), (Start: 52 @32502 has 1 MA's), (62, 32547), (89, 32646), (105, 32706), (117, 32742), (127, 32766), (143, 32811), (145, 32817), (164, 32868), (180, 32907), (181, 32910), (186, 32922), (192, 32937), (226, 32961), (235, 32994), (249, 33075), (258, 33120), (266, 33168), (272, 33204), (275, 33213), (278, 33219), (331, 33444),

Gene: Fringe_33 Start: 32356, Stop: 33516, Start Num: 28

Candidate Starts for Fringe_33:

(Start: 28 @32356 has 361 MA's), (Start: 52 @32467 has 1 MA's), (62, 32512), (89, 32611), (105, 32671), (117, 32707), (127, 32731), (143, 32776), (145, 32782), (164, 32833), (180, 32872), (181, 32875), (186, 32887), (226, 32926), (235, 32959), (249, 33040), (258, 33085), (266, 33133), (272, 33169), (275, 33178), (278, 33184), (331, 33409),

Gene: FugateOSU_32 Start: 32069, Stop: 33229, Start Num: 28

Candidate Starts for FugateOSU_32:

(Start: 28 @32069 has 361 MA's), (Start: 52 @32180 has 1 MA's), (62, 32225), (89, 32324), (105, 32384), (117, 32420), (127, 32444), (143, 32489), (145, 32495), (164, 32546), (180, 32585), (181, 32588), (186, 32600), (192, 32615), (226, 32639), (235, 32672), (249, 32753), (258, 32798), (266, 32846), (272, 32882), (275, 32891), (278, 32897), (331, 33122),

Gene: Fulbright_21 Start: 20200, Stop: 21357, Start Num: 42

Candidate Starts for Fulbright_21:

(Start: 42 @20200 has 3 MA's), (60, 20281), (65, 20308), (Start: 71 @20329 has 1 MA's), (88, 20389), (95, 20413), (97, 20419), (101, 20437), (103, 20449), (108, 20461), (111, 20473), (123, 20509), (131, 20533), (138, 20548), (140, 20557), (149, 20581), (154, 20596), (158, 20611), (203, 20695), (204, 20698), (213, 20719), (222, 20740), (224, 20749), (230, 20761), (232, 20770), (278, 21031), (287, 21100), (341, 21334),

Gene: Funsized_35 Start: 35123, Stop: 36316, Start Num: 28

Candidate Starts for Funsized_35:

(8, 34694), (16, 35066), (20, 35099), (Start: 28 @35123 has 361 MA's), (61, 35279), (72, 35327), (79, 35354), (83, 35369), (85, 35375), (101, 35432), (117, 35483), (118, 35486), (121, 35492), (127, 35507), (140, 35543), (143, 35552), (180, 35648), (189, 35672), (190, 35675), (250, 35804), (263, 35891), (274, 35945), (341, 36290), (342, 36296),

Gene: Gadget_34 Start: 32229, Stop: 33431, Start Num: 28

Candidate Starts for Gadget_34:

(Start: 28 @32229 has 361 MA's), (35, 32262), (68, 32406), (70, 32415), (73, 32424), (83, 32463), (87, 32472), (93, 32490), (97, 32508), (101, 32526), (102, 32532), (106, 32544), (112, 32562), (117, 32577), (130, 32610), (140, 32637), (156, 32682), (188, 32763), (197, 32790), (212, 32808), (219, 32826), (234, 32868), (254, 32997), (270, 33087), (292, 33189), (304, 33246), (307, 33255), (319, 33294), (332, 33366), (341, 33408),

Gene: Gareth_32 Start: 32072, Stop: 33232, Start Num: 28

Candidate Starts for Gareth_32:

(Start: 28 @32072 has 361 MA's), (Start: 52 @32183 has 1 MA's), (62, 32228), (89, 32327), (105, 32387), (117, 32423), (127, 32447), (143, 32492), (145, 32498), (164, 32549), (180, 32588), (181, 32591), (186, 32603), (192, 32618), (226, 32642), (235, 32675), (249, 32756), (258, 32801), (266, 32849), (272, 32885), (275, 32894), (278, 32900), (331, 33125),

Gene: GeneCoco_33 Start: 32381, Stop: 33541, Start Num: 28

Candidate Starts for GeneCoco_33:

(Start: 28 @32381 has 361 MA's), (Start: 52 @32492 has 1 MA's), (62, 32537), (89, 32636), (105, 32696), (117, 32732), (127, 32756), (143, 32801), (145, 32807), (164, 32858), (180, 32897), (181,

32900), (186, 32912), (192, 32927), (226, 32951), (235, 32984), (249, 33065), (258, 33110), (266, 33158), (272, 33194), (275, 33203), (278, 33209), (331, 33434),

Gene: Gervas_33 Start: 32200, Stop: 33402, Start Num: 28

Candidate Starts for Gervas_33:

(Start: 28 @32200 has 361 MA's), (35, 32233), (68, 32377), (70, 32386), (73, 32395), (83, 32434), (87, 32443), (93, 32461), (105, 32512), (109, 32521), (112, 32533), (114, 32539), (117, 32548), (136, 32593), (140, 32608), (156, 32653), (171, 32692), (184, 32722), (189, 32737), (195, 32749), (208, 32773), (225, 32818), (234, 32839), (237, 32863), (251, 32938), (254, 32968), (266, 33028), (268, 33040), (270, 33058), (292, 33160), (319, 33265), (321, 33271), (324, 33289), (340, 33376),

Gene: GinPorsche_29 Start: 31578, Stop: 32735, Start Num: 28

Candidate Starts for GinPorsche_29:

(Start: 28 @31578 has 361 MA's), (49, 31671), (Start: 52 @31686 has 1 MA's), (55, 31701), (58, 31713), (62, 31731), (86, 31821), (100, 31872), (102, 31881), (104, 31887), (109, 31899), (117, 31926), (125, 31941), (126, 31947), (127, 31953), (140, 31986), (143, 31995), (155, 32028), (168, 32061), (233, 32151), (234, 32157), (250, 32256), (251, 32259), (278, 32403), (310, 32556),

Gene: Giraffe_33 Start: 32075, Stop: 33235, Start Num: 28

Candidate Starts for Giraffe_33:

(Start: 28 @32075 has 361 MA's), (Start: 52 @32186 has 1 MA's), (62, 32231), (89, 32330), (105, 32390), (117, 32426), (127, 32450), (143, 32495), (145, 32501), (164, 32552), (180, 32591), (181, 32594), (186, 32606), (192, 32621), (226, 32645), (235, 32678), (249, 32759), (258, 32804), (266, 32852), (272, 32888), (275, 32897), (278, 32903), (331, 33128),

Gene: Glaske16_32 Start: 26991, Stop: 28046, Start Num: 43

Candidate Starts for Glaske16_32:

(Start: 43 @26991 has 46 MA's), (96, 27204), (108, 27240), (136, 27303), (168, 27375), (203, 27405), (210, 27426), (233, 27462), (239, 27498), (247, 27546), (249, 27567), (251, 27573), (255, 27603), (256, 27606), (264, 27654), (312, 27864), (325, 27918),

Gene: Glass_33 Start: 32814, Stop: 33977, Start Num: 28

Candidate Starts for Glass_33:

(Start: 23 @32808 has 11 MA's), (Start: 28 @32814 has 361 MA's), (36, 32853), (Start: 41 @32883 has 4 MA's), (Start: 52 @32928 has 1 MA's), (62, 32973), (89, 33072), (105, 33132), (117, 33168), (127, 33192), (143, 33237), (145, 33243), (164, 33294), (180, 33333), (181, 33336), (186, 33348), (192, 33363), (226, 33387), (235, 33420), (249, 33501), (258, 33546), (266, 33594), (272, 33630), (275, 33639), (278, 33645), (331, 33870),

Gene: GlenHope_34 Start: 32212, Stop: 33414, Start Num: 28

Candidate Starts for GlenHope_34:

(Start: 28 @32212 has 361 MA's), (68, 32389), (70, 32398), (73, 32407), (83, 32446), (87, 32455), (93, 32473), (97, 32491), (101, 32509), (102, 32515), (106, 32527), (112, 32545), (117, 32560), (130, 32593), (140, 32620), (156, 32665), (188, 32746), (197, 32773), (212, 32791), (219, 32809), (234, 32851), (254, 32980), (270, 33070), (292, 33172), (307, 33238), (319, 33277), (332, 33349), (341, 33391),

Gene: GodPhather_26 Start: 30204, Stop: 31373, Start Num: 23

Candidate Starts for GodPhather_26:

(Start: 23 @30204 has 11 MA's), (Start: 28 @30210 has 361 MA's), (36, 30249), (Start: 41 @30279 has 4 MA's), (Start: 52 @30324 has 1 MA's), (62, 30369), (89, 30468), (105, 30528), (117, 30564), (127, 30588), (143, 30633), (145, 30639), (164, 30690), (180, 30729), (181, 30732), (186, 30744), (192, 30759), (226, 30783), (235, 30816), (249, 30897), (258, 30942), (266, 30990), (272, 31026),

(275, 31035), (278, 31041), (331, 31266),

Gene: Godines_33 Start: 32691, Stop: 33896, Start Num: 26

Candidate Starts for Godines_33:

(13, 32547), (Start: 23 @32688 has 11 MA's), (Start: 26 @32691 has 6 MA's), (Start: 41 @32760 has 4 MA's), (58, 32829), (64, 32859), (68, 32871), (69, 32877), (70, 32880), (73, 32889), (83, 32928), (87, 32937), (90, 32949), (105, 33006), (112, 33027), (117, 33042), (136, 33087), (140, 33102), (156, 33147), (184, 33216), (195, 33243), (208, 33267), (225, 33312), (234, 33333), (237, 33357), (251, 33432), (254, 33462), (266, 33522), (268, 33534), (270, 33552), (292, 33654), (321, 33765), (324, 33783), (338, 33834), (340, 33870),

Gene: Gophee_33 Start: 32358, Stop: 33518, Start Num: 28

Candidate Starts for Gophee_33:

(Start: 28 @32358 has 361 MA's), (Start: 52 @32469 has 1 MA's), (62, 32514), (89, 32613), (105, 32673), (117, 32709), (127, 32733), (143, 32778), (145, 32784), (164, 32835), (180, 32874), (181, 32877), (186, 32889), (226, 32928), (235, 32961), (249, 33042), (258, 33087), (266, 33135), (272, 33171), (275, 33180), (278, 33186), (331, 33411),

Gene: Grand2040_32 Start: 32090, Stop: 33250, Start Num: 28

Candidate Starts for Grand2040_32:

(Start: 28 @32090 has 361 MA's), (Start: 52 @32201 has 1 MA's), (62, 32246), (89, 32345), (105, 32405), (117, 32441), (127, 32465), (143, 32510), (145, 32516), (164, 32567), (180, 32606), (181, 32609), (186, 32621), (192, 32636), (226, 32660), (235, 32693), (249, 32774), (258, 32819), (266, 32867), (272, 32903), (275, 32912), (278, 32918), (331, 33143),

Gene: GreaseLightnin_22 Start: 21355, Stop: 22509, Start Num: 43

Candidate Starts for GreaseLightnin_22:

(12, 21118), (14, 21160), (15, 21190), (17, 21220), (18, 21229), (29, 21280), (39, 21334), (Start: 43 @21355 has 46 MA's), (60, 21436), (Start: 71 @21484 has 1 MA's), (88, 21544), (91, 21553), (95, 21568), (101, 21592), (108, 21616), (111, 21628), (138, 21703), (140, 21712), (149, 21736), (158, 21766), (203, 21850), (204, 21853), (213, 21874), (249, 22033), (264, 22123), (266, 22132), (270, 22162), (278, 22183), (341, 22486),

Gene: Gwilliam_33 Start: 32370, Stop: 33530, Start Num: 28

Candidate Starts for Gwilliam_33:

(Start: 28 @32370 has 361 MA's), (Start: 52 @32481 has 1 MA's), (62, 32526), (89, 32625), (105, 32685), (117, 32721), (127, 32745), (143, 32790), (145, 32796), (164, 32847), (180, 32886), (181, 32889), (186, 32901), (192, 32916), (226, 32940), (235, 32973), (249, 33054), (258, 33099), (266, 33147), (272, 33183), (275, 33192), (278, 33198), (331, 33423),

Gene: Gyarad_0033 Start: 32372, Stop: 33532, Start Num: 28

Candidate Starts for Gyarad_0033:

(Start: 28 @32372 has 361 MA's), (Start: 52 @32483 has 1 MA's), (62, 32528), (89, 32627), (105, 32687), (117, 32723), (127, 32747), (143, 32792), (145, 32798), (164, 32849), (180, 32888), (181, 32891), (186, 32903), (192, 32918), (226, 32942), (235, 32975), (249, 33056), (258, 33101), (266, 33149), (272, 33185), (275, 33194), (278, 33200), (331, 33425),

Gene: HSavage_33 Start: 32376, Stop: 33536, Start Num: 28

Candidate Starts for HSavage_33:

(Start: 28 @32376 has 361 MA's), (Start: 52 @32487 has 1 MA's), (62, 32532), (89, 32631), (105, 32691), (117, 32727), (127, 32751), (143, 32796), (145, 32802), (164, 32853), (180, 32892), (181, 32895), (186, 32907), (192, 32922), (226, 32946), (235, 32979), (249, 33060), (258, 33105), (266, 33153), (272, 33189), (275, 33198), (278, 33204), (331, 33429),

Gene: Haimas_33 Start: 32367, Stop: 33527, Start Num: 28

Candidate Starts for Haimas_33:

(Start: 28 @32367 has 361 MA's), (Start: 52 @32478 has 1 MA's), (62, 32523), (89, 32622), (105, 32682), (117, 32718), (127, 32742), (143, 32787), (145, 32793), (164, 32844), (180, 32883), (181, 32886), (186, 32898), (192, 32913), (226, 32937), (235, 32970), (249, 33051), (258, 33096), (266, 33144), (272, 33180), (275, 33189), (278, 33195), (331, 33420),

Gene: Haleema_32 Start: 32090, Stop: 33250, Start Num: 28

Candidate Starts for Haleema_32:

(Start: 28 @32090 has 361 MA's), (Start: 52 @32201 has 1 MA's), (62, 32246), (89, 32345), (105, 32405), (117, 32441), (127, 32465), (143, 32510), (145, 32516), (164, 32567), (180, 32606), (181, 32609), (186, 32621), (192, 32636), (226, 32660), (235, 32693), (249, 32774), (258, 32819), (266, 32867), (272, 32903), (275, 32912), (278, 32918), (331, 33143),

Gene: Halena_21 Start: 21699, Stop: 22871, Start Num: 30

Candidate Starts for Halena_21:

(Start: 27 @21696 has 5 MA's), (Start: 30 @21699 has 34 MA's), (56, 21825), (66, 21867), (69, 21879), (70, 21882), (79, 21915), (82, 21927), (97, 21975), (101, 21993), (112, 22029), (117, 22044), (138, 22095), (148, 22125), (163, 22167), (175, 22191), (218, 22227), (221, 22233), (230, 22260), (234, 22278), (251, 22371), (252, 22374), (265, 22458), (293, 22596), (298, 22614), (319, 22698),

Gene: Halfpint_32 Start: 32038, Stop: 33240, Start Num: 28

Candidate Starts for Halfpint_32:

(Start: 28 @32038 has 361 MA's), (68, 32215), (70, 32224), (73, 32233), (83, 32272), (87, 32281), (93, 32299), (97, 32317), (101, 32335), (102, 32341), (106, 32353), (112, 32371), (117, 32386), (140, 32446), (156, 32491), (188, 32572), (197, 32599), (212, 32617), (219, 32635), (234, 32677), (254, 32806), (270, 32896), (292, 32998), (304, 33055), (307, 33064), (319, 33103), (332, 33175), (341, 33217),

Gene: Hally898_29 Start: 31590, Stop: 32747, Start Num: 28

Candidate Starts for Hally898_29:

(Start: 28 @31590 has 361 MA's), (49, 31683), (Start: 52 @31698 has 1 MA's), (55, 31713), (58, 31725), (62, 31743), (86, 31833), (100, 31884), (102, 31893), (104, 31899), (109, 31911), (117, 31938), (125, 31953), (126, 31959), (127, 31965), (140, 31998), (143, 32007), (155, 32040), (168, 32073), (233, 32163), (234, 32169), (250, 32268), (251, 32271), (278, 32415), (310, 32568),

Gene: Hamish_33 Start: 32359, Stop: 33519, Start Num: 28

Candidate Starts for Hamish_33:

(Start: 28 @32359 has 361 MA's), (Start: 52 @32470 has 1 MA's), (62, 32515), (89, 32614), (105, 32674), (117, 32710), (127, 32734), (143, 32779), (145, 32785), (164, 32836), (180, 32875), (181, 32878), (186, 32890), (192, 32905), (226, 32929), (235, 32962), (249, 33043), (258, 33088), (266, 33136), (272, 33172), (275, 33181), (278, 33187), (331, 33412),

Gene: Hanako_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for Hanako_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (55, 19940), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (176, 20333), (178, 20336), (180, 20342), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Hangman_30 Start: 32602, Stop: 33759, Start Num: 28

Candidate Starts for Hangman_30:

(Start: 28 @32602 has 361 MA's), (49, 32695), (Start: 52 @32710 has 1 MA's), (55, 32725), (58, 32737), (62, 32755), (73, 32797), (100, 32896), (102, 32905), (109, 32923), (125, 32965), (126, 32971), (127, 32977), (129, 32983), (140, 33010), (143, 33019), (155, 33052), (168, 33085), (192, 33145), (233, 33175), (234, 33181), (236, 33202), (242, 33226), (250, 33280), (251, 33283), (278, 33427),

Gene: Hartsy_33 Start: 32410, Stop: 33570, Start Num: 28

Candidate Starts for Hartsy_33:

(Start: 28 @32410 has 361 MA's), (Start: 52 @32521 has 1 MA's), (62, 32566), (89, 32665), (105, 32725), (117, 32761), (127, 32785), (143, 32830), (145, 32836), (164, 32887), (180, 32926), (181, 32929), (186, 32941), (226, 32980), (235, 33013), (249, 33094), (266, 33187), (272, 33223), (275, 33232), (278, 33238), (331, 33463),

Gene: Harvey_33 Start: 32385, Stop: 33545, Start Num: 28

Candidate Starts for Harvey_33:

(Start: 28 @32385 has 361 MA's), (Start: 52 @32496 has 1 MA's), (62, 32541), (89, 32640), (105, 32700), (117, 32736), (127, 32760), (143, 32805), (145, 32811), (164, 32862), (180, 32901), (181, 32904), (186, 32916), (226, 32955), (235, 32988), (249, 33069), (258, 33114), (266, 33162), (272, 33198), (275, 33207), (278, 33213), (331, 33438),

Gene: HarveySr_33 Start: 32202, Stop: 33404, Start Num: 28

Candidate Starts for HarveySr_33:

(Start: 28 @32202 has 361 MA's), (35, 32235), (68, 32379), (70, 32388), (73, 32397), (83, 32436), (87, 32445), (93, 32463), (97, 32481), (101, 32499), (102, 32505), (106, 32517), (112, 32535), (117, 32550), (130, 32583), (140, 32610), (156, 32655), (188, 32736), (197, 32763), (212, 32781), (219, 32799), (234, 32841), (254, 32970), (270, 33060), (292, 33162), (304, 33219), (307, 33228), (319, 33267), (332, 33339), (341, 33381),

Gene: Hashim76_35 Start: 31239, Stop: 32393, Start Num: 24

Candidate Starts for Hashim76_35:

(Start: 24 @31239 has 8 MA's), (Start: 52 @31356 has 1 MA's), (65, 31416), (Start: 71 @31437 has 1 MA's), (74, 31446), (83, 31485), (87, 31494), (100, 31545), (119, 31605), (130, 31632), (146, 31674), (156, 31704), (175, 31752), (237, 31854), (240, 31866), (250, 31941), (267, 32037), (271, 32067), (278, 32085), (282, 32121), (312, 32223),

Gene: Heath_29 Start: 32206, Stop: 33363, Start Num: 28

Candidate Starts for Heath_29:

(Start: 28 @32206 has 361 MA's), (49, 32299), (Start: 52 @32314 has 1 MA's), (55, 32329), (58, 32341), (62, 32359), (73, 32401), (100, 32500), (102, 32509), (109, 32527), (117, 32554), (125, 32569), (126, 32575), (127, 32581), (129, 32587), (140, 32614), (143, 32623), (155, 32656), (168, 32689), (175, 32707), (192, 32749), (233, 32779), (234, 32785), (236, 32806), (250, 32884), (251, 32887), (260, 32932), (278, 33031), (310, 33184),

Gene: Heathcliff_33 Start: 32184, Stop: 33386, Start Num: 28

Candidate Starts for Heathcliff_33:

(Start: 28 @32184 has 361 MA's), (35, 32217), (68, 32361), (70, 32370), (73, 32379), (83, 32418), (87, 32427), (93, 32445), (97, 32463), (101, 32481), (102, 32487), (106, 32499), (112, 32517), (117, 32532), (130, 32565), (140, 32592), (156, 32637), (188, 32718), (197, 32745), (212, 32763), (219, 32781), (234, 32823), (237, 32847), (251, 32922), (254, 32952), (266, 33012), (268, 33024), (270, 33042), (292, 33144), (319, 33249), (321, 33255), (324, 33273), (340, 33360),

Gene: Hedgerow_33 Start: 32796, Stop: 33959, Start Num: 28

Candidate Starts for Hedgerow_33:

(11, 32649), (Start: 23 @32790 has 11 MA's), (Start: 28 @32796 has 361 MA's), (36, 32835), (Start: 41 @32865 has 4 MA's), (Start: 52 @32910 has 1 MA's), (62, 32955), (89, 33054), (105, 33114), (117, 33150), (127, 33174), (143, 33219), (145, 33225), (164, 33276), (180, 33315), (181, 33318), (186, 33330), (192, 33345), (226, 33369), (235, 33402), (249, 33483), (266, 33576), (272, 33612), (275, 33621), (278, 33627), (289, 33687), (331, 33852),

Gene: Held_33 Start: 32074, Stop: 33234, Start Num: 28

Candidate Starts for Held_33:

(Start: 28 @32074 has 361 MA's), (Start: 52 @32185 has 1 MA's), (62, 32230), (89, 32329), (105, 32389), (117, 32425), (127, 32449), (143, 32494), (145, 32500), (164, 32551), (180, 32590), (181, 32593), (186, 32605), (192, 32620), (226, 32644), (235, 32677), (249, 32758), (258, 32803), (266, 32851), (272, 32887), (275, 32896), (278, 32902), (331, 33127),

Gene: HenryJackson_32 Start: 32090, Stop: 33250, Start Num: 28

Candidate Starts for HenryJackson_32:

(Start: 28 @32090 has 361 MA's), (Start: 52 @32201 has 1 MA's), (62, 32246), (89, 32345), (105, 32405), (117, 32441), (127, 32465), (143, 32510), (145, 32516), (164, 32567), (180, 32606), (181, 32609), (186, 32621), (192, 32636), (226, 32660), (235, 32693), (249, 32774), (258, 32819), (266, 32867), (272, 32903), (275, 32912), (278, 32918), (331, 33143),

Gene: Hertubise_33 Start: 32381, Stop: 33541, Start Num: 28

Candidate Starts for Hertubise_33:

(Start: 28 @32381 has 361 MA's), (Start: 52 @32492 has 1 MA's), (62, 32537), (89, 32636), (105, 32696), (117, 32732), (127, 32756), (143, 32801), (145, 32807), (164, 32858), (180, 32897), (181, 32900), (186, 32912), (192, 32927), (226, 32951), (235, 32984), (249, 33065), (258, 33110), (266, 33158), (272, 33194), (275, 33203), (278, 33209), (331, 33434),

Gene: Hetaeria_33 Start: 32383, Stop: 33543, Start Num: 28

Candidate Starts for Hetaeria_33:

(Start: 28 @32383 has 361 MA's), (Start: 52 @32494 has 1 MA's), (62, 32539), (89, 32638), (105, 32698), (117, 32734), (127, 32758), (143, 32803), (145, 32809), (164, 32860), (180, 32899), (181, 32902), (186, 32914), (226, 32953), (235, 32986), (249, 33067), (258, 33112), (266, 33160), (272, 33196), (275, 33205), (278, 33211), (331, 33436),

Gene: HighStump_32 Start: 32073, Stop: 33233, Start Num: 28

Candidate Starts for HighStump_32:

(Start: 28 @32073 has 361 MA's), (Start: 52 @32184 has 1 MA's), (62, 32229), (89, 32328), (105, 32388), (117, 32424), (127, 32448), (143, 32493), (145, 32499), (164, 32550), (180, 32589), (181, 32592), (186, 32604), (192, 32619), (226, 32643), (235, 32676), (249, 32757), (258, 32802), (266, 32850), (272, 32886), (275, 32895), (278, 32901), (331, 33126),

Gene: Hilltopfarm_28 Start: 26055, Stop: 27092, Start Num: 43

Candidate Starts for Hilltopfarm_28:

(Start: 43 @26055 has 46 MA's), (69, 26178), (85, 26232), (96, 26268), (120, 26331), (140, 26379), (167, 26433), (168, 26436), (249, 26622), (255, 26658), (262, 26700), (266, 26718), (278, 26769),

Gene: Hocus_32 Start: 32082, Stop: 33242, Start Num: 28

Candidate Starts for Hocus_32:

(Start: 28 @32082 has 361 MA's), (Start: 52 @32193 has 1 MA's), (62, 32238), (89, 32337), (105, 32397), (117, 32433), (127, 32457), (143, 32502), (145, 32508), (164, 32559), (180, 32598), (181, 32601), (186, 32613), (226, 32652), (235, 32685), (249, 32766), (258, 32811), (266, 32859), (272, 32895), (275, 32904), (278, 32910), (331, 33135),

Gene: Holeinone_33 Start: 32676, Stop: 33839, Start Num: 28

Candidate Starts for Holeinone_33:

(11, 32529), (Start: 23 @32670 has 11 MA's), (Start: 28 @32676 has 361 MA's), (36, 32715), (Start: 41 @32745 has 4 MA's), (Start: 52 @32790 has 1 MA's), (62, 32835), (89, 32934), (105, 32994), (117, 33030), (127, 33054), (143, 33099), (145, 33105), (164, 33156), (180, 33195), (181, 33198), (186, 33210), (192, 33225), (226, 33249), (235, 33282), (249, 33363), (266, 33456), (272, 33492), (275, 33501), (278, 33507), (331, 33732),

Gene: Horchata_33 Start: 32361, Stop: 33521, Start Num: 28

Candidate Starts for Horchata_33:

(Start: 28 @32361 has 361 MA's), (Start: 52 @32472 has 1 MA's), (62, 32517), (89, 32616), (105, 32676), (117, 32712), (127, 32736), (143, 32781), (145, 32787), (164, 32838), (180, 32877), (181, 32880), (186, 32892), (192, 32907), (226, 32931), (235, 32964), (249, 33045), (258, 33090), (266, 33138), (272, 33174), (275, 33183), (278, 33189), (331, 33414),

Gene: Hosp_025 Start: 28263, Stop: 29486, Start Num: 28

Candidate Starts for Hosp_025:

(Start: 28 @28263 has 361 MA's), (36, 28302), (48, 28353), (Start: 52 @28374 has 1 MA's), (55, 28389), (62, 28419), (77, 28479), (83, 28500), (84, 28503), (100, 28560), (117, 28614), (118, 28617), (121, 28623), (161, 28737), (189, 28806), (220, 28911), (249, 29043), (251, 29049), (273, 29172), (288, 29232), (302, 29286), (303, 29292), (319, 29340),

Gene: Hydro_30 Start: 32619, Stop: 33776, Start Num: 28

Candidate Starts for Hydro_30:

(Start: 28 @32619 has 361 MA's), (49, 32712), (Start: 52 @32727 has 1 MA's), (55, 32742), (58, 32754), (62, 32772), (73, 32814), (100, 32913), (102, 32922), (109, 32940), (117, 32967), (125, 32982), (126, 32988), (127, 32994), (129, 33000), (140, 33027), (143, 33036), (155, 33069), (168, 33102), (192, 33162), (233, 33192), (234, 33198), (242, 33243), (250, 33297), (251, 33300), (278, 33444), (310, 33597),

Gene: IPhane7_31 Start: 26992, Stop: 28047, Start Num: 43

Candidate Starts for IPhane7_31:

(Start: 43 @26992 has 46 MA's), (96, 27205), (108, 27241), (136, 27304), (168, 27376), (203, 27406), (210, 27427), (233, 27463), (239, 27499), (247, 27547), (249, 27568), (251, 27574), (255, 27604), (256, 27607), (264, 27655), (303, 27844), (312, 27865), (325, 27919),

Gene: IdentityCrisis_21 Start: 19031, Stop: 20086, Start Num: 43

Candidate Starts for IdentityCrisis_21:

(Start: 43 @19031 has 46 MA's), (68, 19148), (124, 19322), (183, 19439), (185, 19445), (250, 19610), (266, 19703), (277, 19751), (281, 19787), (302, 19880),

Gene: ImtiyazSitla_32 Start: 31924, Stop: 33084, Start Num: 28

Candidate Starts for ImtiyazSitla_32:

(Start: 28 @31924 has 361 MA's), (Start: 52 @32035 has 1 MA's), (62, 32080), (89, 32179), (105, 32239), (117, 32275), (127, 32299), (143, 32344), (145, 32350), (164, 32401), (180, 32440), (181, 32443), (186, 32455), (192, 32470), (226, 32494), (235, 32527), (249, 32608), (258, 32653), (266, 32701), (272, 32737), (275, 32746), (278, 32752), (331, 32977),

Gene: Imvubu_25 Start: 28919, Stop: 30094, Start Num: 24

Candidate Starts for Imvubu_25:

(Start: 24 @28919 has 8 MA's), (47, 29009), (Start: 52 @29036 has 1 MA's), (56, 29057), (Start: 71 @29117 has 1 MA's), (74, 29126), (83, 29165), (87, 29174), (93, 29192), (100, 29225), (119, 29285),

(146, 29354), (153, 29372), (161, 29399), (168, 29414), (172, 29426), (237, 29534), (297, 29858), (317, 29933), (322, 29954), (328, 29984), (341, 30071),

Gene: Inchworm_33 Start: 32359, Stop: 33519, Start Num: 28

Candidate Starts for Inchworm_33:

(Start: 28 @32359 has 361 MA's), (Start: 52 @32470 has 1 MA's), (62, 32515), (89, 32614), (105, 32674), (117, 32710), (127, 32734), (143, 32779), (145, 32785), (164, 32836), (180, 32875), (181, 32878), (186, 32890), (192, 32905), (226, 32929), (235, 32962), (249, 33043), (258, 33088), (266, 33136), (272, 33172), (275, 33181), (278, 33187), (331, 33412),

Gene: Indlovu_29 Start: 31250, Stop: 32386, Start Num: 24

Candidate Starts for Indlovu_29:

(19, 31217), (Start: 24 @31250 has 8 MA's), (Start: 52 @31367 has 1 MA's), (Start: 71 @31448 has 1 MA's), (75, 31463), (83, 31496), (87, 31505), (102, 31565), (112, 31595), (121, 31619), (164, 31736), (241, 31877), (260, 31985), (268, 32042),

Gene: Inverness_33 Start: 32373, Stop: 33533, Start Num: 28

Candidate Starts for Inverness_33:

(Start: 28 @32373 has 361 MA's), (Start: 52 @32484 has 1 MA's), (62, 32529), (89, 32628), (105, 32688), (117, 32724), (127, 32748), (143, 32793), (145, 32799), (164, 32850), (180, 32889), (181, 32892), (186, 32904), (192, 32919), (226, 32943), (235, 32976), (249, 33057), (258, 33102), (266, 33150), (272, 33186), (275, 33195), (278, 33201), (331, 33426),

Gene: Iridoclysis_33 Start: 32353, Stop: 33513, Start Num: 28

Candidate Starts for Iridoclysis_33:

(Start: 28 @32353 has 361 MA's), (Start: 52 @32464 has 1 MA's), (62, 32509), (89, 32608), (105, 32668), (117, 32704), (127, 32728), (143, 32773), (145, 32779), (164, 32830), (180, 32869), (181, 32872), (186, 32884), (226, 32923), (235, 32956), (249, 33037), (258, 33082), (266, 33130), (272, 33166), (275, 33175), (278, 33181), (331, 33406),

Gene: IsaacEli_33 Start: 32377, Stop: 33537, Start Num: 28

Candidate Starts for IsaacEli_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (192, 32923), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: ItsyBitsy1_33 Start: 32678, Stop: 33841, Start Num: 28

Candidate Starts for ItsyBitsy1_33:

(11, 32531), (Start: 23 @32672 has 11 MA's), (Start: 28 @32678 has 361 MA's), (36, 32717), (Start: 41 @32747 has 4 MA's), (Start: 52 @32792 has 1 MA's), (62, 32837), (89, 32936), (105, 32996), (117, 33032), (127, 33056), (143, 33101), (145, 33107), (164, 33158), (180, 33197), (181, 33200), (186, 33212), (192, 33227), (226, 33251), (235, 33284), (249, 33365), (266, 33458), (272, 33494), (275, 33503), (278, 33509), (331, 33734),

Gene: JAMaL_30 Start: 32789, Stop: 33946, Start Num: 28

Candidate Starts for JAMaL_30:

(Start: 28 @32789 has 361 MA's), (49, 32882), (Start: 52 @32897 has 1 MA's), (55, 32912), (58, 32924), (62, 32942), (86, 33032), (100, 33083), (102, 33092), (104, 33098), (109, 33110), (117, 33137), (125, 33152), (126, 33158), (127, 33164), (140, 33197), (143, 33206), (155, 33239), (168, 33272), (233, 33362), (234, 33368), (250, 33467), (251, 33470), (278, 33614), (310, 33767),

Gene: JDog_32 Start: 32090, Stop: 33250, Start Num: 28

Candidate Starts for JDog_32:

(Start: 28 @32090 has 361 MA's), (Start: 52 @32201 has 1 MA's), (62, 32246), (89, 32345), (105, 32405), (117, 32441), (127, 32465), (143, 32510), (145, 32516), (164, 32567), (180, 32606), (181, 32609), (186, 32621), (192, 32636), (226, 32660), (235, 32693), (249, 32774), (258, 32819), (266, 32867), (272, 32903), (275, 32912), (278, 32918), (331, 33143),

Gene: JacAttac_33 Start: 32359, Stop: 33519, Start Num: 28

Candidate Starts for JacAttac_33:

(Start: 28 @32359 has 361 MA's), (Start: 52 @32470 has 1 MA's), (62, 32515), (89, 32614), (105, 32674), (117, 32710), (127, 32734), (143, 32779), (145, 32785), (164, 32836), (180, 32875), (181, 32878), (186, 32890), (192, 32905), (226, 32929), (235, 32962), (249, 33043), (258, 33088), (266, 33136), (272, 33172), (275, 33181), (278, 33187), (331, 33412),

Gene: Jackstina_30 Start: 32142, Stop: 33344, Start Num: 28

Candidate Starts for Jackstina_30:

(Start: 28 @32142 has 361 MA's), (35, 32175), (68, 32319), (70, 32328), (73, 32337), (83, 32376), (87, 32385), (93, 32403), (97, 32421), (101, 32439), (102, 32445), (106, 32457), (112, 32475), (117, 32490), (130, 32523), (140, 32550), (156, 32595), (188, 32676), (197, 32703), (212, 32721), (219, 32739), (234, 32781), (254, 32910), (270, 33000), (292, 33102), (304, 33159), (307, 33168), (319, 33207), (332, 33279), (341, 33321),

Gene: JaguarMi_30 Start: 32084, Stop: 33241, Start Num: 28

Candidate Starts for JaguarMi_30:

(Start: 28 @32084 has 361 MA's), (49, 32177), (Start: 52 @32192 has 1 MA's), (55, 32207), (58, 32219), (62, 32237), (68, 32261), (73, 32279), (76, 32294), (100, 32378), (102, 32387), (109, 32405), (125, 32447), (126, 32453), (127, 32459), (129, 32465), (140, 32492), (143, 32501), (155, 32534), (168, 32567), (192, 32627), (233, 32657), (234, 32663), (250, 32762), (251, 32765), (269, 32876), (278, 32909), (310, 33062), (317, 33086), (319, 33098),

Gene: JakeO_32 Start: 32092, Stop: 33252, Start Num: 28

Candidate Starts for JakeO_32:

(Start: 28 @32092 has 361 MA's), (Start: 52 @32203 has 1 MA's), (62, 32248), (89, 32347), (105, 32407), (117, 32443), (127, 32467), (143, 32512), (145, 32518), (164, 32569), (180, 32608), (181, 32611), (186, 32623), (192, 32638), (226, 32662), (235, 32695), (249, 32776), (266, 32869), (272, 32905), (275, 32914), (278, 32920), (331, 33145),

Gene: Jamie19_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for Jamie19_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: JangoPhett_33 Start: 32361, Stop: 33521, Start Num: 28

Candidate Starts for JangoPhett_33:

(Start: 28 @32361 has 361 MA's), (Start: 52 @32472 has 1 MA's), (62, 32517), (89, 32616), (105, 32676), (117, 32712), (127, 32736), (143, 32781), (145, 32787), (164, 32838), (180, 32877), (181, 32880), (186, 32892), (226, 32931), (235, 32964), (249, 33045), (258, 33090), (266, 33138), (272, 33174), (275, 33183), (278, 33189), (331, 33414),

Gene: Jeon_25 Start: 29946, Stop: 31115, Start Num: 23

Candidate Starts for Jeon_25:

(Start: 23 @29946 has 11 MA's), (Start: 28 @29952 has 361 MA's), (36, 29991), (Start: 41 @30021 has 4 MA's), (Start: 52 @30066 has 1 MA's), (62, 30111), (89, 30210), (105, 30270), (117, 30306), (127, 30330), (143, 30375), (145, 30381), (164, 30432), (180, 30471), (181, 30474), (186, 30486), (192, 30501), (226, 30525), (235, 30558), (249, 30639), (258, 30684), (266, 30732), (272, 30768), (275, 30777), (278, 30783), (331, 31008),

Gene: Jillium_32 Start: 32083, Stop: 33243, Start Num: 28

Candidate Starts for Jillium_32:

(Start: 28 @32083 has 361 MA's), (Start: 52 @32194 has 1 MA's), (62, 32239), (89, 32338), (105, 32398), (117, 32434), (127, 32458), (143, 32503), (145, 32509), (164, 32560), (180, 32599), (181, 32602), (186, 32614), (192, 32629), (226, 32653), (235, 32686), (249, 32767), (258, 32812), (266, 32860), (272, 32896), (275, 32905), (278, 32911), (331, 33136),

Gene: Jiminy_32 Start: 31927, Stop: 33087, Start Num: 28

Candidate Starts for Jiminy_32:

(Start: 28 @31927 has 361 MA's), (Start: 52 @32038 has 1 MA's), (62, 32083), (89, 32182), (105, 32242), (117, 32278), (127, 32302), (143, 32347), (145, 32353), (164, 32404), (180, 32443), (181, 32446), (186, 32458), (226, 32497), (235, 32530), (249, 32611), (266, 32704), (272, 32740), (275, 32749), (278, 32755), (331, 32980),

Gene: Jiraiya_33 Start: 32080, Stop: 33240, Start Num: 28

Candidate Starts for Jiraiya_33:

(Start: 28 @32080 has 361 MA's), (Start: 52 @32191 has 1 MA's), (62, 32236), (89, 32335), (105, 32395), (117, 32431), (127, 32455), (143, 32500), (145, 32506), (164, 32557), (180, 32596), (181, 32599), (186, 32611), (192, 32626), (226, 32650), (235, 32683), (249, 32764), (266, 32857), (272, 32893), (275, 32902), (278, 32908), (331, 33133),

Gene: Jobypre_22 Start: 22247, Stop: 23464, Start Num: 30

Candidate Starts for Jobypre_22:

(Start: 30 @22247 has 34 MA's), (51, 22349), (54, 22361), (58, 22379), (61, 22388), (69, 22427), (79, 22463), (83, 22478), (85, 22484), (94, 22514), (95, 22517), (104, 22553), (109, 22565), (127, 22616), (128, 22619), (150, 22679), (159, 22706), (165, 22721), (170, 22727), (174, 22739), (204, 22799), (214, 22823), (234, 22883), (250, 22979), (254, 23012), (268, 23084), (272, 23108), (327, 23336), (329, 23348),

Gene: JoeDirt_21 Start: 21667, Stop: 22842, Start Num: 27

Candidate Starts for JoeDirt_21:

(Start: 27 @21667 has 5 MA's), (Start: 30 @21670 has 34 MA's), (56, 21796), (66, 21838), (69, 21850), (70, 21853), (79, 21886), (82, 21898), (97, 21946), (101, 21964), (112, 22000), (117, 22015), (138, 22066), (148, 22096), (163, 22138), (175, 22162), (218, 22198), (221, 22204), (230, 22231), (234, 22249), (251, 22342), (252, 22345), (265, 22429), (293, 22567), (298, 22585), (319, 22669),

Gene: Jolie1_027 Start: 30065, Stop: 31273, Start Num: 28

Candidate Starts for Jolie1_027:

(Start: 28 @30065 has 361 MA's), (36, 30104), (44, 30146), (47, 30155), (48, 30158), (Start: 52 @30179 has 1 MA's), (62, 30224), (72, 30263), (77, 30284), (83, 30305), (84, 30308), (100, 30365), (117, 30419), (118, 30422), (121, 30428), (135, 30464), (157, 30530), (161, 30542), (163, 30545), (165, 30551), (182, 30593), (209, 30674), (220, 30698), (250, 30833), (257, 30869), (273, 30959), (288, 31019), (302, 31073), (319, 31127),

Gene: Jolie2_23 Start: 22241, Stop: 23368, Start Num: 28

Candidate Starts for Jolie2_23:

(10, 22061), (16, 22184), (Start: 28 @22241 has 361 MA's), (117, 22592), (135, 22634), (160, 22709), (189, 22781), (233, 22820), (249, 22919), (250, 22922), (251, 22925), (274, 23051), (309, 23189),

Gene: Jubie_22 Start: 22248, Stop: 23465, Start Num: 30

Candidate Starts for Jubie_22:

(Start: 30 @22248 has 34 MA's), (51, 22350), (54, 22362), (58, 22380), (61, 22389), (69, 22428), (79, 22464), (83, 22479), (85, 22485), (94, 22515), (95, 22518), (104, 22554), (109, 22566), (127, 22617), (128, 22620), (150, 22680), (159, 22707), (165, 22722), (170, 22728), (174, 22740), (204, 22800), (214, 22824), (234, 22884), (250, 22980), (254, 23013), (268, 23085), (272, 23109), (327, 23337), (329, 23349),

Gene: JustASigh_22 Start: 22794, Stop: 23885, Start Num: 43

Candidate Starts for JustASigh_22:

(21, 22689), (Start: 43 @22794 has 46 MA's), (108, 23058), (162, 23202), (166, 23211), (211, 23322), (266, 23547), (339, 23841), (341, 23862),

Gene: KLucky39_33 Start: 32371, Stop: 33531, Start Num: 28

Candidate Starts for KLucky39_33:

(Start: 28 @32371 has 361 MA's), (Start: 52 @32482 has 1 MA's), (62, 32527), (89, 32626), (105, 32686), (117, 32722), (127, 32746), (143, 32791), (145, 32797), (164, 32848), (180, 32887), (181, 32890), (186, 32902), (192, 32917), (226, 32941), (235, 32974), (249, 33055), (258, 33100), (266, 33148), (272, 33184), (275, 33193), (278, 33199), (331, 33424),

Gene: Kahve_32 Start: 32087, Stop: 33247, Start Num: 28

Candidate Starts for Kahve_32:

(Start: 28 @32087 has 361 MA's), (Start: 52 @32198 has 1 MA's), (62, 32243), (89, 32342), (105, 32402), (117, 32438), (127, 32462), (143, 32507), (145, 32513), (164, 32564), (180, 32603), (181, 32606), (186, 32618), (192, 32633), (226, 32657), (235, 32690), (249, 32771), (258, 32816), (266, 32864), (272, 32900), (275, 32909), (278, 32915), (331, 33140),

Gene: Kailash_33 Start: 32425, Stop: 33585, Start Num: 28

Candidate Starts for Kailash_33:

(Start: 28 @32425 has 361 MA's), (Start: 52 @32536 has 1 MA's), (62, 32581), (89, 32680), (105, 32740), (117, 32776), (127, 32800), (143, 32845), (145, 32851), (164, 32902), (180, 32941), (181, 32944), (186, 32956), (226, 32995), (235, 33028), (249, 33109), (266, 33202), (272, 33238), (275, 33247), (278, 33253), (331, 33478),

Gene: Kaleb_33 Start: 32811, Stop: 33974, Start Num: 28

Candidate Starts for Kaleb_33:

(11, 32664), (Start: 23 @32805 has 11 MA's), (Start: 28 @32811 has 361 MA's), (36, 32850), (Start: 41 @32880 has 4 MA's), (Start: 52 @32925 has 1 MA's), (62, 32970), (89, 33069), (105, 33129), (117, 33165), (127, 33189), (143, 33234), (145, 33240), (164, 33291), (180, 33330), (181, 33333), (186, 33345), (192, 33360), (226, 33384), (235, 33417), (249, 33498), (258, 33543), (266, 33591), (272, 33627), (275, 33636), (278, 33642), (331, 33867),

Gene: Kamiyu_33 Start: 32188, Stop: 33390, Start Num: 28

Candidate Starts for Kamiyu_33:

(Start: 28 @32188 has 361 MA's), (35, 32221), (68, 32365), (70, 32374), (73, 32383), (83, 32422), (87, 32431), (93, 32449), (97, 32467), (101, 32485), (102, 32491), (106, 32503), (112, 32521), (117, 32536), (130, 32569), (140, 32596), (156, 32641), (188, 32722), (197, 32749), (212, 32767), (219, 32785), (234, 32827), (254, 32956), (259, 32965), (270, 33046), (292, 33148), (304, 33205), (307, 33214), (319, 33253), (332, 33325), (341, 33367),

Gene: Katniss_33 Start: 32386, Stop: 33546, Start Num: 28

Candidate Starts for Katniss_33:

(Start: 28 @32386 has 361 MA's), (Start: 52 @32497 has 1 MA's), (62, 32542), (89, 32641), (105, 32701), (117, 32737), (127, 32761), (143, 32806), (145, 32812), (164, 32863), (180, 32902), (181, 32905), (186, 32917), (192, 32932), (226, 32956), (235, 32989), (249, 33070), (258, 33115), (266, 33163), (272, 33199), (275, 33208), (278, 33214), (331, 33439),

Gene: KayaCho_27 Start: 30061, Stop: 31269, Start Num: 28

Candidate Starts for KayaCho_27:

(5, 29536), (8, 29638), (Start: 28 @30061 has 361 MA's), (36, 30100), (48, 30154), (Start: 52 @30175 has 1 MA's), (55, 30190), (62, 30220), (65, 30235), (83, 30301), (84, 30304), (100, 30361), (101, 30364), (117, 30415), (118, 30418), (121, 30424), (125, 30430), (137, 30466), (161, 30538), (163, 30541), (182, 30589), (189, 30607), (220, 30694), (250, 30829), (272, 30952), (273, 30955), (288, 31015), (302, 31069), (303, 31075), (319, 31123),

Gene: Keitherie_33 Start: 32424, Stop: 33584, Start Num: 28

Candidate Starts for Keitherie_33:

(Start: 28 @32424 has 361 MA's), (Start: 52 @32535 has 1 MA's), (62, 32580), (89, 32679), (105, 32739), (117, 32775), (127, 32799), (143, 32844), (145, 32850), (164, 32901), (180, 32940), (181, 32943), (186, 32955), (226, 32994), (235, 33027), (249, 33108), (258, 33153), (266, 33201), (272, 33237), (275, 33246), (278, 33252), (331, 33477),

Gene: Keziacharles14_32 Start: 24883, Stop: 26085, Start Num: 30

Candidate Starts for Keziacharles14_32:

(Start: 30 @24883 has 34 MA's), (64, 25045), (70, 25066), (90, 25135), (97, 25159), (114, 25219), (121, 25237), (127, 25252), (133, 25267), (152, 25321), (210, 25453), (217, 25468), (231, 25504), (249, 25612), (250, 25615), (253, 25642), (254, 25648), (278, 25759),

Gene: Kheth_33 Start: 32696, Stop: 33862, Start Num: 28

Candidate Starts for Kheth_33:

(Start: 23 @32690 has 11 MA's), (Start: 28 @32696 has 361 MA's), (36, 32735), (Start: 41 @32765 has 4 MA's), (Start: 52 @32810 has 1 MA's), (62, 32855), (89, 32954), (105, 33014), (117, 33050), (127, 33074), (143, 33119), (145, 33125), (164, 33176), (180, 33215), (181, 33218), (186, 33230), (192, 33245), (226, 33269), (235, 33302), (249, 33383), (266, 33476), (272, 33512), (275, 33521), (278, 33527), (331, 33752),

Gene: Kikipoo_33 Start: 32377, Stop: 33537, Start Num: 28

Candidate Starts for Kikipoo_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (192, 32923), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: Kimbrough_33 Start: 32079, Stop: 33239, Start Num: 28

Candidate Starts for Kimbrough_33:

(Start: 28 @32079 has 361 MA's), (Start: 52 @32190 has 1 MA's), (62, 32235), (89, 32334), (105, 32394), (117, 32430), (127, 32454), (143, 32499), (145, 32505), (164, 32556), (180, 32595), (181, 32598), (186, 32610), (192, 32625), (226, 32649), (235, 32682), (249, 32763), (258, 32808), (266, 32856), (272, 32892), (275, 32901), (278, 32907), (331, 33132),

Gene: KingTut_24 Start: 27748, Stop: 28908, Start Num: 28

Candidate Starts for KingTut_24:

(Start: 28 @27748 has 361 MA's), (Start: 52 @27859 has 1 MA's), (62, 27904), (89, 28003), (105, 28063), (117, 28099), (127, 28123), (143, 28168), (145, 28174), (164, 28225), (180, 28264), (181, 28267), (186, 28279), (192, 28294), (226, 28318), (235, 28351), (249, 28432), (258, 28477), (266, 28525), (272, 28561), (275, 28570), (278, 28576), (331, 28801),

Gene: KingVeVeVe_33 Start: 32352, Stop: 33512, Start Num: 28

Candidate Starts for KingVeVeVe_33:

(Start: 28 @32352 has 361 MA's), (Start: 52 @32463 has 1 MA's), (62, 32508), (89, 32607), (105, 32667), (117, 32703), (127, 32727), (143, 32772), (145, 32778), (164, 32829), (180, 32868), (181, 32871), (186, 32883), (192, 32898), (226, 32922), (235, 32955), (249, 33036), (258, 33081), (266, 33129), (272, 33165), (275, 33174), (278, 33180), (331, 33405),

Gene: Kingsolomon_22 Start: 22247, Stop: 23464, Start Num: 30

Candidate Starts for Kingsolomon_22:

(Start: 30 @22247 has 34 MA's), (51, 22349), (54, 22361), (58, 22379), (61, 22388), (69, 22427), (79, 22463), (83, 22478), (85, 22484), (94, 22514), (95, 22517), (104, 22553), (109, 22565), (127, 22616), (128, 22619), (150, 22679), (159, 22706), (165, 22721), (170, 22727), (174, 22739), (204, 22799), (214, 22823), (234, 22883), (250, 22979), (254, 23012), (268, 23084), (272, 23108), (327, 23336), (329, 23348),

Gene: KirDoubleO7_20 Start: 22241, Stop: 23458, Start Num: 30

Candidate Starts for KirDoubleO7_20:

(Start: 30 @22241 has 34 MA's), (32, 22268), (51, 22343), (54, 22355), (58, 22373), (69, 22421), (79, 22457), (83, 22472), (85, 22478), (94, 22508), (109, 22559), (121, 22595), (127, 22610), (128, 22613), (170, 22721), (174, 22733), (204, 22793), (214, 22817), (234, 22877), (254, 23006), (257, 23012), (268, 23078),

Gene: KlimbOn_33 Start: 32365, Stop: 33525, Start Num: 28

Candidate Starts for KlimbOn_33:

(Start: 28 @32365 has 361 MA's), (Start: 52 @32476 has 1 MA's), (62, 32521), (89, 32620), (105, 32680), (117, 32716), (127, 32740), (143, 32785), (145, 32791), (164, 32842), (180, 32881), (181, 32884), (186, 32896), (192, 32911), (226, 32935), (235, 32968), (249, 33049), (258, 33094), (266, 33142), (272, 33178), (275, 33187), (278, 33193), (331, 33418),

Gene: Kloppinator_33 Start: 32388, Stop: 33548, Start Num: 28

Candidate Starts for Kloppinator_33:

(Start: 28 @32388 has 361 MA's), (Start: 52 @32499 has 1 MA's), (62, 32544), (89, 32643), (105, 32703), (117, 32739), (127, 32763), (143, 32808), (145, 32814), (164, 32865), (180, 32904), (181, 32907), (186, 32919), (226, 32958), (235, 32991), (249, 33072), (258, 33117), (266, 33165), (272, 33201), (275, 33210), (278, 33216), (331, 33441),

Gene: Knocker_33 Start: 33872, Stop: 35014, Start Num: 24

Candidate Starts for Knocker_33:

(Start: 24 @33872 has 8 MA's), (Start: 52 @33989 has 1 MA's), (58, 34016), (61, 34025), (65, 34049), (Start: 71 @34070 has 1 MA's), (74, 34079), (79, 34103), (83, 34118), (84, 34121), (87, 34127), (100, 34178), (102, 34187), (108, 34205), (112, 34217), (113, 34220), (121, 34241), (140, 34292), (146, 34307), (151, 34319), (158, 34343), (161, 34352), (172, 34379), (175, 34385), (226, 34445), (233, 34457), (237, 34487), (240, 34499), (250, 34574), (264, 34658), (267, 34670), (271, 34700), (278, 34718), (296, 34799), (300, 34826), (301, 34829), (303, 34838),

Gene: Koella_19 Start: 20229, Stop: 21383, Start Num: 43

Candidate Starts for Koella_19:

(Start: 40 @20226 has 3 MA's), (Start: 43 @20229 has 46 MA's), (60, 20310), (Start: 71 @20358 has 1 MA's), (88, 20418), (91, 20427), (95, 20442), (101, 20466), (108, 20490), (111, 20502), (138, 20577), (140, 20586), (149, 20610), (158, 20640), (203, 20724), (204, 20727), (213, 20748), (249, 20907), (264, 20997), (266, 21006), (270, 21036), (278, 21057), (341, 21360),

Gene: Kronus_32 Start: 32802, Stop: 34004, Start Num: 28

Candidate Starts for Kronus_32:

(Start: 28 @32802 has 361 MA's), (35, 32835), (68, 32979), (70, 32988), (73, 32997), (83, 33036), (87, 33045), (93, 33063), (97, 33081), (101, 33099), (102, 33105), (106, 33117), (112, 33135), (117, 33150), (130, 33183), (140, 33210), (156, 33255), (188, 33336), (197, 33363), (212, 33381), (219, 33399), (234, 33441), (237, 33465), (251, 33540), (254, 33570), (266, 33630), (268, 33642), (270, 33660), (291, 33759), (292, 33762), (319, 33867), (321, 33873), (324, 33891), (340, 33978),

Gene: Krypton555_22 Start: 22170, Stop: 23369, Start Num: 30

Candidate Starts for Krypton555_22:

(Start: 30 @22170 has 34 MA's), (51, 22272), (54, 22284), (58, 22302), (69, 22350), (81, 22395), (83, 22401), (94, 22437), (104, 22476), (106, 22482), (109, 22488), (125, 22530), (150, 22602), (170, 22650), (174, 22662), (177, 22668), (234, 22806), (243, 22851), (249, 22899), (254, 22935), (265, 22989), (268, 23007), (271, 23028), (306, 23178), (311, 23199), (336, 23307),

Gene: Kwadwo_32 Start: 32069, Stop: 33229, Start Num: 28

Candidate Starts for Kwadwo_32:

(Start: 28 @32069 has 361 MA's), (Start: 52 @32180 has 1 MA's), (62, 32225), (89, 32324), (105, 32384), (117, 32420), (127, 32444), (143, 32489), (145, 32495), (164, 32546), (180, 32585), (181, 32588), (186, 32600), (192, 32615), (226, 32639), (235, 32672), (249, 32753), (258, 32798), (266, 32846), (272, 32882), (275, 32891), (278, 32897), (331, 33122),

Gene: Kwksand96_32 Start: 31938, Stop: 33098, Start Num: 28

Candidate Starts for Kwksand96_32:

(Start: 28 @31938 has 361 MA's), (Start: 52 @32049 has 1 MA's), (62, 32094), (89, 32193), (105, 32253), (117, 32289), (127, 32313), (143, 32358), (145, 32364), (164, 32415), (180, 32454), (181, 32457), (186, 32469), (192, 32484), (226, 32508), (235, 32541), (249, 32622), (258, 32667), (266, 32715), (272, 32751), (275, 32760), (278, 32766), (331, 32991),

Gene: Labeouficaum_32 Start: 31933, Stop: 33093, Start Num: 28

Candidate Starts for Labeouficaum_32:

(Start: 28 @31933 has 361 MA's), (Start: 52 @32044 has 1 MA's), (62, 32089), (89, 32188), (105, 32248), (117, 32284), (127, 32308), (143, 32353), (145, 32359), (164, 32410), (180, 32449), (181, 32452), (186, 32464), (192, 32479), (226, 32503), (235, 32536), (249, 32617), (258, 32662), (266, 32710), (272, 32746), (275, 32755), (278, 32761), (331, 32986),

Gene: Lambano_29 Start: 31590, Stop: 32747, Start Num: 28

Candidate Starts for Lambano_29:

(Start: 28 @31590 has 361 MA's), (49, 31683), (Start: 52 @31698 has 1 MA's), (55, 31713), (58, 31725), (62, 31743), (86, 31833), (100, 31884), (102, 31893), (104, 31899), (109, 31911), (117, 31938), (125, 31953), (126, 31959), (127, 31965), (140, 31998), (143, 32007), (155, 32040), (168, 32073), (233, 32163), (234, 32169), (250, 32268), (251, 32271), (278, 32415), (310, 32568),

Gene: Lars_33 Start: 32801, Stop: 33964, Start Num: 28

Candidate Starts for Lars_33:

(11, 32654), (Start: 23 @32795 has 11 MA's), (Start: 28 @32801 has 361 MA's), (36, 32840), (Start: 41 @32870 has 4 MA's), (Start: 52 @32915 has 1 MA's), (62, 32960), (89, 33059), (105, 33119), (117, 33155), (127, 33179), (143, 33224), (145, 33230), (164, 33281), (180, 33320), (181, 33323), (186,

33335), (192, 33350), (226, 33374), (235, 33407), (249, 33488), (266, 33581), (272, 33617), (275, 33626), (278, 33632), (289, 33692), (331, 33857),

Gene: LasagnaCat_33 Start: 32371, Stop: 33531, Start Num: 28

Candidate Starts for LasagnaCat_33:

(Start: 28 @32371 has 361 MA's), (Start: 52 @32482 has 1 MA's), (62, 32527), (89, 32626), (105, 32686), (117, 32722), (127, 32746), (143, 32791), (145, 32797), (164, 32848), (180, 32887), (181, 32890), (186, 32902), (226, 32941), (235, 32974), (249, 33055), (266, 33148), (272, 33184), (275, 33193), (278, 33199), (331, 33424),

Gene: Lasso_33 Start: 32344, Stop: 33504, Start Num: 28

Candidate Starts for Lasso_33:

(Start: 28 @32344 has 361 MA's), (Start: 52 @32455 has 1 MA's), (62, 32500), (89, 32599), (105, 32659), (117, 32695), (127, 32719), (143, 32764), (145, 32770), (164, 32821), (180, 32860), (181, 32863), (186, 32875), (192, 32890), (226, 32914), (235, 32947), (249, 33028), (258, 33073), (266, 33121), (272, 33157), (275, 33166), (278, 33172), (331, 33397),

Gene: LastJedi_19 Start: 20260, Stop: 21414, Start Num: 43

Candidate Starts for LastJedi_19:

(Start: 40 @20257 has 3 MA's), (Start: 43 @20260 has 46 MA's), (60, 20341), (Start: 71 @20389 has 1 MA's), (88, 20449), (91, 20458), (95, 20473), (101, 20497), (108, 20521), (111, 20533), (138, 20608), (140, 20617), (149, 20641), (158, 20671), (203, 20755), (204, 20758), (213, 20779), (249, 20938), (264, 21028), (266, 21037), (270, 21067), (278, 21088), (341, 21391),

Gene: Laurie_33 Start: 32132, Stop: 33340, Start Num: 26

Candidate Starts for Laurie_33:

(Start: 23 @32129 has 11 MA's), (Start: 26 @32132 has 6 MA's), (Start: 41 @32201 has 4 MA's), (58, 32270), (64, 32300), (68, 32312), (69, 32318), (70, 32321), (73, 32330), (83, 32369), (87, 32378), (90, 32390), (105, 32447), (109, 32456), (112, 32468), (114, 32474), (117, 32483), (136, 32528), (140, 32543), (156, 32588), (184, 32657), (189, 32672), (195, 32684), (208, 32708), (227, 32756), (229, 32762), (234, 32774), (237, 32798), (251, 32873), (254, 32903), (266, 32963), (268, 32975), (270, 32993), (291, 33092), (292, 33095), (319, 33200), (321, 33206), (332, 33272), (338, 33275),

Gene: LeBron_21 Start: 21711, Stop: 22886, Start Num: 27

Candidate Starts for LeBron_21:

(Start: 27 @21711 has 5 MA's), (Start: 30 @21714 has 34 MA's), (56, 21840), (66, 21882), (69, 21894), (70, 21897), (79, 21930), (82, 21942), (97, 21990), (101, 22008), (112, 22044), (117, 22059), (138, 22110), (148, 22140), (163, 22182), (175, 22206), (218, 22242), (221, 22248), (230, 22275), (234, 22293), (251, 22386), (252, 22389), (265, 22473), (293, 22611), (298, 22629), (319, 22713),

Gene: LeeLot_33 Start: 32375, Stop: 33535, Start Num: 28

Candidate Starts for LeeLot_33:

(Start: 28 @32375 has 361 MA's), (Start: 52 @32486 has 1 MA's), (62, 32531), (89, 32630), (105, 32690), (117, 32726), (127, 32750), (143, 32795), (145, 32801), (164, 32852), (180, 32891), (181, 32894), (186, 32906), (226, 32945), (235, 32978), (249, 33059), (258, 33104), (266, 33152), (272, 33188), (275, 33197), (278, 33203), (331, 33428),

Gene: Lego3393_33 Start: 32380, Stop: 33540, Start Num: 28

Candidate Starts for Lego3393_33:

(Start: 28 @32380 has 361 MA's), (Start: 52 @32491 has 1 MA's), (62, 32536), (89, 32635), (105, 32695), (117, 32731), (127, 32755), (143, 32800), (145, 32806), (164, 32857), (180, 32896), (181, 32899), (186, 32911), (192, 32926), (226, 32950), (235, 32983), (249, 33064), (258, 33109), (266, 33157), (272, 33193), (275, 33202), (278, 33208), (331, 33433),

Gene: Legolas_32 Start: 32085, Stop: 33245, Start Num: 28

Candidate Starts for Legolas_32:

(Start: 28 @32085 has 361 MA's), (Start: 52 @32196 has 1 MA's), (62, 32241), (89, 32340), (105, 32400), (117, 32436), (127, 32460), (143, 32505), (145, 32511), (164, 32562), (180, 32601), (181, 32604), (186, 32616), (226, 32655), (235, 32688), (249, 32769), (258, 32814), (266, 32862), (272, 32898), (275, 32907), (278, 32913), (331, 33138),

Gene: LeiMonet_33 Start: 32076, Stop: 33236, Start Num: 28

Candidate Starts for LeiMonet_33:

(Start: 28 @32076 has 361 MA's), (Start: 52 @32187 has 1 MA's), (62, 32232), (89, 32331), (105, 32391), (117, 32427), (127, 32451), (143, 32496), (145, 32502), (164, 32553), (180, 32592), (181, 32595), (186, 32607), (192, 32622), (226, 32646), (235, 32679), (249, 32760), (258, 32805), (266, 32853), (272, 32889), (275, 32898), (278, 32904), (331, 33129),

Gene: LemonSlice_33 Start: 32072, Stop: 33232, Start Num: 28

Candidate Starts for LemonSlice_33:

(Start: 28 @32072 has 361 MA's), (Start: 52 @32183 has 1 MA's), (62, 32228), (89, 32327), (105, 32387), (117, 32423), (127, 32447), (143, 32492), (145, 32498), (164, 32549), (180, 32588), (181, 32591), (186, 32603), (192, 32618), (226, 32642), (235, 32675), (249, 32756), (258, 32801), (266, 32849), (272, 32885), (275, 32894), (278, 32900), (331, 33125),

Gene: Lephleur_33 Start: 32688, Stop: 33857, Start Num: 23

Candidate Starts for Lephleur_33:

(11, 32547), (Start: 23 @32688 has 11 MA's), (Start: 28 @32694 has 361 MA's), (36, 32733), (Start: 41 @32763 has 4 MA's), (Start: 52 @32808 has 1 MA's), (62, 32853), (89, 32952), (105, 33012), (117, 33048), (127, 33072), (143, 33117), (145, 33123), (164, 33174), (180, 33213), (181, 33216), (186, 33228), (192, 33243), (226, 33267), (235, 33300), (249, 33381), (266, 33474), (272, 33510), (275, 33519), (278, 33525), (331, 33750),

Gene: LestyG_33 Start: 32223, Stop: 33425, Start Num: 28

Candidate Starts for LestyG_33:

(Start: 28 @32223 has 361 MA's), (35, 32256), (68, 32400), (70, 32409), (73, 32418), (83, 32457), (87, 32466), (93, 32484), (97, 32502), (101, 32520), (102, 32526), (106, 32538), (112, 32556), (117, 32571), (130, 32604), (140, 32631), (156, 32676), (188, 32757), (197, 32784), (212, 32802), (219, 32820), (234, 32862), (237, 32886), (251, 32961), (254, 32991), (266, 33051), (268, 33063), (270, 33081), (292, 33183), (319, 33288), (321, 33294), (324, 33312), (340, 33399),

Gene: LilMcDreamy_28 Start: 31675, Stop: 32907, Start Num: 28

Candidate Starts for LilMcDreamy_28:

(2, 30913), (3, 30922), (4, 31042), (8, 31252), (Start: 28 @31675 has 361 MA's), (36, 31714), (38, 31720), (Start: 52 @31792 has 1 MA's), (77, 31897), (83, 31918), (100, 31978), (118, 32035), (135, 32077), (142, 32101), (163, 32158), (180, 32200), (189, 32224), (198, 32251), (220, 32329), (249, 32464), (251, 32470), (273, 32593), (288, 32653), (293, 32671), (302, 32707), (303, 32713), (313, 32737), (319, 32761),

Gene: LilhomieP_30 Start: 26992, Stop: 28047, Start Num: 43

Candidate Starts for LilhomieP_30:

(Start: 43 @26992 has 46 MA's), (96, 27205), (108, 27241), (136, 27304), (168, 27376), (203, 27406), (210, 27427), (233, 27463), (239, 27499), (247, 27547), (249, 27568), (251, 27574), (255, 27604), (256, 27607), (264, 27655), (303, 27844), (312, 27865), (325, 27919),

Gene: LiyuLake_22 Start: 22229, Stop: 23428, Start Num: 30

Candidate Starts for LiyuLake_22:

(Start: 30 @22229 has 34 MA's), (51, 22331), (58, 22361), (61, 22370), (69, 22409), (73, 22421), (83, 22460), (94, 22496), (97, 22505), (106, 22541), (125, 22589), (174, 22721), (177, 22727), (209, 22796), (227, 22841), (234, 22865), (249, 22958), (254, 22994), (265, 23048), (268, 23066), (311, 23258), (336, 23366),

Gene: LizLemon_33 Start: 32810, Stop: 33973, Start Num: 28

Candidate Starts for LizLemon_33:

(11, 32663), (Start: 23 @32804 has 11 MA's), (Start: 28 @32810 has 361 MA's), (36, 32849), (Start: 41 @32879 has 4 MA's), (Start: 52 @32924 has 1 MA's), (62, 32969), (89, 33068), (105, 33128), (117, 33164), (127, 33188), (143, 33233), (145, 33239), (164, 33290), (180, 33329), (181, 33332), (186, 33344), (192, 33359), (226, 33383), (235, 33416), (249, 33497), (258, 33542), (266, 33590), (272, 33626), (275, 33635), (278, 33641), (331, 33866),

Gene: Lolalove_30 Start: 32616, Stop: 33773, Start Num: 28

Candidate Starts for Lolalove_30:

(Start: 28 @32616 has 361 MA's), (49, 32709), (Start: 52 @32724 has 1 MA's), (55, 32739), (58, 32751), (62, 32769), (100, 32910), (102, 32919), (109, 32937), (117, 32964), (125, 32979), (126, 32985), (127, 32991), (129, 32997), (140, 33024), (143, 33033), (155, 33066), (168, 33099), (189, 33153), (192, 33159), (233, 33189), (234, 33195), (236, 33216), (242, 33240), (250, 33294), (251, 33297), (278, 33441), (310, 33594),

Gene: Lolly9_22 Start: 22045, Stop: 23244, Start Num: 30

Candidate Starts for Lolly9_22:

(Start: 30 @22045 has 34 MA's), (32, 22072), (54, 22159), (58, 22177), (61, 22186), (69, 22225), (83, 22276), (84, 22279), (97, 22321), (104, 22351), (106, 22357), (109, 22363), (125, 22405), (170, 22525), (174, 22537), (177, 22543), (234, 22681), (249, 22774), (254, 22810), (265, 22864), (268, 22882), (311, 23074), (336, 23182),

Gene: Longacauda_32 Start: 32077, Stop: 33237, Start Num: 28

Candidate Starts for Longacauda_32:

(Start: 28 @32077 has 361 MA's), (Start: 52 @32188 has 1 MA's), (62, 32233), (89, 32332), (105, 32392), (117, 32428), (127, 32452), (143, 32497), (145, 32503), (164, 32554), (180, 32593), (181, 32596), (186, 32608), (192, 32623), (226, 32647), (235, 32680), (249, 32761), (258, 32806), (266, 32854), (272, 32890), (275, 32899), (278, 32905), (331, 33130),

Gene: Lopsy_32 Start: 31927, Stop: 33087, Start Num: 28

Candidate Starts for Lopsy_32:

(Start: 28 @31927 has 361 MA's), (Start: 52 @32038 has 1 MA's), (62, 32083), (89, 32182), (105, 32242), (117, 32278), (127, 32302), (143, 32347), (145, 32353), (164, 32404), (180, 32443), (181, 32446), (186, 32458), (226, 32497), (235, 32530), (249, 32611), (258, 32656), (266, 32704), (272, 32740), (275, 32749), (278, 32755), (331, 32980),

Gene: LostAndPhound_32 Start: 32078, Stop: 33238, Start Num: 28

Candidate Starts for LostAndPhound_32:

(Start: 28 @32078 has 361 MA's), (Start: 52 @32189 has 1 MA's), (62, 32234), (89, 32333), (105, 32393), (117, 32429), (127, 32453), (143, 32498), (145, 32504), (164, 32555), (180, 32594), (181, 32597), (186, 32609), (226, 32648), (235, 32681), (249, 32762), (266, 32855), (272, 32891), (275, 32900), (278, 32906), (331, 33131),

Gene: LuckyMarjie_32 Start: 32087, Stop: 33247, Start Num: 28

Candidate Starts for LuckyMarjie_32:

(Start: 28 @32087 has 361 MA's), (Start: 52 @32198 has 1 MA's), (62, 32243), (89, 32342), (105, 32402), (117, 32438), (127, 32462), (143, 32507), (145, 32513), (164, 32564), (180, 32603), (181, 32606), (186, 32618), (192, 32633), (226, 32657), (235, 32690), (249, 32771), (258, 32816), (266, 32864), (272, 32900), (275, 32909), (278, 32915), (331, 33140),

Gene: Lulumae_32 Start: 32069, Stop: 33229, Start Num: 28

Candidate Starts for Lulumae_32:

(Start: 28 @32069 has 361 MA's), (Start: 52 @32180 has 1 MA's), (62, 32225), (89, 32324), (105, 32384), (117, 32420), (127, 32444), (143, 32489), (145, 32495), (164, 32546), (180, 32585), (181, 32588), (186, 32600), (192, 32615), (226, 32639), (235, 32672), (249, 32753), (258, 32798), (266, 32846), (272, 32882), (275, 32891), (278, 32897), (331, 33122),

Gene: Lulwa_33 Start: 32356, Stop: 33516, Start Num: 28

Candidate Starts for Lulwa_33:

(Start: 28 @32356 has 361 MA's), (Start: 52 @32467 has 1 MA's), (62, 32512), (89, 32611), (105, 32671), (117, 32707), (127, 32731), (143, 32776), (145, 32782), (164, 32833), (180, 32872), (181, 32875), (186, 32887), (192, 32902), (226, 32926), (235, 32959), (249, 33040), (258, 33085), (266, 33133), (272, 33169), (275, 33178), (278, 33184), (331, 33409),

Gene: Lumine_32 Start: 32065, Stop: 33225, Start Num: 28

Candidate Starts for Lumine_32:

(Start: 28 @32065 has 361 MA's), (Start: 52 @32176 has 1 MA's), (62, 32221), (89, 32320), (105, 32380), (117, 32416), (127, 32440), (143, 32485), (145, 32491), (164, 32542), (180, 32581), (181, 32584), (186, 32596), (192, 32611), (226, 32635), (235, 32668), (249, 32749), (258, 32794), (266, 32842), (272, 32878), (275, 32887), (278, 32893), (331, 33118),

Gene: Lumos_22 Start: 22244, Stop: 23461, Start Num: 30

Candidate Starts for Lumos_22:

(Start: 30 @22244 has 34 MA's), (51, 22346), (54, 22358), (58, 22376), (61, 22385), (69, 22424), (79, 22460), (83, 22475), (85, 22481), (94, 22511), (95, 22514), (104, 22550), (109, 22562), (127, 22613), (128, 22616), (150, 22676), (159, 22703), (165, 22718), (170, 22724), (174, 22736), (204, 22796), (214, 22820), (234, 22880), (250, 22976), (254, 23009), (268, 23081), (272, 23105), (327, 23333), (329, 23345),

Gene: MAckerman_21 Start: 21688, Stop: 22860, Start Num: 30

Candidate Starts for MAckerman_21:

(Start: 27 @21685 has 5 MA's), (Start: 30 @21688 has 34 MA's), (56, 21814), (66, 21856), (69, 21868), (70, 21871), (79, 21904), (82, 21916), (97, 21964), (101, 21982), (112, 22018), (117, 22033), (138, 22084), (148, 22114), (163, 22156), (175, 22180), (218, 22216), (221, 22222), (230, 22249), (234, 22267), (251, 22360), (252, 22363), (265, 22447), (293, 22585), (298, 22603), (319, 22687),

Gene: MRabcd_32 Start: 32069, Stop: 33229, Start Num: 28

Candidate Starts for MRabcd_32:

(Start: 28 @32069 has 361 MA's), (Start: 52 @32180 has 1 MA's), (62, 32225), (89, 32324), (105, 32384), (117, 32420), (127, 32444), (143, 32489), (145, 32495), (164, 32546), (180, 32585), (181, 32588), (186, 32600), (192, 32615), (226, 32639), (235, 32672), (249, 32753), (258, 32798), (266, 32846), (272, 32882), (275, 32891), (278, 32897), (331, 33122),

Gene: Mag7_32 Start: 31975, Stop: 33135, Start Num: 28

Candidate Starts for Mag7_32:

(Start: 28 @31975 has 361 MA's), (Start: 52 @32086 has 1 MA's), (62, 32131), (89, 32230), (105, 32290), (117, 32326), (127, 32350), (143, 32395), (145, 32401), (164, 32452), (180, 32491), (181, 32494), (186, 32506), (226, 32545), (235, 32578), (249, 32659), (266, 32752), (272, 32788), (275,

32797), (278, 32803), (331, 33028),

Gene: Magic8_33 Start: 32410, Stop: 33570, Start Num: 28

Candidate Starts for Magic8_33:

(Start: 28 @32410 has 361 MA's), (Start: 52 @32521 has 1 MA's), (62, 32566), (89, 32665), (105, 32725), (117, 32761), (127, 32785), (143, 32830), (145, 32836), (164, 32887), (180, 32926), (181, 32929), (186, 32941), (192, 32956), (226, 32980), (235, 33013), (249, 33094), (258, 33139), (266, 33187), (272, 33223), (275, 33232), (278, 33238), (331, 33463),

Gene: Magpie_29 Start: 32448, Stop: 33605, Start Num: 28

Candidate Starts for Magpie_29:

(Start: 28 @32448 has 361 MA's), (49, 32541), (Start: 52 @32556 has 1 MA's), (55, 32571), (58, 32583), (62, 32601), (86, 32691), (100, 32742), (102, 32751), (104, 32757), (109, 32769), (117, 32796), (125, 32811), (126, 32817), (127, 32823), (140, 32856), (143, 32865), (155, 32898), (168, 32931), (233, 33021), (234, 33027), (250, 33126), (251, 33129), (278, 33273), (310, 33426),

Gene: Mana_32 Start: 32084, Stop: 33244, Start Num: 28

Candidate Starts for Mana_32:

(Start: 28 @32084 has 361 MA's), (Start: 52 @32195 has 1 MA's), (62, 32240), (89, 32339), (105, 32399), (117, 32435), (127, 32459), (143, 32504), (145, 32510), (164, 32561), (180, 32600), (181, 32603), (186, 32615), (192, 32630), (226, 32654), (235, 32687), (249, 32768), (258, 32813), (266, 32861), (272, 32897), (275, 32906), (278, 32912), (331, 33137),

Gene: Manad_32 Start: 31926, Stop: 33086, Start Num: 28

Candidate Starts for Manad_32:

(Start: 28 @31926 has 361 MA's), (Start: 52 @32037 has 1 MA's), (62, 32082), (89, 32181), (105, 32241), (117, 32277), (127, 32301), (143, 32346), (145, 32352), (164, 32403), (180, 32442), (181, 32445), (186, 32457), (226, 32496), (235, 32529), (249, 32610), (258, 32655), (266, 32703), (272, 32739), (275, 32748), (278, 32754), (331, 32979),

Gene: Mao1_27 Start: 28750, Stop: 29910, Start Num: 28

Candidate Starts for Mao1_27:

(Start: 28 @28750 has 361 MA's), (34, 28786), (Start: 41 @28819 has 4 MA's), (Start: 52 @28864 has 1 MA's), (62, 28909), (63, 28912), (117, 29104), (127, 29128), (129, 29134), (145, 29179), (146, 29182), (164, 29230), (189, 29293), (190, 29296), (228, 29329), (245, 29404), (249, 29434), (270, 29557), (273, 29566), (275, 29572), (342, 29893),

Gene: Marley1013_33 Start: 33001, Stop: 34203, Start Num: 28

Candidate Starts for Marley1013_33:

(Start: 28 @33001 has 361 MA's), (35, 33034), (68, 33178), (70, 33187), (73, 33196), (83, 33235), (87, 33244), (93, 33262), (97, 33280), (101, 33298), (102, 33304), (106, 33316), (112, 33334), (117, 33349), (130, 33382), (140, 33409), (156, 33454), (188, 33535), (197, 33562), (212, 33580), (219, 33598), (234, 33640), (237, 33664), (251, 33739), (254, 33769), (266, 33829), (268, 33841), (270, 33859), (292, 33961), (319, 34066), (321, 34072), (324, 34090), (340, 34177),

Gene: Maru_32 Start: 32027, Stop: 33187, Start Num: 28

Candidate Starts for Maru_32:

(Start: 28 @32027 has 361 MA's), (Start: 52 @32138 has 1 MA's), (62, 32183), (89, 32282), (105, 32342), (117, 32378), (127, 32402), (143, 32447), (145, 32453), (164, 32504), (180, 32543), (181, 32546), (186, 32558), (192, 32573), (226, 32597), (235, 32630), (249, 32711), (258, 32756), (266, 32804), (272, 32840), (275, 32849), (278, 32855), (331, 33080),

Gene: Mask_28 Start: 28743, Stop: 29903, Start Num: 28

Candidate Starts for Mask_28:

(Start: 28 @28743 has 361 MA's), (34, 28779), (Start: 41 @28812 has 4 MA's), (Start: 52 @28857 has 1 MA's), (62, 28902), (63, 28905), (117, 29097), (127, 29121), (129, 29127), (141, 29160), (143, 29166), (145, 29172), (146, 29175), (164, 29223), (189, 29286), (190, 29289), (228, 29322), (245, 29397), (249, 29427), (270, 29550), (273, 29559), (275, 29565),

Gene: Maskar_32 Start: 31924, Stop: 33084, Start Num: 28

Candidate Starts for Maskar_32:

(Start: 28 @31924 has 361 MA's), (Start: 52 @32035 has 1 MA's), (62, 32080), (89, 32179), (105, 32239), (117, 32275), (127, 32299), (143, 32344), (145, 32350), (164, 32401), (180, 32440), (181, 32443), (186, 32455), (192, 32470), (226, 32494), (235, 32527), (249, 32608), (258, 32653), (266, 32701), (272, 32737), (275, 32746), (278, 32752), (331, 32977),

Gene: MasterPo_33 Start: 32691, Stop: 33860, Start Num: 23

Candidate Starts for MasterPo_33:

(Start: 23 @32691 has 11 MA's), (Start: 28 @32697 has 361 MA's), (36, 32736), (Start: 41 @32766 has 4 MA's), (Start: 52 @32811 has 1 MA's), (62, 32856), (89, 32955), (105, 33015), (117, 33051), (127, 33075), (143, 33120), (145, 33126), (164, 33177), (180, 33216), (181, 33219), (186, 33231), (192, 33246), (226, 33270), (235, 33303), (249, 33384), (258, 33429), (266, 33477), (272, 33513), (275, 33522), (278, 33528), (331, 33753),

Gene: Matalotodo_33 Start: 32370, Stop: 33530, Start Num: 28

Candidate Starts for Matalotodo_33:

(Start: 28 @32370 has 361 MA's), (Start: 52 @32481 has 1 MA's), (62, 32526), (89, 32625), (105, 32685), (117, 32721), (127, 32745), (143, 32790), (145, 32796), (164, 32847), (180, 32886), (181, 32889), (186, 32901), (192, 32916), (226, 32940), (235, 32973), (249, 33054), (258, 33099), (266, 33147), (272, 33183), (275, 33192), (278, 33198), (331, 33423),

Gene: Mcshane_32 Start: 32067, Stop: 33227, Start Num: 28

Candidate Starts for Mcshane_32:

(Start: 28 @32067 has 361 MA's), (Start: 52 @32178 has 1 MA's), (62, 32223), (89, 32322), (105, 32382), (117, 32418), (127, 32442), (143, 32487), (145, 32493), (164, 32544), (180, 32583), (181, 32586), (186, 32598), (192, 32613), (226, 32637), (235, 32670), (249, 32751), (258, 32796), (266, 32844), (272, 32880), (275, 32889), (278, 32895), (331, 33120),

Gene: Mecca_32 Start: 32070, Stop: 33230, Start Num: 28

Candidate Starts for Mecca_32:

(Start: 28 @32070 has 361 MA's), (Start: 52 @32181 has 1 MA's), (62, 32226), (89, 32325), (105, 32385), (117, 32421), (127, 32445), (143, 32490), (145, 32496), (164, 32547), (180, 32586), (181, 32589), (186, 32601), (192, 32616), (226, 32640), (235, 32673), (249, 32754), (258, 32799), (266, 32847), (272, 32883), (275, 32892), (278, 32898), (331, 33123),

Gene: Megabear_25 Start: 29324, Stop: 30529, Start Num: 26

Candidate Starts for Megabear_25:

(Start: 23 @29321 has 11 MA's), (Start: 26 @29324 has 6 MA's), (Start: 41 @29393 has 4 MA's), (58, 29462), (64, 29492), (68, 29504), (69, 29510), (70, 29513), (73, 29522), (83, 29561), (87, 29570), (90, 29582), (105, 29639), (109, 29648), (112, 29660), (117, 29675), (136, 29720), (140, 29735), (156, 29780), (184, 29849), (195, 29876), (208, 29900), (225, 29945), (234, 29966), (237, 29990), (251, 30065), (254, 30095), (266, 30155), (268, 30167), (270, 30185), (292, 30287), (321, 30398), (324, 30416), (338, 30467), (340, 30503),

Gene: Megamind20_33 Start: 32092, Stop: 33252, Start Num: 28

Candidate Starts for Megamind20_33:

(Start: 28 @32092 has 361 MA's), (Start: 52 @32203 has 1 MA's), (62, 32248), (89, 32347), (105, 32407), (117, 32443), (127, 32467), (143, 32512), (145, 32518), (164, 32569), (180, 32608), (181, 32611), (186, 32623), (192, 32638), (226, 32662), (235, 32695), (249, 32776), (258, 32821), (266, 32869), (272, 32905), (275, 32914), (278, 32920), (331, 33145),

Gene: Megatron_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for Megatron_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (89, 32623), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266, 33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Melc17_33 Start: 32365, Stop: 33525, Start Num: 28

Candidate Starts for Melc17_33:

(Start: 28 @32365 has 361 MA's), (Start: 52 @32476 has 1 MA's), (62, 32521), (89, 32620), (105, 32680), (117, 32716), (127, 32740), (143, 32785), (145, 32791), (164, 32842), (180, 32881), (181, 32884), (186, 32896), (226, 32935), (235, 32968), (249, 33049), (266, 33142), (272, 33178), (275, 33187), (278, 33193), (331, 33418),

Gene: MelsMeow_32 Start: 31973, Stop: 33133, Start Num: 28

Candidate Starts for MelsMeow_32:

(Start: 28 @31973 has 361 MA's), (Start: 52 @32084 has 1 MA's), (62, 32129), (89, 32228), (105, 32288), (117, 32324), (127, 32348), (143, 32393), (145, 32399), (164, 32450), (180, 32489), (181, 32492), (186, 32504), (192, 32519), (226, 32543), (235, 32576), (249, 32657), (258, 32702), (266, 32750), (272, 32786), (275, 32795), (278, 32801), (331, 33026),

Gene: Mesh1_33 Start: 32382, Stop: 33542, Start Num: 28

Candidate Starts for Mesh1_33:

(Start: 28 @32382 has 361 MA's), (Start: 52 @32493 has 1 MA's), (62, 32538), (89, 32637), (105, 32697), (117, 32733), (127, 32757), (143, 32802), (145, 32808), (164, 32859), (180, 32898), (181, 32901), (186, 32913), (192, 32928), (226, 32952), (235, 32985), (249, 33066), (258, 33111), (266, 33159), (272, 33195), (275, 33204), (278, 33210), (331, 33435),

Gene: MichaelPhcott_32 Start: 31972, Stop: 33132, Start Num: 28

Candidate Starts for MichaelPhcott_32:

(Start: 28 @31972 has 361 MA's), (Start: 52 @32083 has 1 MA's), (62, 32128), (89, 32227), (105, 32287), (117, 32323), (127, 32347), (143, 32392), (145, 32398), (164, 32449), (180, 32488), (181, 32491), (186, 32503), (226, 32542), (235, 32575), (249, 32656), (266, 32749), (272, 32785), (275, 32794), (278, 32800), (331, 33025),

Gene: Mikota_33 Start: 32355, Stop: 33515, Start Num: 28

Candidate Starts for Mikota_33:

(Start: 28 @32355 has 361 MA's), (Start: 52 @32466 has 1 MA's), (62, 32511), (89, 32610), (105, 32670), (117, 32706), (127, 32730), (143, 32775), (145, 32781), (164, 32832), (180, 32871), (181, 32874), (186, 32886), (192, 32901), (226, 32925), (235, 32958), (249, 33039), (258, 33084), (266, 33132), (272, 33168), (275, 33177), (278, 33183), (331, 33408),

Gene: MilanaBonita_20 Start: 20281, Stop: 21492, Start Num: 43

Candidate Starts for MilanaBonita_20:

(Start: 43 @20281 has 46 MA's), (48, 20305), (60, 20362), (Start: 71 @20410 has 1 MA's), (88, 20470), (91, 20479), (95, 20494), (101, 20518), (108, 20542), (111, 20554), (123, 20590), (138, 20629), (140, 20638), (149, 20662), (158, 20692), (191, 20776), (193, 20779), (199, 20800), (203, 20836), (204, 20839), (213, 20860), (230, 20902), (249, 21019), (255, 21055), (257, 21061), (278,

21166), (292, 21247),

Gene: MiniBoss_33 Start: 32361, Stop: 33521, Start Num: 28

Candidate Starts for MiniBoss_33:

(Start: 28 @32361 has 361 MA's), (Start: 52 @32472 has 1 MA's), (62, 32517), (89, 32616), (105, 32676), (117, 32712), (127, 32736), (143, 32781), (145, 32787), (164, 32838), (180, 32877), (181, 32880), (186, 32892), (192, 32907), (226, 32931), (235, 32964), (249, 33045), (258, 33090), (266, 33138), (272, 33174), (275, 33183), (278, 33189), (331, 33414),

Gene: MiniLon_22 Start: 22045, Stop: 23244, Start Num: 30

Candidate Starts for MiniLon_22:

(Start: 30 @22045 has 34 MA's), (32, 22072), (54, 22159), (58, 22177), (61, 22186), (69, 22225), (83, 22276), (84, 22279), (97, 22321), (104, 22351), (106, 22357), (109, 22363), (125, 22405), (170, 22525), (174, 22537), (177, 22543), (234, 22681), (249, 22774), (254, 22810), (265, 22864), (268, 22882), (311, 23074), (336, 23182),

Gene: MiniMac_22 Start: 22046, Stop: 23245, Start Num: 30

Candidate Starts for MiniMac_22:

(Start: 30 @22046 has 34 MA's), (32, 22073), (54, 22160), (58, 22178), (69, 22226), (83, 22277), (84, 22280), (97, 22322), (104, 22352), (106, 22358), (109, 22364), (125, 22406), (170, 22526), (174, 22538), (177, 22544), (234, 22682), (249, 22775), (254, 22811), (265, 22865), (268, 22883), (311, 23075), (336, 23183),

Gene: MitKao_33 Start: 32076, Stop: 33236, Start Num: 28

Candidate Starts for MitKao_33:

(Start: 28 @32076 has 361 MA's), (Start: 52 @32187 has 1 MA's), (62, 32232), (89, 32331), (105, 32391), (117, 32427), (127, 32451), (143, 32496), (145, 32502), (164, 32553), (180, 32592), (181, 32595), (186, 32607), (226, 32646), (235, 32679), (249, 32760), (266, 32853), (272, 32889), (275, 32898), (278, 32904), (331, 33129),

Gene: Mithril_30 Start: 32620, Stop: 33777, Start Num: 28

Candidate Starts for Mithril_30:

(Start: 28 @32620 has 361 MA's), (49, 32713), (Start: 52 @32728 has 1 MA's), (55, 32743), (58, 32755), (62, 32773), (73, 32815), (100, 32914), (102, 32923), (109, 32941), (117, 32968), (125, 32983), (126, 32989), (127, 32995), (129, 33001), (140, 33028), (143, 33037), (155, 33070), (168, 33103), (192, 33163), (233, 33193), (234, 33199), (242, 33244), (250, 33298), (251, 33301), (278, 33445), (310, 33598),

Gene: MmasiCarm_33 Start: 32205, Stop: 33407, Start Num: 28

Candidate Starts for MmasiCarm_33:

(Start: 28 @32205 has 361 MA's), (35, 32238), (68, 32382), (70, 32391), (73, 32400), (83, 32439), (87, 32448), (93, 32466), (105, 32517), (109, 32526), (112, 32538), (114, 32544), (117, 32553), (136, 32598), (140, 32613), (156, 32658), (184, 32727), (189, 32742), (195, 32754), (208, 32778), (227, 32826), (229, 32832), (233, 32838), (234, 32844), (237, 32868), (251, 32943), (254, 32973), (266, 33033), (268, 33045), (270, 33063), (292, 33165), (319, 33270), (321, 33276), (324, 33294), (340, 33381),

Gene: Moostard_22 Start: 22250, Stop: 23467, Start Num: 30

Candidate Starts for Moostard_22:

(Start: 30 @22250 has 34 MA's), (51, 22352), (54, 22364), (58, 22382), (61, 22391), (69, 22430), (79, 22466), (83, 22481), (85, 22487), (94, 22517), (95, 22520), (104, 22556), (109, 22568), (127, 22619), (128, 22622), (150, 22682), (159, 22709), (165, 22724), (170, 22730), (174, 22742), (204, 22802), (214, 22826), (234, 22886), (250, 22982), (254, 23015), (268, 23087), (272, 23111), (278, 23126),

(327, 23339), (329, 23351),

Gene: Morgushi_33 Start: 32077, Stop: 33237, Start Num: 28

Candidate Starts for Morgushi_33:

(Start: 28 @32077 has 361 MA's), (Start: 52 @32188 has 1 MA's), (62, 32233), (89, 32332), (105, 32392), (117, 32428), (127, 32452), (143, 32497), (145, 32503), (164, 32554), (180, 32593), (181, 32596), (186, 32608), (226, 32647), (235, 32680), (249, 32761), (258, 32806), (266, 32854), (272, 32890), (275, 32899), (278, 32905), (331, 33130),

Gene: Mortcellus_32 Start: 32857, Stop: 34059, Start Num: 28

Candidate Starts for Mortcellus_32:

(Start: 28 @32857 has 361 MA's), (35, 32890), (68, 33034), (70, 33043), (73, 33052), (83, 33091), (87, 33100), (93, 33118), (97, 33136), (101, 33154), (102, 33160), (106, 33172), (117, 33205), (136, 33250), (140, 33265), (156, 33310), (188, 33391), (197, 33418), (212, 33436), (219, 33454), (234, 33496), (237, 33520), (251, 33595), (254, 33625), (266, 33685), (268, 33697), (270, 33715), (292, 33817), (319, 33922), (321, 33928), (324, 33946), (340, 34033),

Gene: Morty_33 Start: 32377, Stop: 33537, Start Num: 28

Candidate Starts for Morty_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: Morty007_33 Start: 33001, Stop: 34203, Start Num: 28

Candidate Starts for Morty007_33:

(Start: 28 @33001 has 361 MA's), (35, 33034), (68, 33178), (70, 33187), (73, 33196), (83, 33235), (87, 33244), (93, 33262), (97, 33280), (101, 33298), (102, 33304), (106, 33316), (112, 33334), (117, 33349), (130, 33382), (140, 33409), (156, 33454), (188, 33535), (197, 33562), (212, 33580), (219, 33598), (234, 33640), (237, 33664), (251, 33739), (254, 33769), (266, 33829), (268, 33841), (270, 33859), (292, 33961), (319, 34066), (321, 34072), (324, 34090), (340, 34177),

Gene: Mosaic_32 Start: 32082, Stop: 33242, Start Num: 28

Candidate Starts for Mosaic_32:

(Start: 28 @32082 has 361 MA's), (Start: 52 @32193 has 1 MA's), (62, 32238), (89, 32337), (105, 32397), (117, 32433), (127, 32457), (143, 32502), (145, 32508), (164, 32559), (180, 32598), (181, 32601), (186, 32613), (226, 32652), (235, 32685), (249, 32766), (266, 32859), (272, 32895), (275, 32904), (278, 32910), (331, 33135),

Gene: MrPhizzler_32 Start: 32085, Stop: 33245, Start Num: 28

Candidate Starts for MrPhizzler_32:

(Start: 28 @32085 has 361 MA's), (Start: 52 @32196 has 1 MA's), (62, 32241), (89, 32340), (105, 32400), (117, 32436), (127, 32460), (143, 32505), (145, 32511), (164, 32562), (180, 32601), (181, 32604), (186, 32616), (192, 32631), (226, 32655), (235, 32688), (249, 32769), (258, 32814), (266, 32862), (272, 32898), (275, 32907), (278, 32913), (331, 33138),

Gene: Ms6_19 Start: 19730, Stop: 20884, Start Num: 43

Candidate Starts for Ms6_19:

(12, 19493), (14, 19535), (15, 19565), (17, 19595), (29, 19655), (39, 19709), (Start: 43 @19730 has 46 MA's), (60, 19811), (Start: 71 @19859 has 1 MA's), (88, 19919), (91, 19928), (95, 19943), (101, 19967), (108, 19991), (111, 20003), (138, 20078), (140, 20087), (149, 20111), (158, 20141), (203, 20225), (204, 20228), (213, 20249), (249, 20408), (264, 20498), (266, 20507), (270, 20537), (278, 20558), (341, 20861),

Gene: MsGreen_22 Start: 22247, Stop: 23464, Start Num: 30

Candidate Starts for MsGreen_22:

(Start: 30 @22247 has 34 MA's), (51, 22349), (54, 22361), (58, 22379), (61, 22388), (69, 22427), (79, 22463), (83, 22478), (85, 22484), (94, 22514), (95, 22517), (104, 22553), (109, 22565), (127, 22616), (128, 22619), (150, 22679), (159, 22706), (165, 22721), (170, 22727), (174, 22739), (204, 22799), (214, 22823), (234, 22883), (250, 22979), (254, 23012), (268, 23084), (272, 23108), (327, 23336), (329, 23348),

Gene: Mudslide_30 Start: 32852, Stop: 34009, Start Num: 28

Candidate Starts for Mudslide_30:

(Start: 28 @32852 has 361 MA's), (49, 32945), (Start: 52 @32960 has 1 MA's), (55, 32975), (58, 32987), (62, 33005), (73, 33047), (86, 33095), (100, 33146), (102, 33155), (109, 33173), (117, 33200), (125, 33215), (126, 33221), (127, 33227), (129, 33233), (140, 33260), (143, 33269), (155, 33302), (168, 33335), (233, 33425), (234, 33431), (242, 33476), (250, 33530), (251, 33533), (278, 33677), (310, 33830),

Gene: Mulan_32 Start: 32094, Stop: 33254, Start Num: 28

Candidate Starts for Mulan_32:

(Start: 28 @32094 has 361 MA's), (Start: 52 @32205 has 1 MA's), (62, 32250), (89, 32349), (105, 32409), (117, 32445), (127, 32469), (143, 32514), (145, 32520), (164, 32571), (180, 32610), (181, 32613), (186, 32625), (226, 32664), (235, 32697), (249, 32778), (258, 32823), (266, 32871), (272, 32907), (275, 32916), (278, 32922), (331, 33147),

Gene: Murdoc_33 Start: 32369, Stop: 33529, Start Num: 28

Candidate Starts for Murdoc_33:

(Start: 28 @32369 has 361 MA's), (Start: 52 @32480 has 1 MA's), (62, 32525), (89, 32624), (105, 32684), (117, 32720), (127, 32744), (143, 32789), (145, 32795), (164, 32846), (180, 32885), (181, 32888), (186, 32900), (192, 32915), (226, 32939), (235, 32972), (249, 33053), (258, 33098), (266, 33146), (272, 33182), (275, 33191), (278, 33197), (331, 33422),

Gene: Mutante_32 Start: 32076, Stop: 33236, Start Num: 28

Candidate Starts for Mutante_32:

(Start: 28 @32076 has 361 MA's), (Start: 52 @32187 has 1 MA's), (62, 32232), (89, 32331), (105, 32391), (117, 32427), (127, 32451), (143, 32496), (145, 32502), (164, 32553), (180, 32592), (181, 32595), (186, 32607), (192, 32622), (226, 32646), (235, 32679), (249, 32760), (258, 32805), (266, 32853), (272, 32889), (275, 32898), (278, 32904), (331, 33129),

Gene: Nacho_0033 Start: 32371, Stop: 33531, Start Num: 28

Candidate Starts for Nacho_0033:

(Start: 28 @32371 has 361 MA's), (Start: 52 @32482 has 1 MA's), (62, 32527), (89, 32626), (105, 32686), (117, 32722), (127, 32746), (143, 32791), (145, 32797), (164, 32848), (180, 32887), (181, 32890), (186, 32902), (192, 32917), (226, 32941), (235, 32974), (249, 33055), (258, 33100), (266, 33148), (272, 33184), (275, 33193), (278, 33199), (331, 33424),

Gene: Nanao_29 Start: 31577, Stop: 32734, Start Num: 28

Candidate Starts for Nanao_29:

(Start: 28 @31577 has 361 MA's), (49, 31670), (Start: 52 @31685 has 1 MA's), (55, 31700), (58, 31712), (62, 31730), (86, 31820), (100, 31871), (102, 31880), (104, 31886), (109, 31898), (117, 31925), (125, 31940), (126, 31946), (127, 31952), (140, 31985), (143, 31994), (155, 32027), (168, 32060), (233, 32150), (234, 32156), (250, 32255), (251, 32258), (278, 32402), (310, 32555),

Gene: Nanosmite_35 Start: 27723, Stop: 28895, Start Num: 30

Candidate Starts for Nanosmite_35:

(25, 27717), (Start: 30 @27723 has 34 MA's), (51, 27828), (Start: 52 @27831 has 1 MA's), (58, 27858), (93, 27984), (106, 28038), (109, 28044), (110, 28053), (134, 28113), (145, 28146), (156, 28176), (158, 28182), (214, 28242), (230, 28284), (277, 28539), (285, 28593), (308, 28689), (316, 28716), (318, 28722),

Gene: Nazo_22 Start: 21497, Stop: 22546, Start Num: 43

Candidate Starts for Nazo_22:

(Start: 43 @21497 has 46 MA's), (47, 21518), (80, 21659), (90, 21689), (96, 21710), (120, 21773), (137, 21812), (234, 21971), (255, 22103), (272, 22199), (334, 22484),

Gene: Nenae_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for Nenae_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (55, 19940), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (176, 20333), (178, 20336), (180, 20342), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Neos5_33 Start: 33020, Stop: 34222, Start Num: 28

Candidate Starts for Neos5_33:

(Start: 28 @33020 has 361 MA's), (35, 33053), (68, 33197), (70, 33206), (73, 33215), (83, 33254), (87, 33263), (93, 33281), (97, 33299), (101, 33317), (102, 33323), (106, 33335), (112, 33353), (117, 33368), (130, 33401), (140, 33428), (156, 33473), (188, 33554), (197, 33581), (212, 33599), (219, 33617), (234, 33659), (237, 33683), (251, 33758), (254, 33788), (266, 33848), (268, 33860), (270, 33878), (292, 33980), (319, 34085), (321, 34091), (324, 34109), (340, 34196),

Gene: Newman_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for Newman_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (89, 32623), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (192, 32914), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266, 33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Nicholas_22 Start: 22247, Stop: 23464, Start Num: 30

Candidate Starts for Nicholas_22:

(Start: 30 @22247 has 34 MA's), (51, 22349), (54, 22361), (58, 22379), (61, 22388), (69, 22427), (79, 22463), (83, 22478), (85, 22484), (94, 22514), (95, 22517), (104, 22553), (109, 22565), (127, 22616), (128, 22619), (150, 22679), (159, 22706), (165, 22721), (170, 22727), (174, 22739), (204, 22799), (214, 22823), (234, 22883), (250, 22979), (254, 23012), (268, 23084), (272, 23108), (327, 23336), (329, 23348),

Gene: Nicole21_33 Start: 32366, Stop: 33526, Start Num: 28

Candidate Starts for Nicole21_33:

(Start: 28 @32366 has 361 MA's), (Start: 52 @32477 has 1 MA's), (62, 32522), (89, 32621), (105, 32681), (117, 32717), (127, 32741), (143, 32786), (145, 32792), (164, 32843), (180, 32882), (181, 32885), (186, 32897), (192, 32912), (226, 32936), (235, 32969), (249, 33050), (258, 33095), (266, 33143), (272, 33179), (275, 33188), (278, 33194), (331, 33419),

Gene: Nigel_28 Start: 31491, Stop: 32651, Start Num: 28

Candidate Starts for Nigel_28:

(7, 30987), (Start: 28 @31491 has 361 MA's), (32, 31518), (Start: 52 @31602 has 1 MA's), (55, 31617), (58, 31629), (62, 31647), (100, 31788), (102, 31797), (109, 31815), (117, 31842), (125,

31857), (126, 31863), (127, 31869), (136, 31887), (140, 31902), (143, 31911), (155, 31944), (168, 31977), (172, 31989), (175, 31995), (233, 32067), (234, 32073), (248, 32163), (250, 32172), (278, 32319), (310, 32472),

Gene: Nozo_33 Start: 32981, Stop: 34183, Start Num: 28

Candidate Starts for Nozo_33:

(Start: 28 @32981 has 361 MA's), (35, 33014), (68, 33158), (70, 33167), (73, 33176), (83, 33215), (87, 33224), (93, 33242), (97, 33260), (101, 33278), (102, 33284), (106, 33296), (112, 33314), (117, 33329), (130, 33362), (140, 33389), (156, 33434), (188, 33515), (197, 33542), (212, 33560), (219, 33578), (234, 33620), (237, 33644), (251, 33719), (254, 33749), (266, 33809), (268, 33821), (270, 33839), (292, 33941), (319, 34046), (321, 34052), (324, 34070), (340, 34157),

Gene: Numberten_33 Start: 32375, Stop: 33535, Start Num: 28

Candidate Starts for Numberten_33:

(Start: 28 @32375 has 361 MA's), (Start: 52 @32486 has 1 MA's), (62, 32531), (89, 32630), (105, 32690), (117, 32726), (127, 32750), (143, 32795), (145, 32801), (164, 32852), (180, 32891), (181, 32894), (186, 32906), (226, 32945), (235, 32978), (249, 33059), (258, 33104), (266, 33152), (272, 33188), (275, 33197), (278, 33203), (331, 33428),

Gene: Nyala_32 Start: 32068, Stop: 33228, Start Num: 28

Candidate Starts for Nyala_32:

(Start: 28 @32068 has 361 MA's), (Start: 52 @32179 has 1 MA's), (62, 32224), (89, 32323), (105, 32383), (117, 32419), (127, 32443), (143, 32488), (145, 32494), (164, 32545), (180, 32584), (181, 32587), (186, 32599), (192, 32614), (226, 32638), (235, 32671), (249, 32752), (258, 32797), (266, 32845), (272, 32881), (275, 32890), (278, 32896), (331, 33121),

Gene: OSmaximus_33 Start: 32410, Stop: 33570, Start Num: 28

Candidate Starts for OSmaximus_33:

(Start: 28 @32410 has 361 MA's), (Start: 52 @32521 has 1 MA's), (62, 32566), (89, 32665), (105, 32725), (117, 32761), (127, 32785), (143, 32830), (145, 32836), (164, 32887), (180, 32926), (181, 32929), (186, 32941), (192, 32956), (226, 32980), (235, 33013), (249, 33094), (258, 33139), (266, 33187), (272, 33223), (275, 33232), (278, 33238), (331, 33463),

Gene: Obutu_33 Start: 32205, Stop: 33407, Start Num: 28

Candidate Starts for Obutu_33:

(Start: 28 @32205 has 361 MA's), (35, 32238), (68, 32382), (70, 32391), (73, 32400), (83, 32439), (87, 32448), (93, 32466), (105, 32517), (109, 32526), (112, 32538), (114, 32544), (117, 32553), (136, 32598), (140, 32613), (156, 32658), (184, 32727), (189, 32742), (195, 32754), (208, 32778), (227, 32826), (229, 32832), (233, 32838), (234, 32844), (237, 32868), (251, 32943), (254, 32973), (266, 33033), (268, 33045), (270, 33063), (291, 33162), (292, 33165), (319, 33270), (321, 33276), (324, 33294), (340, 33381),

Gene: OhShagHennessy_21 Start: 21653, Stop: 22825, Start Num: 30

Candidate Starts for OhShagHennessy_21:

(Start: 27 @21650 has 5 MA's), (Start: 30 @21653 has 34 MA's), (56, 21779), (66, 21821), (69, 21833), (70, 21836), (79, 21869), (82, 21881), (97, 21929), (101, 21947), (112, 21983), (117, 21998), (138, 22049), (148, 22079), (163, 22121), (175, 22145), (218, 22181), (221, 22187), (230, 22214), (234, 22232), (251, 22325), (252, 22328), (265, 22412), (293, 22550), (298, 22568), (319, 22652),

Gene: Olak_32 Start: 32072, Stop: 33232, Start Num: 28

Candidate Starts for Olak_32:

(Start: 28 @32072 has 361 MA's), (Start: 52 @32183 has 1 MA's), (62, 32228), (89, 32327), (105, 32387), (117, 32423), (127, 32447), (143, 32492), (145, 32498), (164, 32549), (180, 32588), (181,

32591), (186, 32603), (192, 32618), (226, 32642), (235, 32675), (249, 32756), (258, 32801), (266, 32849), (272, 32885), (275, 32894), (278, 32900), (331, 33125),

Gene: Oline_32 Start: 31937, Stop: 33097, Start Num: 28

Candidate Starts for Oline_32:

(Start: 28 @31937 has 361 MA's), (Start: 52 @32048 has 1 MA's), (62, 32093), (89, 32192), (105, 32252), (117, 32288), (127, 32312), (143, 32357), (145, 32363), (164, 32414), (180, 32453), (181, 32456), (186, 32468), (226, 32507), (235, 32540), (249, 32621), (266, 32714), (272, 32750), (275, 32759), (278, 32765), (331, 32990),

Gene: Olive_33 Start: 32358, Stop: 33518, Start Num: 28

Candidate Starts for Olive_33:

(Start: 28 @32358 has 361 MA's), (Start: 52 @32469 has 1 MA's), (62, 32514), (89, 32613), (105, 32673), (117, 32709), (127, 32733), (143, 32778), (145, 32784), (164, 32835), (180, 32874), (181, 32877), (186, 32889), (226, 32928), (235, 32961), (249, 33042), (258, 33087), (266, 33135), (272, 33171), (275, 33180), (278, 33186), (331, 33411),

Gene: OliverWalter_33 Start: 32380, Stop: 33540, Start Num: 28

Candidate Starts for OliverWalter_33:

(Start: 28 @32380 has 361 MA's), (Start: 52 @32491 has 1 MA's), (62, 32536), (89, 32635), (105, 32695), (117, 32731), (127, 32755), (143, 32800), (145, 32806), (164, 32857), (180, 32896), (181, 32899), (186, 32911), (192, 32926), (226, 32950), (235, 32983), (249, 33064), (258, 33109), (266, 33157), (272, 33193), (275, 33202), (278, 33208), (331, 33433),

Gene: Omniscient_33 Start: 32377, Stop: 33537, Start Num: 28

Candidate Starts for Omniscient_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (192, 32923), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: Oosterbaan_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for Oosterbaan_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (89, 32623), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (192, 32914), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266, 33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Opia_33 Start: 32684, Stop: 33847, Start Num: 28

Candidate Starts for Opia_33:

(11, 32537), (Start: 23 @32678 has 11 MA's), (Start: 28 @32684 has 361 MA's), (36, 32723), (Start: 41 @32753 has 4 MA's), (Start: 52 @32798 has 1 MA's), (62, 32843), (89, 32942), (105, 33002), (117, 33038), (127, 33062), (143, 33107), (145, 33113), (164, 33164), (180, 33203), (181, 33206), (186, 33218), (192, 33233), (226, 33257), (235, 33290), (249, 33371), (266, 33464), (272, 33500), (275, 33509), (278, 33515), (331, 33740),

Gene: OrangeOswald_33 Start: 32222, Stop: 33424, Start Num: 28

Candidate Starts for OrangeOswald_33:

(Start: 28 @32222 has 361 MA's), (35, 32255), (68, 32399), (70, 32408), (73, 32417), (83, 32456), (87, 32465), (93, 32483), (97, 32501), (101, 32519), (102, 32525), (106, 32537), (112, 32555), (117, 32570), (130, 32603), (140, 32630), (156, 32675), (188, 32756), (197, 32783), (212, 32801), (219, 32819), (234, 32861), (237, 32885), (251, 32960), (254, 32990), (266, 33050), (268, 33062), (270, 33080), (292, 33182), (319, 33287), (321, 33293), (324, 33311), (340, 33398),

Gene: Orfeu_32 Start: 32076, Stop: 33236, Start Num: 28

Candidate Starts for Orfeu_32:

(Start: 28 @32076 has 361 MA's), (Start: 52 @32187 has 1 MA's), (62, 32232), (89, 32331), (105, 32391), (117, 32427), (127, 32451), (143, 32496), (145, 32502), (164, 32553), (180, 32592), (181, 32595), (186, 32607), (192, 32622), (226, 32646), (235, 32679), (249, 32760), (258, 32805), (266, 32853), (272, 32889), (275, 32898), (278, 32904), (331, 33129),

Gene: Orion_33 Start: 32366, Stop: 33526, Start Num: 28

Candidate Starts for Orion_33:

(Start: 28 @32366 has 361 MA's), (Start: 52 @32477 has 1 MA's), (62, 32522), (89, 32621), (105, 32681), (117, 32717), (127, 32741), (143, 32786), (145, 32792), (164, 32843), (180, 32882), (181, 32885), (186, 32897), (192, 32912), (226, 32936), (235, 32969), (249, 33050), (258, 33095), (266, 33143), (272, 33179), (275, 33188), (278, 33194), (331, 33419),

Gene: Orwigg_33 Start: 32064, Stop: 33224, Start Num: 28

Candidate Starts for Orwigg_33:

(Start: 28 @32064 has 361 MA's), (Start: 52 @32175 has 1 MA's), (62, 32220), (89, 32319), (105, 32379), (117, 32415), (127, 32439), (143, 32484), (145, 32490), (164, 32541), (180, 32580), (181, 32583), (186, 32595), (192, 32610), (226, 32634), (235, 32667), (249, 32748), (258, 32793), (266, 32841), (272, 32877), (275, 32886), (278, 32892), (331, 33117),

Gene: P3MA_25 Start: 20906, Stop: 22060, Start Num: 30

Candidate Starts for P3MA_25:

(Start: 30 @20906 has 34 MA's), (58, 21038), (59, 21041), (69, 21086), (70, 21089), (73, 21098), (79, 21122), (90, 21158), (91, 21161), (93, 21164), (109, 21224), (117, 21251), (130, 21284), (138, 21302), (175, 21398), (206, 21404), (213, 21419), (230, 21464), (246, 21554), (248, 21572), (280, 21728), (289, 21794), (337, 21992),

Gene: PG1_33 Start: 32379, Stop: 33539, Start Num: 28

Candidate Starts for PG1_33:

(Start: 28 @32379 has 361 MA's), (Start: 52 @32490 has 1 MA's), (62, 32535), (89, 32634), (105, 32694), (117, 32730), (127, 32754), (143, 32799), (145, 32805), (164, 32856), (180, 32895), (181, 32898), (186, 32910), (192, 32925), (226, 32949), (235, 32982), (249, 33063), (258, 33108), (266, 33156), (272, 33192), (275, 33201), (278, 33207), (331, 33432),

Gene: PR_25 Start: 29919, Stop: 31133, Start Num: 23

Candidate Starts for PR_25:

(Start: 23 @29919 has 11 MA's), (Start: 28 @29925 has 361 MA's), (36, 29964), (Start: 52 @30039 has 1 MA's), (53, 30042), (61, 30075), (64, 30096), (68, 30108), (69, 30114), (73, 30126), (83, 30165), (84, 30168), (105, 30243), (112, 30264), (140, 30339), (156, 30384), (168, 30414), (186, 30459), (189, 30468), (192, 30474), (195, 30480), (208, 30504), (225, 30549), (234, 30570), (237, 30594), (251, 30669), (254, 30699), (266, 30759), (268, 30771), (270, 30789), (291, 30888), (292, 30891), (319, 30996), (321, 31002), (332, 31068), (338, 31071), (340, 31107),

Gene: PYPDinur_21 Start: 21427, Stop: 22581, Start Num: 30

Candidate Starts for PYPDinur_21:

(Start: 30 @21427 has 34 MA's), (51, 21529), (54, 21541), (70, 21610), (97, 21703), (112, 21757), (125, 21787), (127, 21796), (141, 21835), (158, 21883), (170, 21907), (174, 21919), (214, 21943), (234, 22003), (239, 22033), (261, 22150), (264, 22186), (266, 22195), (279, 22252), (284, 22291),

Gene: Pacifista_32 Start: 32070, Stop: 33230, Start Num: 28

Candidate Starts for Pacifista_32:

(Start: 28 @32070 has 361 MA's), (Start: 52 @32181 has 1 MA's), (62, 32226), (89, 32325), (105, 32385), (117, 32421), (127, 32445), (143, 32490), (145, 32496), (164, 32547), (180, 32586), (181, 32589), (186, 32601), (192, 32616), (226, 32640), (235, 32673), (249, 32754), (258, 32799), (266, 32847), (272, 32883), (275, 32892), (278, 32898), (331, 33123),

Gene: PegLeg_31 Start: 26991, Stop: 28046, Start Num: 43

Candidate Starts for PegLeg_31:

(Start: 43 @26991 has 46 MA's), (96, 27204), (108, 27240), (136, 27303), (168, 27375), (203, 27405), (210, 27426), (233, 27462), (239, 27498), (247, 27546), (249, 27567), (251, 27573), (255, 27603), (256, 27606), (264, 27654), (303, 27843), (312, 27864), (325, 27918),

Gene: PenguinLover67_33 Start: 33434, Stop: 34648, Start Num: 24

Candidate Starts for PenguinLover67_33:

(Start: 24 @33434 has 8 MA's), (56, 33572), (Start: 71 @33632 has 1 MA's), (83, 33680), (84, 33683), (95, 33719), (100, 33740), (112, 33779), (121, 33803), (137, 33842), (151, 33881), (157, 33902), (164, 33920), (165, 33923), (250, 34136), (251, 34139), (260, 34184), (314, 34478),

Gene: Phaedrus_31 Start: 32138, Stop: 33340, Start Num: 28

Candidate Starts for Phaedrus_31:

(Start: 28 @32138 has 361 MA's), (35, 32171), (68, 32315), (70, 32324), (73, 32333), (83, 32372), (87, 32381), (93, 32399), (97, 32417), (101, 32435), (102, 32441), (106, 32453), (112, 32471), (117, 32486), (130, 32519), (140, 32546), (156, 32591), (188, 32672), (197, 32699), (212, 32717), (219, 32735), (234, 32777), (254, 32906), (270, 32996), (292, 33098), (304, 33155), (307, 33164), (319, 33203), (332, 33275), (341, 33317),

Gene: Phamished_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Phamished_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: PhancyPhin_21 Start: 19874, Stop: 21028, Start Num: 43

Candidate Starts for PhancyPhin_21:

(12, 19637), (14, 19679), (15, 19709), (17, 19739), (29, 19799), (39, 19853), (Start: 43 @19874 has 46 MA's), (55, 19937), (60, 19955), (Start: 71 @20003 has 1 MA's), (88, 20063), (91, 20072), (95, 20087), (101, 20111), (108, 20135), (111, 20147), (138, 20222), (140, 20231), (149, 20255), (158, 20285), (176, 20330), (178, 20333), (180, 20339), (203, 20369), (204, 20372), (213, 20393), (249, 20552), (264, 20642), (266, 20651), (270, 20681), (278, 20702), (341, 21005),

Gene: Phantasmagoria_33 Start: 32695, Stop: 33858, Start Num: 28

Candidate Starts for Phantasmagoria_33:

(Start: 23 @32689 has 11 MA's), (Start: 28 @32695 has 361 MA's), (36, 32734), (Start: 41 @32764 has 4 MA's), (Start: 52 @32809 has 1 MA's), (62, 32854), (89, 32953), (105, 33013), (117, 33049), (127, 33073), (143, 33118), (145, 33124), (164, 33175), (180, 33214), (181, 33217), (186, 33229), (192, 33244), (226, 33268), (235, 33301), (249, 33382), (258, 33427), (266, 33475), (272, 33511), (275, 33520), (278, 33526), (331, 33751),

Gene: Phareon_33 Start: 32078, Stop: 33238, Start Num: 28

Candidate Starts for Phareon_33:

(Start: 28 @32078 has 361 MA's), (Start: 52 @32189 has 1 MA's), (62, 32234), (89, 32333), (105, 32393), (117, 32429), (127, 32453), (143, 32498), (145, 32504), (164, 32555), (180, 32594), (181, 32597), (186, 32609), (192, 32624), (226, 32648), (235, 32681), (249, 32762), (258, 32807), (266,

32855), (272, 32891), (275, 32900), (278, 32906), (331, 33131),

Gene: PhatCats2014_33 Start: 32383, Stop: 33543, Start Num: 28

Candidate Starts for PhatCats2014_33:

(Start: 28 @32383 has 361 MA's), (Start: 52 @32494 has 1 MA's), (62, 32539), (89, 32638), (105, 32698), (117, 32734), (127, 32758), (143, 32803), (145, 32809), (164, 32860), (180, 32899), (181, 32902), (186, 32914), (192, 32929), (226, 32953), (235, 32986), (249, 33067), (258, 33112), (266, 33160), (272, 33196), (275, 33205), (278, 33211), (331, 33436),

Gene: PhatLouie_33 Start: 32372, Stop: 33532, Start Num: 28

Candidate Starts for PhatLouie_33:

(Start: 28 @32372 has 361 MA's), (Start: 52 @32483 has 1 MA's), (62, 32528), (89, 32627), (105, 32687), (117, 32723), (127, 32747), (143, 32792), (145, 32798), (164, 32849), (180, 32888), (181, 32891), (186, 32903), (226, 32942), (235, 32975), (249, 33056), (266, 33149), (272, 33185), (275, 33194), (278, 33200), (331, 33425),

Gene: Phayonce_22 Start: 21448, Stop: 22485, Start Num: 43

Candidate Starts for Phayonce_22:

(Start: 43 @21448 has 46 MA's), (80, 21610), (96, 21661), (108, 21697), (120, 21724), (140, 21772), (168, 21829), (205, 21865), (249, 22018), (255, 22054), (268, 22126), (296, 22261), (312, 22315), (331, 22393),

Gene: PhenghisKhan_32 Start: 31978, Stop: 33138, Start Num: 28

Candidate Starts for PhenghisKhan_32:

(Start: 28 @31978 has 361 MA's), (Start: 52 @32089 has 1 MA's), (62, 32134), (89, 32233), (105, 32293), (117, 32329), (127, 32353), (143, 32398), (145, 32404), (164, 32455), (180, 32494), (181, 32497), (186, 32509), (226, 32548), (235, 32581), (249, 32662), (266, 32755), (272, 32791), (275, 32800), (278, 32806), (331, 33031),

Gene: Pherdinand_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Pherdinand_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: Phergie_32 Start: 31969, Stop: 33129, Start Num: 28

Candidate Starts for Phergie_32:

(Start: 28 @31969 has 361 MA's), (Start: 52 @32080 has 1 MA's), (62, 32125), (89, 32224), (105, 32284), (117, 32320), (127, 32344), (143, 32389), (145, 32395), (164, 32446), (180, 32485), (181, 32488), (186, 32500), (226, 32539), (235, 32572), (249, 32653), (266, 32746), (272, 32782), (275, 32791), (278, 32797), (331, 33022),

Gene: Philly_32 Start: 32073, Stop: 33275, Start Num: 28

Candidate Starts for Philly_32:

(Start: 28 @32073 has 361 MA's), (68, 32250), (70, 32259), (73, 32268), (83, 32307), (87, 32316), (93, 32334), (97, 32352), (101, 32370), (102, 32376), (106, 32388), (112, 32406), (117, 32421), (130, 32454), (140, 32481), (156, 32526), (188, 32607), (197, 32634), (212, 32652), (219, 32670), (234, 32712), (237, 32736), (251, 32811), (254, 32841), (266, 32901), (268, 32913), (270, 32931), (292, 33033), (319, 33138), (321, 33144), (324, 33162), (340, 33249),

Gene: Phipps_33 Start: 32345, Stop: 33505, Start Num: 28

Candidate Starts for Phipps_33:

(Start: 28 @32345 has 361 MA's), (Start: 52 @32456 has 1 MA's), (62, 32501), (89, 32600), (105, 32660), (117, 32696), (127, 32720), (143, 32765), (145, 32771), (164, 32822), (180, 32861), (181, 32864), (186, 32876), (226, 32915), (235, 32948), (249, 33029), (258, 33074), (266, 33122), (272, 33158), (275, 33167), (278, 33173), (331, 33398),

Gene: Phleuron_32 Start: 31975, Stop: 33135, Start Num: 28

Candidate Starts for Phleuron_32:

(Start: 28 @31975 has 361 MA's), (Start: 52 @32086 has 1 MA's), (62, 32131), (89, 32230), (105, 32290), (117, 32326), (127, 32350), (143, 32395), (145, 32401), (164, 32452), (180, 32491), (181, 32494), (186, 32506), (226, 32545), (235, 32578), (249, 32659), (258, 32704), (266, 32752), (272, 32788), (275, 32797), (278, 32803), (331, 33028),

Gene: Phloss_21 Start: 20203, Stop: 21360, Start Num: 42

Candidate Starts for Phloss_21:

(Start: 42 @20203 has 3 MA's), (60, 20284), (Start: 71 @20332 has 1 MA's), (88, 20392), (91, 20401), (95, 20416), (101, 20440), (108, 20464), (111, 20476), (131, 20536), (138, 20551), (140, 20560), (149, 20584), (154, 20599), (158, 20614), (203, 20698), (204, 20701), (213, 20722), (222, 20743), (224, 20752), (230, 20764), (232, 20773), (278, 21034), (287, 21103), (341, 21337),

Gene: Phlyer_33 Start: 32957, Stop: 34159, Start Num: 28

Candidate Starts for Phlyer_33:

(Start: 28 @32957 has 361 MA's), (35, 32990), (68, 33134), (70, 33143), (73, 33152), (83, 33191), (87, 33200), (93, 33218), (97, 33236), (101, 33254), (102, 33260), (106, 33272), (112, 33290), (117, 33305), (130, 33338), (140, 33365), (156, 33410), (188, 33491), (197, 33518), (212, 33536), (219, 33554), (234, 33596), (254, 33725), (270, 33815), (292, 33917), (304, 33974), (307, 33983), (319, 34022), (332, 34094), (341, 34136),

Gene: PhrankReynolds_32 Start: 31975, Stop: 33135, Start Num: 28

Candidate Starts for PhrankReynolds_32:

(Start: 28 @31975 has 361 MA's), (Start: 52 @32086 has 1 MA's), (62, 32131), (89, 32230), (105, 32290), (117, 32326), (127, 32350), (143, 32395), (145, 32401), (164, 32452), (180, 32491), (181, 32494), (186, 32506), (226, 32545), (235, 32578), (249, 32659), (266, 32752), (272, 32788), (275, 32797), (278, 32803), (331, 33028),

Gene: PhrodoBaggins_32 Start: 32362, Stop: 33522, Start Num: 28

Candidate Starts for PhrodoBaggins_32:

(Start: 28 @32362 has 361 MA's), (Start: 52 @32473 has 1 MA's), (62, 32518), (89, 32617), (105, 32677), (117, 32713), (127, 32737), (143, 32782), (145, 32788), (164, 32839), (180, 32878), (181, 32881), (186, 32893), (226, 32932), (235, 32965), (249, 33046), (258, 33091), (266, 33139), (272, 33175), (275, 33184), (278, 33190), (331, 33415),

Gene: Phunky_33 Start: 32375, Stop: 33535, Start Num: 28

Candidate Starts for Phunky_33:

(Start: 28 @32375 has 361 MA's), (Start: 52 @32486 has 1 MA's), (62, 32531), (89, 32630), (105, 32690), (117, 32726), (127, 32750), (143, 32795), (145, 32801), (164, 32852), (180, 32891), (181, 32894), (186, 32906), (192, 32921), (226, 32945), (235, 32978), (249, 33059), (258, 33104), (266, 33152), (272, 33188), (275, 33197), (278, 33203), (331, 33428),

Gene: Piglet_0032 Start: 32482, Stop: 33642, Start Num: 28

Candidate Starts for Piglet_0032:

(Start: 28 @32482 has 361 MA's), (Start: 52 @32593 has 1 MA's), (62, 32638), (89, 32737), (105, 32797), (117, 32833), (127, 32857), (143, 32902), (145, 32908), (164, 32959), (180, 32998), (181, 33001), (186, 33013), (192, 33028), (226, 33052), (235, 33085), (249, 33166), (258, 33211), (266,

33259), (272, 33295), (275, 33304), (278, 33310), (331, 33535),

Gene: PinheadLarry_33 Start: 32088, Stop: 33248, Start Num: 28

Candidate Starts for PinheadLarry_33:

(Start: 28 @32088 has 361 MA's), (Start: 52 @32199 has 1 MA's), (62, 32244), (89, 32343), (105, 32403), (117, 32439), (127, 32463), (143, 32508), (145, 32514), (164, 32565), (180, 32604), (181, 32607), (186, 32619), (226, 32658), (235, 32691), (249, 32772), (258, 32817), (266, 32865), (272, 32901), (275, 32910), (278, 32916), (331, 33141),

Gene: Pinkman_32 Start: 31931, Stop: 33091, Start Num: 28

Candidate Starts for Pinkman_32:

(Start: 28 @31931 has 361 MA's), (Start: 52 @32042 has 1 MA's), (62, 32087), (89, 32186), (105, 32246), (117, 32282), (127, 32306), (143, 32351), (145, 32357), (164, 32408), (180, 32447), (181, 32450), (186, 32462), (192, 32477), (226, 32501), (235, 32534), (249, 32615), (258, 32660), (266, 32708), (272, 32744), (275, 32753), (278, 32759), (331, 32984),

Gene: Pippy_19 Start: 20253, Stop: 21410, Start Num: 41

Candidate Starts for Pippy_19:

(Start: 40 @20250 has 3 MA's), (Start: 41 @20253 has 4 MA's), (60, 20334), (Start: 71 @20382 has 1 MA's), (88, 20442), (91, 20451), (95, 20466), (101, 20490), (108, 20514), (111, 20526), (131, 20586), (138, 20601), (140, 20610), (149, 20634), (158, 20664), (203, 20748), (204, 20751), (213, 20772), (222, 20793), (224, 20802), (230, 20814), (232, 20823), (278, 21084), (287, 21153), (341, 21387),

Gene: Pipsqueak_33 Start: 32373, Stop: 33533, Start Num: 28

Candidate Starts for Pipsqueak_33:

(Start: 28 @32373 has 361 MA's), (Start: 52 @32484 has 1 MA's), (62, 32529), (89, 32628), (105, 32688), (117, 32724), (127, 32748), (143, 32793), (145, 32799), (164, 32850), (180, 32889), (181, 32892), (186, 32904), (192, 32919), (226, 32943), (235, 32976), (249, 33057), (258, 33102), (266, 33150), (272, 33186), (275, 33195), (278, 33201), (331, 33426),

Gene: Placalicious_32 Start: 32066, Stop: 33226, Start Num: 28

Candidate Starts for Placalicious_32:

(Start: 28 @32066 has 361 MA's), (Start: 52 @32177 has 1 MA's), (62, 32222), (89, 32321), (105, 32381), (117, 32417), (127, 32441), (143, 32486), (145, 32492), (164, 32543), (180, 32582), (181, 32585), (186, 32597), (192, 32612), (226, 32636), (235, 32669), (249, 32750), (258, 32795), (266, 32843), (272, 32879), (275, 32888), (278, 32894), (331, 33119),

Gene: Plmatters_33 Start: 32372, Stop: 33532, Start Num: 28

Candidate Starts for Plmatters_33:

(Start: 28 @32372 has 361 MA's), (Start: 52 @32483 has 1 MA's), (62, 32528), (89, 32627), (105, 32687), (117, 32723), (127, 32747), (143, 32792), (145, 32798), (164, 32849), (180, 32888), (181, 32891), (186, 32903), (226, 32942), (235, 32975), (249, 33056), (258, 33101), (266, 33149), (272, 33185), (275, 33194), (278, 33200), (331, 33425),

Gene: Podrick_33 Start: 32363, Stop: 33523, Start Num: 28

Candidate Starts for Podrick_33:

(Start: 28 @32363 has 361 MA's), (Start: 52 @32474 has 1 MA's), (62, 32519), (89, 32618), (105, 32678), (117, 32714), (127, 32738), (143, 32783), (145, 32789), (164, 32840), (180, 32879), (181, 32882), (186, 32894), (226, 32933), (235, 32966), (249, 33047), (258, 33092), (266, 33140), (272, 33176), (275, 33185), (278, 33191), (331, 33416),

Gene: Pops_33 Start: 32387, Stop: 33547, Start Num: 28

Candidate Starts for Pops_33:

(Start: 28 @32387 has 361 MA's), (Start: 52 @32498 has 1 MA's), (62, 32543), (89, 32642), (105, 32702), (117, 32738), (127, 32762), (143, 32807), (145, 32813), (164, 32864), (180, 32903), (181, 32906), (186, 32918), (192, 32933), (226, 32957), (235, 32990), (249, 33071), (258, 33116), (266, 33164), (272, 33200), (275, 33209), (278, 33215), (331, 33440),

Gene: Poster_29 Start: 31578, Stop: 32735, Start Num: 28

Candidate Starts for Poster_29:

(Start: 28 @31578 has 361 MA's), (49, 31671), (Start: 52 @31686 has 1 MA's), (55, 31701), (58, 31713), (62, 31731), (86, 31821), (100, 31872), (102, 31881), (104, 31887), (109, 31899), (117, 31926), (125, 31941), (126, 31947), (127, 31953), (140, 31986), (143, 31995), (155, 32028), (168, 32061), (233, 32151), (234, 32157), (250, 32256), (251, 32259), (278, 32403), (310, 32556),

Gene: Potter_32 Start: 32087, Stop: 33247, Start Num: 28

Candidate Starts for Potter_32:

(Start: 28 @32087 has 361 MA's), (Start: 52 @32198 has 1 MA's), (62, 32243), (89, 32342), (105, 32402), (117, 32438), (127, 32462), (143, 32507), (145, 32513), (164, 32564), (180, 32603), (181, 32606), (186, 32618), (226, 32657), (235, 32690), (249, 32771), (266, 32864), (272, 32900), (275, 32909), (278, 32915), (331, 33140),

Gene: Prickles_33 Start: 32363, Stop: 33523, Start Num: 28

Candidate Starts for Prickles_33:

(Start: 28 @32363 has 361 MA's), (Start: 52 @32474 has 1 MA's), (62, 32519), (89, 32618), (105, 32678), (117, 32714), (127, 32738), (143, 32783), (145, 32789), (164, 32840), (180, 32879), (181, 32882), (186, 32894), (192, 32909), (226, 32933), (235, 32966), (249, 33047), (258, 33092), (266, 33140), (272, 33176), (275, 33185), (278, 33191), (331, 33416),

Gene: Prince_30 Start: 32761, Stop: 33918, Start Num: 28

Candidate Starts for Prince_30:

(Start: 28 @32761 has 361 MA's), (49, 32854), (Start: 52 @32869 has 1 MA's), (55, 32884), (58, 32896), (62, 32914), (73, 32956), (86, 33004), (100, 33055), (102, 33064), (109, 33082), (117, 33109), (125, 33124), (126, 33130), (127, 33136), (129, 33142), (140, 33169), (143, 33178), (155, 33211), (168, 33244), (192, 33304), (233, 33334), (234, 33340), (242, 33385), (250, 33439), (251, 33442), (278, 33586), (310, 33739),

Gene: ProfessorX_33 Start: 32358, Stop: 33518, Start Num: 28

Candidate Starts for ProfessorX_33:

(Start: 28 @32358 has 361 MA's), (Start: 52 @32469 has 1 MA's), (62, 32514), (89, 32613), (105, 32673), (117, 32709), (127, 32733), (143, 32778), (145, 32784), (164, 32835), (180, 32874), (181, 32877), (186, 32889), (226, 32928), (235, 32961), (249, 33042), (258, 33087), (266, 33135), (272, 33171), (275, 33180), (278, 33186), (331, 33411),

Gene: Puhltonio_33 Start: 32379, Stop: 33539, Start Num: 28

Candidate Starts for Puhltonio_33:

(Start: 28 @32379 has 361 MA's), (Start: 52 @32490 has 1 MA's), (62, 32535), (89, 32634), (105, 32694), (117, 32730), (127, 32754), (143, 32799), (145, 32805), (164, 32856), (180, 32895), (181, 32898), (186, 32910), (226, 32949), (235, 32982), (249, 33063), (258, 33108), (266, 33156), (272, 33192), (275, 33201), (278, 33207), (331, 33432),

Gene: Purgamenstris_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for Purgamenstris_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (55, 19940), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288),

(176, 20333), (178, 20336), (180, 20342), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Purky_22 Start: 21124, Stop: 22170, Start Num: 43

Candidate Starts for Purky_22:

(Start: 43 @21124 has 46 MA's), (96, 21337), (140, 21448), (161, 21490), (163, 21493), (215, 21562), (249, 21694), (255, 21730), (277, 21838), (312, 21991), (314, 22000), (318, 22012),

Gene: QueenBeane_33 Start: 32369, Stop: 33529, Start Num: 28

Candidate Starts for QueenBeane_33:

(Start: 28 @32369 has 361 MA's), (Start: 52 @32480 has 1 MA's), (62, 32525), (89, 32624), (105, 32684), (117, 32720), (127, 32744), (143, 32789), (145, 32795), (164, 32846), (180, 32885), (181, 32888), (186, 32900), (192, 32915), (226, 32939), (235, 32972), (249, 33053), (258, 33098), (266, 33146), (272, 33182), (275, 33191), (278, 33197), (331, 33422),

Gene: QueenHazel_22 Start: 21423, Stop: 22634, Start Num: 43

Candidate Starts for QueenHazel_22:

(12, 21186), (14, 21228), (17, 21288), (29, 21348), (39, 21402), (Start: 43 @21423 has 46 MA's), (60, 21504), (Start: 71 @21552 has 1 MA's), (88, 21612), (91, 21621), (95, 21636), (101, 21660), (108, 21684), (111, 21696), (123, 21732), (138, 21771), (140, 21780), (149, 21804), (158, 21834), (191, 21918), (193, 21921), (199, 21942), (203, 21978), (204, 21981), (213, 22002), (230, 22044), (249, 22161), (255, 22197), (257, 22203), (278, 22308), (292, 22389),

Gene: QueenPie_29 Start: 32702, Stop: 33859, Start Num: 28

Candidate Starts for QueenPie_29:

(Start: 28 @32702 has 361 MA's), (49, 32795), (Start: 52 @32810 has 1 MA's), (55, 32825), (58, 32837), (62, 32855), (86, 32945), (100, 32996), (102, 33005), (109, 33023), (117, 33050), (125, 33065), (126, 33071), (127, 33077), (129, 33083), (140, 33110), (143, 33119), (155, 33152), (168, 33185), (175, 33203), (192, 33245), (233, 33275), (234, 33281), (236, 33302), (250, 33380), (251, 33383), (260, 33428), (278, 33527), (310, 33680),

Gene: Quesadilla_32 Start: 33335, Stop: 34516, Start Num: 24

Candidate Starts for Quesadilla_32:

(19, 33302), (Start: 24 @33335 has 8 MA's), (Start: 52 @33452 has 1 MA's), (55, 33467), (56, 33473), (Start: 71 @33533 has 1 MA's), (83, 33581), (91, 33605), (102, 33650), (115, 33689), (119, 33701), (125, 33710), (130, 33728), (146, 33770), (152, 33785), (165, 33824), (168, 33830), (186, 33875), (188, 33881), (234, 33926), (252, 34028),

Gene: Quisquilliae_33 Start: 32397, Stop: 33557, Start Num: 28

Candidate Starts for Quisquilliae_33:

(Start: 28 @32397 has 361 MA's), (Start: 52 @32508 has 1 MA's), (62, 32553), (89, 32652), (105, 32712), (117, 32748), (127, 32772), (143, 32817), (145, 32823), (164, 32874), (180, 32913), (181, 32916), (186, 32928), (226, 32967), (235, 33000), (249, 33081), (258, 33126), (266, 33174), (272, 33210), (275, 33219), (278, 33225), (331, 33450),

Gene: Qyrzula_31 Start: 32776, Stop: 33981, Start Num: 26

Candidate Starts for Qyrzula_31:

(13, 32632), (Start: 23 @32773 has 11 MA's), (Start: 26 @32776 has 6 MA's), (Start: 41 @32845 has 4 MA's), (58, 32914), (64, 32944), (68, 32956), (69, 32962), (70, 32965), (73, 32974), (83, 33013), (87, 33022), (90, 33034), (105, 33091), (112, 33112), (117, 33127), (136, 33172), (140, 33187), (156, 33232), (184, 33301), (195, 33328), (208, 33352), (225, 33397), (234, 33418), (237, 33442), (251, 33517), (254, 33547), (266, 33607), (268, 33619), (270, 33637), (292, 33739), (319, 33844), (321, 33850), (324, 33868), (338, 33919), (340, 33955),

Gene: RagingRooster_33 Start: 32223, Stop: 33425, Start Num: 28

Candidate Starts for RagingRooster_33:

(Start: 28 @32223 has 361 MA's), (35, 32256), (68, 32400), (70, 32409), (73, 32418), (83, 32457), (87, 32466), (93, 32484), (97, 32502), (101, 32520), (102, 32526), (106, 32538), (112, 32556), (117, 32571), (130, 32604), (140, 32631), (156, 32676), (188, 32757), (197, 32784), (212, 32802), (219, 32820), (234, 32862), (237, 32886), (251, 32961), (254, 32991), (266, 33051), (268, 33063), (270, 33081), (292, 33183), (319, 33288), (321, 33294), (324, 33312), (340, 33399),

Gene: RawrgerThat_30 Start: 32607, Stop: 33764, Start Num: 28

Candidate Starts for RawrgerThat_30:

(Start: 28 @32607 has 361 MA's), (49, 32700), (Start: 52 @32715 has 1 MA's), (55, 32730), (58, 32742), (62, 32760), (73, 32802), (100, 32901), (102, 32910), (109, 32928), (117, 32955), (125, 32970), (126, 32976), (127, 32982), (129, 32988), (140, 33015), (143, 33024), (155, 33057), (168, 33090), (233, 33180), (234, 33186), (250, 33285), (251, 33288), (278, 33432), (310, 33585),

Gene: RedMaple_32 Start: 32376, Stop: 33536, Start Num: 28

Candidate Starts for RedMaple_32:

(Start: 28 @32376 has 361 MA's), (Start: 52 @32487 has 1 MA's), (62, 32532), (89, 32631), (105, 32691), (117, 32727), (127, 32751), (143, 32796), (145, 32802), (164, 32853), (180, 32892), (181, 32895), (186, 32907), (226, 32946), (235, 32979), (249, 33060), (258, 33105), (266, 33153), (272, 33189), (275, 33198), (278, 33204), (331, 33429),

Gene: Redi_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for Redi_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (55, 19940), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (176, 20333), (178, 20336), (180, 20342), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Reindeer_30 Start: 26952, Stop: 28001, Start Num: 43

Candidate Starts for Reindeer_30:

(Start: 43 @26952 has 46 MA's), (50, 26988), (96, 27165), (120, 27228), (122, 27231), (139, 27270), (143, 27285), (169, 27336), (210, 27384), (239, 27453), (247, 27501), (249, 27522), (251, 27528), (255, 27558), (268, 27630), (296, 27765), (312, 27819), (323, 27870), (326, 27876), (331, 27909),

Gene: Rem711_30 Start: 25189, Stop: 26352, Start Num: 43

Candidate Starts for Rem711_30:

(Start: 43 @25189 has 46 MA's), (107, 25450), (132, 25510), (148, 25555), (154, 25573), (168, 25609), (211, 25717), (223, 25732), (238, 25789), (265, 25951), (293, 26101),

Gene: Rhinoforte_33 Start: 32804, Stop: 33967, Start Num: 28

Candidate Starts for Rhinoforte_33:

(11, 32657), (Start: 23 @32798 has 11 MA's), (Start: 28 @32804 has 361 MA's), (36, 32843), (Start: 41 @32873 has 4 MA's), (Start: 52 @32918 has 1 MA's), (62, 32963), (89, 33062), (105, 33122), (117, 33158), (127, 33182), (143, 33227), (145, 33233), (164, 33284), (180, 33323), (181, 33326), (186, 33338), (192, 33353), (226, 33377), (235, 33410), (249, 33491), (258, 33536), (266, 33584), (272, 33620), (275, 33629), (278, 33635), (289, 33695), (331, 33860),

Gene: Ricotta_32 Start: 32096, Stop: 33256, Start Num: 28

Candidate Starts for Ricotta_32:

(Start: 28 @32096 has 361 MA's), (Start: 52 @32207 has 1 MA's), (62, 32252), (89, 32351), (105, 32411), (117, 32447), (127, 32471), (143, 32516), (145, 32522), (164, 32573), (180, 32612), (181, 32615), (186, 32627), (192, 32642), (226, 32666), (235, 32699), (249, 32780), (258, 32825), (266, 32873), (272, 32909), (275, 32918), (278, 32924), (331, 33149),

Gene: Riggan_33 Start: 32356, Stop: 33516, Start Num: 28

Candidate Starts for Riggan_33:

(Start: 28 @32356 has 361 MA's), (Start: 52 @32467 has 1 MA's), (62, 32512), (89, 32611), (105, 32671), (117, 32707), (127, 32731), (143, 32776), (145, 32782), (164, 32833), (180, 32872), (181, 32875), (186, 32887), (226, 32926), (235, 32959), (249, 33040), (258, 33085), (266, 33133), (272, 33169), (275, 33178), (278, 33184), (331, 33409),

Gene: Rimu_34 Start: 32105, Stop: 33265, Start Num: 28

Candidate Starts for Rimu_34:

(Start: 28 @32105 has 361 MA's), (Start: 52 @32216 has 1 MA's), (62, 32261), (89, 32360), (105, 32420), (117, 32456), (127, 32480), (143, 32525), (145, 32531), (164, 32582), (180, 32621), (181, 32624), (186, 32636), (192, 32651), (226, 32675), (235, 32708), (249, 32789), (258, 32834), (266, 32882), (272, 32918), (275, 32927), (278, 32933), (331, 33158),

Gene: Rinke_34 Start: 33816, Stop: 35012, Start Num: 28

Candidate Starts for Rinke_34:

(16, 33759), (21, 33795), (Start: 28 @33816 has 361 MA's), (37, 33861), (45, 33906), (Start: 52 @33939 has 1 MA's), (57, 33963), (62, 33984), (65, 33999), (67, 34005), (77, 34044), (79, 34050), (83, 34065), (87, 34074), (97, 34110), (100, 34125), (102, 34134), (110, 34161), (112, 34164), (121, 34188), (125, 34194), (143, 34251), (144, 34254), (161, 34302), (163, 34305), (168, 34317), (179, 34344), (182, 34353), (184, 34356), (194, 34380), (220, 34431), (233, 34470), (235, 34491), (248, 34563), (249, 34569), (269, 34677), (273, 34698), (278, 34710), (302, 34812), (305, 34821), (330, 34914),

Gene: Rita1961_33 Start: 32206, Stop: 33408, Start Num: 28

Candidate Starts for Rita1961_33:

(Start: 28 @32206 has 361 MA's), (35, 32239), (68, 32383), (70, 32392), (73, 32401), (83, 32440), (87, 32449), (93, 32467), (105, 32518), (109, 32527), (112, 32539), (114, 32545), (117, 32554), (136, 32599), (140, 32614), (156, 32659), (184, 32728), (189, 32743), (195, 32755), (208, 32779), (227, 32827), (229, 32833), (233, 32839), (234, 32845), (237, 32869), (251, 32944), (254, 32974), (266, 33034), (268, 33046), (270, 33064), (291, 33163), (292, 33166), (319, 33271), (321, 33277), (324, 33295), (340, 33382),

Gene: Robyn_32 Start: 31940, Stop: 33100, Start Num: 28

Candidate Starts for Robyn_32:

(Start: 28 @31940 has 361 MA's), (Start: 52 @32051 has 1 MA's), (62, 32096), (89, 32195), (105, 32255), (117, 32291), (127, 32315), (143, 32360), (145, 32366), (164, 32417), (180, 32456), (181, 32459), (186, 32471), (226, 32510), (235, 32543), (249, 32624), (258, 32669), (266, 32717), (272, 32753), (275, 32762), (278, 32768), (331, 32993),

Gene: Roliet_33 Start: 32365, Stop: 33525, Start Num: 28

Candidate Starts for Roliet_33:

(Start: 28 @32365 has 361 MA's), (Start: 52 @32476 has 1 MA's), (62, 32521), (89, 32620), (105, 32680), (117, 32716), (127, 32740), (143, 32785), (145, 32791), (164, 32842), (180, 32881), (181, 32884), (186, 32896), (192, 32911), (226, 32935), (235, 32968), (249, 33049), (258, 33094), (266, 33142), (272, 33178), (275, 33187), (278, 33193), (331, 33418),

Gene: RomaT_33 Start: 32996, Stop: 34198, Start Num: 28

Candidate Starts for RomaT_33:

(Start: 28 @32996 has 361 MA's), (35, 33029), (68, 33173), (70, 33182), (73, 33191), (83, 33230), (87, 33239), (93, 33257), (97, 33275), (101, 33293), (102, 33299), (106, 33311), (112, 33329), (117, 33344), (130, 33377), (140, 33404), (156, 33449), (188, 33530), (197, 33557), (212, 33575), (219, 33593), (234, 33635), (237, 33659), (251, 33734), (254, 33764), (266, 33824), (268, 33836), (270, 33854), (292, 33956), (319, 34061), (321, 34067), (324, 34085), (340, 34172),

Gene: Roscoe_34 Start: 32603, Stop: 33763, Start Num: 28

Candidate Starts for Roscoe_34:

(Start: 28 @32603 has 361 MA's), (Start: 52 @32714 has 1 MA's), (62, 32759), (89, 32858), (105, 32918), (117, 32954), (127, 32978), (143, 33023), (145, 33029), (164, 33080), (180, 33119), (181, 33122), (186, 33134), (226, 33173), (235, 33206), (249, 33287), (258, 33332), (266, 33380), (272, 33416), (275, 33425), (278, 33431), (331, 33656),

Gene: Rose5_21 Start: 21688, Stop: 22860, Start Num: 30

Candidate Starts for Rose5_21:

(Start: 27 @21685 has 5 MA's), (Start: 30 @21688 has 34 MA's), (56, 21814), (66, 21856), (69, 21868), (70, 21871), (79, 21904), (82, 21916), (97, 21964), (101, 21982), (112, 22018), (117, 22033), (138, 22084), (148, 22114), (163, 22156), (175, 22180), (218, 22216), (221, 22222), (230, 22249), (234, 22267), (251, 22360), (252, 22363), (265, 22447), (293, 22585), (298, 22603), (319, 22687),

Gene: Rosebush_33 Start: 32811, Stop: 33974, Start Num: 28

Candidate Starts for Rosebush_33:

(11, 32664), (Start: 23 @32805 has 11 MA's), (Start: 28 @32811 has 361 MA's), (36, 32850), (Start: 41 @32880 has 4 MA's), (Start: 52 @32925 has 1 MA's), (62, 32970), (89, 33069), (105, 33129), (117, 33165), (127, 33189), (143, 33234), (145, 33240), (164, 33291), (180, 33330), (181, 33333), (186, 33345), (192, 33360), (226, 33384), (235, 33417), (249, 33498), (266, 33591), (272, 33627), (275, 33636), (278, 33642), (289, 33702), (331, 33867),

Gene: Roy17_33 Start: 32069, Stop: 33229, Start Num: 28

Candidate Starts for Roy17_33:

(Start: 28 @32069 has 361 MA's), (Start: 52 @32180 has 1 MA's), (62, 32225), (89, 32324), (105, 32384), (117, 32420), (127, 32444), (143, 32489), (145, 32495), (164, 32546), (180, 32585), (181, 32588), (186, 32600), (192, 32615), (226, 32639), (235, 32672), (249, 32753), (258, 32798), (266, 32846), (272, 32882), (275, 32891), (278, 32897), (331, 33122),

Gene: SDcharge11_33 Start: 32343, Stop: 33503, Start Num: 28

Candidate Starts for SDcharge11_33:

(Start: 28 @32343 has 361 MA's), (Start: 52 @32454 has 1 MA's), (62, 32499), (89, 32598), (105, 32658), (117, 32694), (127, 32718), (143, 32763), (145, 32769), (164, 32820), (180, 32859), (181, 32862), (186, 32874), (192, 32889), (226, 32913), (235, 32946), (249, 33027), (258, 33072), (266, 33120), (272, 33156), (275, 33165), (278, 33171), (331, 33396),

Gene: Sabella_33 Start: 32688, Stop: 33851, Start Num: 28

Candidate Starts for Sabella_33:

(11, 32541), (Start: 23 @32682 has 11 MA's), (Start: 28 @32688 has 361 MA's), (36, 32727), (Start: 41 @32757 has 4 MA's), (Start: 52 @32802 has 1 MA's), (62, 32847), (89, 32946), (105, 33006), (117, 33042), (127, 33066), (143, 33111), (145, 33117), (164, 33168), (180, 33207), (181, 33210), (186, 33222), (192, 33237), (226, 33261), (235, 33294), (249, 33375), (266, 33468), (272, 33504), (275, 33513), (278, 33519), (331, 33744),

Gene: Saguaro_32 Start: 33436, Stop: 34548, Start Num: 24

Candidate Starts for Saguaro_32:

(9, 33223), (19, 33406), (Start: 24 @33436 has 8 MA's), (Start: 52 @33550 has 1 MA's), (58, 33577), (65, 33610), (69, 33625), (Start: 71 @33631 has 1 MA's), (83, 33679), (87, 33688), (105, 33757), (112, 33778), (121, 33802), (125, 33808), (151, 33883), (153, 33889), (158, 33907), (161, 33916), (165, 33925), (168, 33931), (244, 34051), (291, 34303), (320, 34411), (322, 34417),

Gene: SamScheppers_27 Start: 24552, Stop: 25625, Start Num: 41

Candidate Starts for SamScheppers_27:

(Start: 41 @24552 has 4 MA's), (Start: 43 @24555 has 46 MA's), (103, 24795), (116, 24831), (120, 24840), (124, 24846), (140, 24891), (161, 24936), (169, 24954), (203, 24981), (237, 25062), (247, 25119), (250, 25143),

Gene: Samaymay_33 Start: 32369, Stop: 33529, Start Num: 28

Candidate Starts for Samaymay_33:

(Start: 28 @32369 has 361 MA's), (Start: 52 @32480 has 1 MA's), (62, 32525), (89, 32624), (105, 32684), (117, 32720), (127, 32744), (143, 32789), (145, 32795), (164, 32846), (180, 32885), (181, 32888), (186, 32900), (192, 32915), (226, 32939), (235, 32972), (249, 33053), (258, 33098), (266, 33146), (272, 33182), (275, 33191), (278, 33197), (331, 33422),

Gene: Samty_22 Start: 22250, Stop: 23467, Start Num: 30

Candidate Starts for Samty_22:

(Start: 30 @22250 has 34 MA's), (51, 22352), (54, 22364), (58, 22382), (61, 22391), (69, 22430), (79, 22466), (83, 22481), (85, 22487), (94, 22517), (95, 22520), (104, 22556), (109, 22568), (127, 22619), (128, 22622), (150, 22682), (159, 22709), (165, 22724), (170, 22730), (174, 22742), (204, 22802), (214, 22826), (234, 22886), (250, 22982), (254, 23015), (268, 23087), (272, 23111), (278, 23126), (327, 23339), (329, 23351),

Gene: Sarma624_20 Start: 20090, Stop: 21244, Start Num: 43

Candidate Starts for Sarma624_20:

(Start: 40 @20087 has 3 MA's), (Start: 43 @20090 has 46 MA's), (Start: 71 @20219 has 1 MA's), (79, 20249), (88, 20279), (91, 20288), (95, 20303), (101, 20327), (108, 20351), (111, 20363), (138, 20438), (140, 20447), (149, 20471), (158, 20501), (203, 20585), (204, 20588), (213, 20609), (264, 20858), (266, 20867), (270, 20897), (278, 20918), (287, 20987), (341, 21221),

Gene: SassyCat97_32 Start: 32075, Stop: 33235, Start Num: 28

Candidate Starts for SassyCat97_32:

(Start: 28 @32075 has 361 MA's), (Start: 52 @32186 has 1 MA's), (62, 32231), (89, 32330), (105, 32390), (117, 32426), (127, 32450), (143, 32495), (145, 32501), (164, 32552), (180, 32591), (181, 32594), (186, 32606), (226, 32645), (235, 32678), (249, 32759), (258, 32804), (266, 32852), (272, 32888), (275, 32897), (278, 32903), (331, 33128),

Gene: Sbash_21 Start: 21030, Stop: 22079, Start Num: 43

Candidate Starts for Sbash_21:

(Start: 43 @21030 has 46 MA's), (80, 21192), (96, 21243), (120, 21306), (168, 21411), (249, 21600), (255, 21636), (268, 21708), (296, 21843), (312, 21897), (331, 21987),

Gene: Schadenfreude_32 Start: 31926, Stop: 33086, Start Num: 28

Candidate Starts for Schadenfreude_32:

(Start: 28 @31926 has 361 MA's), (Start: 52 @32037 has 1 MA's), (62, 32082), (89, 32181), (105, 32241), (117, 32277), (127, 32301), (143, 32346), (145, 32352), (164, 32403), (180, 32442), (181, 32445), (186, 32457), (226, 32496), (235, 32529), (249, 32610), (258, 32655), (266, 32703), (272, 32739), (275, 32748), (278, 32754), (331, 32979),

Gene: Schueller_33 Start: 32091, Stop: 33251, Start Num: 28

Candidate Starts for Schueller_33:

(Start: 28 @32091 has 361 MA's), (Start: 52 @32202 has 1 MA's), (62, 32247), (89, 32346), (105, 32406), (117, 32442), (127, 32466), (143, 32511), (145, 32517), (164, 32568), (180, 32607), (181, 32610), (186, 32622), (226, 32661), (235, 32694), (249, 32775), (258, 32820), (266, 32868), (272, 32904), (275, 32913), (278, 32919), (331, 33144),

Gene: Scoot17C_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for Scoot17C_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (89, 32623), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (192, 32914), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266, 33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Scrick_33 Start: 32093, Stop: 33253, Start Num: 28

Candidate Starts for Scrick_33:

(Start: 28 @32093 has 361 MA's), (Start: 52 @32204 has 1 MA's), (62, 32249), (89, 32348), (105, 32408), (117, 32444), (127, 32468), (143, 32513), (145, 32519), (164, 32570), (180, 32609), (181, 32612), (186, 32624), (192, 32639), (226, 32663), (235, 32696), (249, 32777), (258, 32822), (266, 32870), (272, 32906), (275, 32915), (278, 32921), (331, 33146),

Gene: Sejanus_28 Start: 29684, Stop: 30844, Start Num: 28

Candidate Starts for Sejanus_28:

(Start: 28 @29684 has 361 MA's), (34, 29720), (Start: 41 @29753 has 4 MA's), (Start: 52 @29798 has 1 MA's), (62, 29843), (63, 29846), (117, 30038), (127, 30062), (129, 30068), (145, 30113), (146, 30116), (164, 30164), (189, 30227), (190, 30230), (228, 30263), (245, 30338), (249, 30368), (270, 30491), (273, 30500), (275, 30506), (342, 30827),

Gene: Selr12_33 Start: 32097, Stop: 33257, Start Num: 28

Candidate Starts for Selr12_33:

(Start: 28 @32097 has 361 MA's), (Start: 52 @32208 has 1 MA's), (62, 32253), (89, 32352), (105, 32412), (117, 32448), (127, 32472), (143, 32517), (145, 32523), (164, 32574), (180, 32613), (181, 32616), (186, 32628), (192, 32643), (226, 32667), (235, 32700), (249, 32781), (258, 32826), (266, 32874), (272, 32910), (275, 32919), (278, 32925), (331, 33150),

Gene: Serendipity_33 Start: 32393, Stop: 33553, Start Num: 28

Candidate Starts for Serendipity_33:

(Start: 28 @32393 has 361 MA's), (Start: 52 @32504 has 1 MA's), (62, 32549), (89, 32648), (105, 32708), (117, 32744), (127, 32768), (143, 32813), (145, 32819), (164, 32870), (180, 32909), (181, 32912), (186, 32924), (192, 32939), (226, 32963), (235, 32996), (249, 33077), (258, 33122), (266, 33170), (272, 33206), (275, 33215), (278, 33221), (331, 33446),

Gene: Serpentine_0033 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Serpentine_0033:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: Sheila_33 Start: 32411, Stop: 33571, Start Num: 28

Candidate Starts for Sheila_33:

(Start: 28 @32411 has 361 MA's), (Start: 52 @32522 has 1 MA's), (62, 32567), (89, 32666), (105, 32726), (117, 32762), (127, 32786), (143, 32831), (145, 32837), (164, 32888), (180, 32927), (181, 32930), (186, 32942), (192, 32957), (226, 32981), (235, 33014), (249, 33095), (258, 33140), (266,

33188), (272, 33224), (275, 33233), (278, 33239), (331, 33464),

Gene: Sheng711_21 Start: 21427, Stop: 22581, Start Num: 30

Candidate Starts for Sheng711_21:

(Start: 30 @21427 has 34 MA's), (51, 21529), (54, 21541), (70, 21610), (97, 21703), (112, 21757), (125, 21787), (127, 21796), (141, 21835), (158, 21883), (170, 21907), (174, 21919), (214, 21943), (239, 22033), (261, 22150), (264, 22186), (266, 22195), (279, 22252), (284, 22291),

Gene: ShiVal_33 Start: 32367, Stop: 33527, Start Num: 28

Candidate Starts for ShiVal_33:

(Start: 28 @32367 has 361 MA's), (Start: 52 @32478 has 1 MA's), (62, 32523), (89, 32622), (105, 32682), (117, 32718), (127, 32742), (143, 32787), (145, 32793), (164, 32844), (180, 32883), (181, 32886), (186, 32898), (226, 32937), (235, 32970), (249, 33051), (258, 33096), (266, 33144), (272, 33180), (275, 33189), (278, 33195), (331, 33420),

Gene: ShrimpFriedEgg_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for ShrimpFriedEgg_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (55, 19940), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (176, 20333), (178, 20336), (180, 20342), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Sigman_33 Start: 32359, Stop: 33519, Start Num: 28

Candidate Starts for Sigman_33:

(Start: 28 @32359 has 361 MA's), (Start: 52 @32470 has 1 MA's), (62, 32515), (89, 32614), (105, 32674), (117, 32710), (127, 32734), (143, 32779), (145, 32785), (164, 32836), (180, 32875), (181, 32878), (186, 32890), (192, 32905), (226, 32929), (235, 32962), (249, 33043), (258, 33088), (266, 33136), (272, 33172), (275, 33181), (278, 33187), (331, 33412),

Gene: SilverBell_33 Start: 32389, Stop: 33549, Start Num: 28

Candidate Starts for SilverBell_33:

(Start: 28 @32389 has 361 MA's), (Start: 52 @32500 has 1 MA's), (62, 32545), (89, 32644), (105, 32704), (117, 32740), (127, 32764), (143, 32809), (145, 32815), (164, 32866), (180, 32905), (181, 32908), (186, 32920), (226, 32959), (235, 32992), (249, 33073), (258, 33118), (266, 33166), (272, 33202), (275, 33211), (278, 33217), (331, 33442),

Gene: Silverleaf_21 Start: 21688, Stop: 22860, Start Num: 30

Candidate Starts for Silverleaf_21:

(Start: 27 @21685 has 5 MA's), (Start: 30 @21688 has 34 MA's), (56, 21814), (66, 21856), (69, 21868), (70, 21871), (79, 21904), (82, 21916), (97, 21964), (101, 21982), (112, 22018), (117, 22033), (138, 22084), (148, 22114), (163, 22156), (175, 22180), (218, 22216), (221, 22222), (230, 22249), (234, 22267), (251, 22360), (252, 22363), (265, 22447), (293, 22585), (298, 22603), (319, 22687),

Gene: Simielle_32 Start: 32062, Stop: 33222, Start Num: 28

Candidate Starts for Simielle_32:

(Start: 28 @32062 has 361 MA's), (Start: 52 @32173 has 1 MA's), (62, 32218), (89, 32317), (105, 32377), (117, 32413), (127, 32437), (143, 32482), (145, 32488), (164, 32539), (180, 32578), (181, 32581), (186, 32593), (192, 32608), (226, 32632), (235, 32665), (249, 32746), (258, 32791), (266, 32839), (272, 32875), (275, 32884), (278, 32890), (331, 33115),

Gene: Skippy_33 Start: 32357, Stop: 33517, Start Num: 28

Candidate Starts for Skippy_33:

(Start: 28 @32357 has 361 MA's), (Start: 52 @32468 has 1 MA's), (62, 32513), (89, 32612), (105, 32672), (117, 32708), (127, 32732), (143, 32777), (145, 32783), (164, 32834), (180, 32873), (181, 32876), (186, 32888), (226, 32927), (235, 32960), (249, 33041), (258, 33086), (266, 33134), (272, 33170), (275, 33179), (278, 33185), (331, 33410),

Gene: Slatt_33 Start: 32383, Stop: 33543, Start Num: 28

Candidate Starts for Slatt_33:

(Start: 28 @32383 has 361 MA's), (Start: 52 @32494 has 1 MA's), (62, 32539), (89, 32638), (105, 32698), (117, 32734), (127, 32758), (143, 32803), (145, 32809), (164, 32860), (180, 32899), (181, 32902), (186, 32914), (226, 32953), (235, 32986), (249, 33067), (258, 33112), (266, 33160), (272, 33196), (275, 33205), (278, 33211), (331, 33436),

Gene: SlimJimmy_30 Start: 26975, Stop: 28030, Start Num: 43

Candidate Starts for SlimJimmy_30:

(Start: 43 @26975 has 46 MA's), (96, 27188), (108, 27224), (136, 27287), (168, 27359), (203, 27389), (210, 27410), (233, 27446), (239, 27482), (247, 27530), (249, 27551), (251, 27557), (255, 27587), (256, 27590), (264, 27638), (312, 27848), (325, 27902),

Gene: SlippinJimmy_33 Start: 32984, Stop: 34186, Start Num: 28

Candidate Starts for SlippinJimmy_33:

(Start: 28 @32984 has 361 MA's), (35, 33017), (68, 33161), (70, 33170), (73, 33179), (83, 33218), (87, 33227), (93, 33245), (97, 33263), (101, 33281), (102, 33287), (106, 33299), (112, 33317), (117, 33332), (130, 33365), (140, 33392), (156, 33437), (188, 33518), (197, 33545), (212, 33563), (219, 33581), (234, 33623), (254, 33752), (259, 33761), (270, 33842), (292, 33944), (304, 34001), (307, 34010), (319, 34049), (332, 34121), (341, 34163),

Gene: Snekmaggedon_21 Start: 20006, Stop: 21031, Start Num: 71

Candidate Starts for Snekmaggedon_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Snenia_22 Start: 22248, Stop: 23465, Start Num: 30

Candidate Starts for Snenia_22:

(Start: 30 @22248 has 34 MA's), (51, 22350), (54, 22362), (58, 22380), (61, 22389), (69, 22428), (79, 22464), (83, 22479), (85, 22485), (94, 22515), (95, 22518), (104, 22554), (109, 22566), (127, 22617), (128, 22620), (150, 22680), (159, 22707), (165, 22722), (170, 22728), (174, 22740), (204, 22800), (214, 22824), (234, 22884), (250, 22980), (254, 23013), (268, 23085), (272, 23109), (327, 23337), (329, 23349),

Gene: Soile_33 Start: 32089, Stop: 33249, Start Num: 28

Candidate Starts for Soile_33:

(Start: 28 @32089 has 361 MA's), (Start: 52 @32200 has 1 MA's), (62, 32245), (89, 32344), (105, 32404), (117, 32440), (127, 32464), (143, 32509), (145, 32515), (164, 32566), (180, 32605), (181, 32608), (186, 32620), (226, 32659), (235, 32692), (249, 32773), (258, 32818), (266, 32866), (272, 32902), (275, 32911), (278, 32917), (331, 33142),

Gene: Solosis_32 Start: 32084, Stop: 33244, Start Num: 28

Candidate Starts for Solosis_32:

(Start: 28 @32084 has 361 MA's), (Start: 52 @32195 has 1 MA's), (62, 32240), (89, 32339), (105, 32399), (117, 32435), (127, 32459), (143, 32504), (145, 32510), (164, 32561), (180, 32600), (181,

32603), (186, 32615), (192, 32630), (226, 32654), (235, 32687), (249, 32768), (258, 32813), (266, 32861), (272, 32897), (275, 32906), (278, 32912), (331, 33137),

Gene: Sophia_32 Start: 32084, Stop: 33244, Start Num: 28

Candidate Starts for Sophia_32:

(Start: 28 @32084 has 361 MA's), (Start: 52 @32195 has 1 MA's), (62, 32240), (89, 32339), (105, 32399), (117, 32435), (127, 32459), (143, 32504), (145, 32510), (164, 32561), (180, 32600), (181, 32603), (186, 32615), (226, 32654), (235, 32687), (249, 32768), (258, 32813), (266, 32861), (272, 32897), (275, 32906), (278, 32912), (331, 33137),

Gene: Soto_33 Start: 32377, Stop: 33537, Start Num: 28

Candidate Starts for Soto_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (192, 32923), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: Sparky_21 Start: 21885, Stop: 22931, Start Num: 43

Candidate Starts for Sparky_21:

(Start: 43 @21885 has 46 MA's), (96, 22098), (98, 22104), (140, 22209), (161, 22251), (163, 22254), (215, 22323), (249, 22455), (255, 22491), (277, 22599), (312, 22752), (314, 22761), (318, 22773),

Gene: Spartan300_33 Start: 32363, Stop: 33523, Start Num: 28

Candidate Starts for Spartan300_33:

(Start: 28 @32363 has 361 MA's), (Start: 52 @32474 has 1 MA's), (62, 32519), (89, 32618), (105, 32678), (117, 32714), (127, 32738), (143, 32783), (145, 32789), (164, 32840), (180, 32879), (181, 32882), (186, 32894), (226, 32933), (235, 32966), (249, 33047), (258, 33092), (266, 33140), (272, 33176), (275, 33185), (278, 33191), (331, 33416),

Gene: SpongeBob_21 Start: 19877, Stop: 21031, Start Num: 43

Candidate Starts for SpongeBob_21:

(12, 19640), (14, 19682), (15, 19712), (17, 19742), (29, 19802), (39, 19856), (Start: 43 @19877 has 46 MA's), (60, 19958), (Start: 71 @20006 has 1 MA's), (88, 20066), (91, 20075), (95, 20090), (101, 20114), (108, 20138), (111, 20150), (138, 20225), (140, 20234), (149, 20258), (158, 20288), (203, 20372), (204, 20375), (213, 20396), (249, 20555), (264, 20645), (266, 20654), (270, 20684), (278, 20705), (341, 21008),

Gene: Squid_33 Start: 32075, Stop: 33235, Start Num: 28

Candidate Starts for Squid_33:

(Start: 28 @32075 has 361 MA's), (Start: 52 @32186 has 1 MA's), (62, 32231), (89, 32330), (105, 32390), (117, 32426), (127, 32450), (143, 32495), (145, 32501), (164, 32552), (180, 32591), (181, 32594), (186, 32606), (226, 32645), (235, 32678), (249, 32759), (258, 32804), (266, 32852), (272, 32888), (275, 32897), (278, 32903), (331, 33128),

Gene: Squiggle_33 Start: 32087, Stop: 33247, Start Num: 28

Candidate Starts for Squiggle_33:

(Start: 28 @32087 has 361 MA's), (Start: 52 @32198 has 1 MA's), (62, 32243), (89, 32342), (105, 32402), (117, 32438), (127, 32462), (143, 32507), (145, 32513), (164, 32564), (180, 32603), (181, 32606), (186, 32618), (192, 32633), (226, 32657), (235, 32690), (249, 32771), (258, 32816), (266, 32864), (272, 32900), (275, 32909), (278, 32915), (331, 33140),

Gene: Squirty_20 Start: 19922, Stop: 21079, Start Num: 42

Candidate Starts for Squirty_20:

(Start: 42 @19922 has 3 MA's), (60, 20003), (65, 20030), (Start: 71 @20051 has 1 MA's), (88, 20111), (95, 20135), (97, 20141), (101, 20159), (103, 20171), (108, 20183), (111, 20195), (123, 20231), (131, 20255), (138, 20270), (140, 20279), (149, 20303), (154, 20318), (158, 20333), (203, 20417), (204, 20420), (213, 20441), (222, 20462), (224, 20471), (230, 20483), (232, 20492), (278, 20753), (287, 20822), (341, 21056),

Gene: Stargaze_23 Start: 23284, Stop: 24429, Start Num: 28

Candidate Starts for Stargaze_23:

(1, 22495), (4, 22654), (5, 22762), (8, 22864), (20, 23260), (Start: 28 @23284 has 361 MA's), (Start: 52 @23395 has 1 MA's), (55, 23410), (83, 23521), (101, 23584), (105, 23599), (156, 23746), (161, 23761), (182, 23812), (224, 23845), (240, 23908), (248, 23959), (250, 23968), (281, 24136),

Gene: Stinger_28 Start: 31182, Stop: 32339, Start Num: 28

Candidate Starts for Stinger_28:

(6, 30657), (7, 30678), (Start: 28 @31182 has 361 MA's), (32, 31209), (Start: 52 @31290 has 1 MA's), (55, 31305), (58, 31317), (62, 31335), (92, 31443), (100, 31476), (102, 31485), (109, 31503), (117, 31530), (125, 31545), (126, 31551), (127, 31557), (138, 31581), (140, 31590), (143, 31599), (155, 31632), (168, 31665), (172, 31677), (175, 31683), (227, 31743), (233, 31755), (234, 31761), (245, 31827), (248, 31851), (250, 31860), (278, 32007), (310, 32160),

Gene: Struggle_32 Start: 31925, Stop: 33085, Start Num: 28

Candidate Starts for Struggle_32:

(Start: 28 @31925 has 361 MA's), (Start: 52 @32036 has 1 MA's), (62, 32081), (89, 32180), (105, 32240), (117, 32276), (127, 32300), (143, 32345), (145, 32351), (164, 32402), (180, 32441), (181, 32444), (186, 32456), (192, 32471), (226, 32495), (235, 32528), (249, 32609), (266, 32702), (272, 32738), (275, 32747), (278, 32753), (331, 32978),

Gene: Suffolk_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Suffolk_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: Surely_33 Start: 32377, Stop: 33537, Start Num: 28

Candidate Starts for Surely_33:

(Start: 28 @32377 has 361 MA's), (Start: 52 @32488 has 1 MA's), (62, 32533), (89, 32632), (105, 32692), (117, 32728), (127, 32752), (143, 32797), (145, 32803), (164, 32854), (180, 32893), (181, 32896), (186, 32908), (226, 32947), (235, 32980), (249, 33061), (258, 33106), (266, 33154), (272, 33190), (275, 33199), (278, 33205), (331, 33430),

Gene: Swiphy_34 Start: 32372, Stop: 33532, Start Num: 28

Candidate Starts for Swiphy_34:

(Start: 28 @32372 has 361 MA's), (Start: 52 @32483 has 1 MA's), (62, 32528), (89, 32627), (105, 32687), (117, 32723), (127, 32747), (143, 32792), (145, 32798), (164, 32849), (180, 32888), (181, 32891), (186, 32903), (226, 32942), (235, 32975), (249, 33056), (266, 33149), (272, 33185), (275, 33194), (278, 33200), (331, 33425),

Gene: Swish_33 Start: 32360, Stop: 33520, Start Num: 28

Candidate Starts for Swish_33:

(Start: 28 @32360 has 361 MA's), (Start: 52 @32471 has 1 MA's), (62, 32516), (89, 32615), (105, 32675), (117, 32711), (127, 32735), (143, 32780), (145, 32786), (164, 32837), (180, 32876), (181, 32879), (186, 32891), (192, 32906), (226, 32930), (235, 32963), (249, 33044), (258, 33089), (266,

33137), (272, 33173), (275, 33182), (278, 33188), (331, 33413),

Gene: SynergyX_33 Start: 32223, Stop: 33425, Start Num: 28

Candidate Starts for SynergyX_33:

(Start: 28 @32223 has 361 MA's), (35, 32256), (68, 32400), (70, 32409), (73, 32418), (83, 32457), (87, 32466), (93, 32484), (97, 32502), (101, 32520), (102, 32526), (106, 32538), (112, 32556), (117, 32571), (130, 32604), (140, 32631), (156, 32676), (188, 32757), (197, 32784), (212, 32802), (219, 32820), (234, 32862), (237, 32886), (251, 32961), (254, 32991), (266, 33051), (268, 33063), (270, 33081), (292, 33183), (319, 33288), (321, 33294), (324, 33312), (340, 33399),

Gene: TA17A_33 Start: 32678, Stop: 33841, Start Num: 28

Candidate Starts for TA17A_33:

(Start: 23 @32672 has 11 MA's), (Start: 28 @32678 has 361 MA's), (36, 32717), (Start: 41 @32747 has 4 MA's), (Start: 52 @32792 has 1 MA's), (62, 32837), (89, 32936), (105, 32996), (117, 33032), (127, 33056), (143, 33101), (145, 33107), (164, 33158), (180, 33197), (181, 33200), (186, 33212), (226, 33251), (235, 33284), (249, 33365), (258, 33410), (266, 33458), (272, 33494), (275, 33503), (278, 33509), (331, 33734),

Gene: TallGrassMM_33 Start: 31999, Stop: 33159, Start Num: 28

Candidate Starts for TallGrassMM_33:

(Start: 28 @31999 has 361 MA's), (Start: 52 @32110 has 1 MA's), (62, 32155), (89, 32254), (105, 32314), (117, 32350), (127, 32374), (143, 32419), (145, 32425), (164, 32476), (180, 32515), (181, 32518), (186, 32530), (192, 32545), (226, 32569), (235, 32602), (249, 32683), (258, 32728), (266, 32776), (272, 32812), (275, 32821), (278, 32827), (331, 33052),

Gene: Taptic_25 Start: 29324, Stop: 30529, Start Num: 26

Candidate Starts for Taptic_25:

(Start: 23 @29321 has 11 MA's), (Start: 26 @29324 has 6 MA's), (Start: 41 @29393 has 4 MA's), (58, 29462), (64, 29492), (68, 29504), (69, 29510), (70, 29513), (73, 29522), (83, 29561), (87, 29570), (90, 29582), (105, 29639), (109, 29648), (112, 29660), (117, 29675), (136, 29720), (140, 29735), (156, 29780), (184, 29849), (195, 29876), (208, 29900), (225, 29945), (234, 29966), (237, 29990), (251, 30065), (254, 30095), (266, 30155), (268, 30167), (270, 30185), (292, 30287), (321, 30398), (324, 30416), (338, 30467), (340, 30503),

Gene: Telesworld_32 Start: 32072, Stop: 33232, Start Num: 28

Candidate Starts for Telesworld_32:

(Start: 28 @32072 has 361 MA's), (Start: 52 @32183 has 1 MA's), (62, 32228), (89, 32327), (105, 32387), (117, 32423), (127, 32447), (143, 32492), (145, 32498), (164, 32549), (180, 32588), (181, 32591), (186, 32603), (226, 32642), (235, 32675), (249, 32756), (258, 32801), (266, 32849), (272, 32885), (275, 32894), (278, 32900), (331, 33125),

Gene: Thonko_30 Start: 29614, Stop: 30771, Start Num: 24

Candidate Starts for Thonko_30:

(19, 29584), (Start: 24 @29614 has 8 MA's), (Start: 52 @29728 has 1 MA's), (79, 29845), (83, 29860), (87, 29869), (93, 29887), (97, 29905), (112, 29959), (146, 30049), (153, 30067), (158, 30085), (248, 30319), (250, 30328), (259, 30370), (273, 30460), (278, 30472),

Gene: Thora_33 Start: 32376, Stop: 33536, Start Num: 28

Candidate Starts for Thora_33:

(Start: 28 @32376 has 361 MA's), (Start: 52 @32487 has 1 MA's), (62, 32532), (89, 32631), (105, 32691), (117, 32727), (127, 32751), (143, 32796), (145, 32802), (164, 32853), (180, 32892), (181, 32895), (186, 32907), (226, 32946), (235, 32979), (249, 33060), (258, 33105), (266, 33153), (272, 33189), (275, 33198), (278, 33204), (331, 33429),

Gene: ThreeOh3D2_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for ThreeOh3D2_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: ThulaThula_22 Start: 21454, Stop: 22491, Start Num: 43

Candidate Starts for ThulaThula_22:

(Start: 43 @21454 has 46 MA's), (80, 21616), (96, 21667), (108, 21703), (120, 21730), (140, 21778), (168, 21835), (205, 21871), (249, 22024), (255, 22060), (268, 22132), (296, 22267), (312, 22321), (331, 22399),

Gene: Thunderbird_32 Start: 32080, Stop: 33240, Start Num: 28

Candidate Starts for Thunderbird_32:

(Start: 28 @32080 has 361 MA's), (Start: 52 @32191 has 1 MA's), (62, 32236), (89, 32335), (105, 32395), (117, 32431), (127, 32455), (143, 32500), (145, 32506), (164, 32557), (180, 32596), (181, 32599), (186, 32611), (192, 32626), (226, 32650), (235, 32683), (249, 32764), (266, 32857), (272, 32893), (275, 32902), (278, 32908), (331, 33133),

Gene: Timmi_32 Start: 32085, Stop: 33245, Start Num: 28

Candidate Starts for Timmi_32:

(Start: 28 @32085 has 361 MA's), (Start: 52 @32196 has 1 MA's), (62, 32241), (89, 32340), (105, 32400), (117, 32436), (127, 32460), (143, 32505), (145, 32511), (164, 32562), (180, 32601), (181, 32604), (186, 32616), (226, 32655), (235, 32688), (249, 32769), (258, 32814), (266, 32862), (272, 32898), (275, 32907), (278, 32913), (331, 33138),

Gene: Tinciduntolum_34 Start: 32810, Stop: 33979, Start Num: 23

Candidate Starts for Tinciduntolum_34:

(11, 32669), (Start: 23 @32810 has 11 MA's), (Start: 28 @32816 has 361 MA's), (36, 32855), (Start: 41 @32885 has 4 MA's), (Start: 52 @32930 has 1 MA's), (62, 32975), (89, 33074), (105, 33134), (117, 33170), (127, 33194), (143, 33239), (145, 33245), (164, 33296), (180, 33335), (181, 33338), (186, 33350), (192, 33365), (226, 33389), (235, 33422), (249, 33503), (266, 33596), (272, 33632), (275, 33641), (278, 33647), (289, 33707), (331, 33872),

Gene: TomBombadil_33 Start: 32370, Stop: 33530, Start Num: 28

Candidate Starts for TomBombadil_33:

(Start: 28 @32370 has 361 MA's), (Start: 52 @32481 has 1 MA's), (62, 32526), (89, 32625), (105, 32685), (117, 32721), (127, 32745), (143, 32790), (145, 32796), (164, 32847), (180, 32886), (181, 32889), (186, 32901), (192, 32916), (226, 32940), (235, 32973), (249, 33054), (266, 33147), (272, 33183), (275, 33192), (278, 33198), (331, 33423),

Gene: Tomlarah_33 Start: 32361, Stop: 33521, Start Num: 28

Candidate Starts for Tomlarah_33:

(Start: 28 @32361 has 361 MA's), (Start: 52 @32472 has 1 MA's), (62, 32517), (89, 32616), (105, 32676), (117, 32712), (127, 32736), (143, 32781), (145, 32787), (164, 32838), (180, 32877), (181, 32880), (186, 32892), (192, 32907), (226, 32931), (235, 32964), (249, 33045), (258, 33090), (266, 33138), (272, 33174), (275, 33183), (278, 33189), (331, 33414),

Gene: Toni_32 Start: 32077, Stop: 33237, Start Num: 28

Candidate Starts for Toni_32:

(Start: 28 @32077 has 361 MA's), (Start: 52 @32188 has 1 MA's), (62, 32233), (89, 32332), (105, 32392), (117, 32428), (127, 32452), (143, 32497), (145, 32503), (164, 32554), (180, 32593), (181, 32596), (186, 32608), (192, 32623), (226, 32647), (235, 32680), (249, 32761), (258, 32806), (266, 32854), (272, 32890), (275, 32899), (278, 32905), (331, 33130),

Gene: Tooj_33 Start: 32434, Stop: 33594, Start Num: 28

Candidate Starts for Tooj_33:

(Start: 28 @32434 has 361 MA's), (Start: 52 @32545 has 1 MA's), (62, 32590), (89, 32689), (105, 32749), (117, 32785), (127, 32809), (143, 32854), (145, 32860), (164, 32911), (180, 32950), (181, 32953), (186, 32965), (226, 33004), (235, 33037), (249, 33118), (258, 33163), (266, 33211), (272, 33247), (275, 33256), (278, 33262), (331, 33487),

Gene: Tortellini_22 Start: 21866, Stop: 22936, Start Num: 43

Candidate Starts for Tortellini_22:

(Start: 43 @21866 has 46 MA's), (103, 22106), (116, 22142), (120, 22151), (124, 22157), (140, 22202), (161, 22247), (169, 22265), (203, 22292), (237, 22373), (250, 22454), (277, 22592), (278, 22595),

Gene: Tres_33 Start: 32691, Stop: 33854, Start Num: 28

Candidate Starts for Tres_33:

(11, 32544), (Start: 23 @32685 has 11 MA's), (Start: 28 @32691 has 361 MA's), (36, 32730), (Start: 41 @32760 has 4 MA's), (Start: 52 @32805 has 1 MA's), (62, 32850), (89, 32949), (105, 33009), (117, 33045), (127, 33069), (143, 33114), (145, 33120), (164, 33171), (180, 33210), (181, 33213), (186, 33225), (192, 33240), (226, 33264), (235, 33297), (249, 33378), (266, 33471), (272, 33507), (275, 33516), (278, 33522), (331, 33747),

Gene: True_32 Start: 32074, Stop: 33234, Start Num: 28

Candidate Starts for True_32:

(Start: 28 @32074 has 361 MA's), (Start: 52 @32185 has 1 MA's), (62, 32230), (89, 32329), (105, 32389), (117, 32425), (127, 32449), (143, 32494), (145, 32500), (164, 32551), (180, 32590), (181, 32593), (186, 32605), (192, 32620), (226, 32644), (235, 32677), (249, 32758), (258, 32803), (266, 32851), (272, 32887), (275, 32896), (278, 32902), (331, 33127),

Gene: Trypo_33 Start: 32370, Stop: 33530, Start Num: 28

Candidate Starts for Trypo_33:

(Start: 28 @32370 has 361 MA's), (Start: 52 @32481 has 1 MA's), (62, 32526), (89, 32625), (105, 32685), (117, 32721), (127, 32745), (143, 32790), (145, 32796), (164, 32847), (180, 32886), (181, 32889), (186, 32901), (192, 32916), (226, 32940), (235, 32973), (249, 33054), (258, 33099), (266, 33147), (272, 33183), (275, 33192), (278, 33198), (331, 33423),

Gene: TyDawg_31 Start: 26992, Stop: 28047, Start Num: 43

Candidate Starts for TyDawg_31:

(Start: 43 @26992 has 46 MA's), (96, 27205), (108, 27241), (136, 27304), (168, 27376), (203, 27406), (210, 27427), (233, 27463), (239, 27499), (247, 27547), (249, 27568), (251, 27574), (255, 27604), (256, 27607), (264, 27655), (303, 27844), (312, 27865), (325, 27919),

Gene: Tydolla_33 Start: 32957, Stop: 34159, Start Num: 28

Candidate Starts for Tydolla_33:

(Start: 28 @32957 has 361 MA's), (35, 32990), (68, 33134), (70, 33143), (73, 33152), (83, 33191), (87, 33200), (93, 33218), (105, 33269), (109, 33278), (112, 33290), (114, 33296), (117, 33305), (136, 33350), (140, 33365), (156, 33410), (171, 33449), (184, 33479), (189, 33494), (195, 33506), (208, 33530), (225, 33575), (234, 33596), (237, 33620), (251, 33695), (254, 33725), (266, 33785), (268, 33797), (270, 33815), (292, 33917), (319, 34022), (321, 34028), (324, 34046), (340, 34133),

Gene: Typha_28 Start: 26025, Stop: 27062, Start Num: 43

Candidate Starts for Typha_28:

(Start: 43 @26025 has 46 MA's), (69, 26148), (85, 26202), (96, 26238), (120, 26301), (140, 26349), (167, 26403), (168, 26406), (249, 26592), (255, 26628), (262, 26670), (266, 26688), (278, 26739),

Gene: TyrionL_32 Start: 31933, Stop: 33093, Start Num: 28

Candidate Starts for TyrionL_32:

(Start: 28 @31933 has 361 MA's), (Start: 52 @32044 has 1 MA's), (62, 32089), (89, 32188), (105, 32248), (117, 32284), (127, 32308), (143, 32353), (145, 32359), (164, 32410), (180, 32449), (181, 32452), (186, 32464), (192, 32479), (226, 32503), (235, 32536), (249, 32617), (258, 32662), (266, 32710), (272, 32746), (275, 32755), (278, 32761), (331, 32986),

Gene: Tyson_21 Start: 21688, Stop: 22860, Start Num: 30

Candidate Starts for Tyson_21:

(Start: 27 @21685 has 5 MA's), (Start: 30 @21688 has 34 MA's), (56, 21814), (66, 21856), (69, 21868), (70, 21871), (79, 21904), (82, 21916), (97, 21964), (101, 21982), (112, 22018), (117, 22033), (138, 22084), (148, 22114), (163, 22156), (175, 22180), (218, 22216), (221, 22222), (230, 22249), (234, 22267), (251, 22360), (252, 22363), (265, 22447), (293, 22585), (298, 22603), (319, 22687),

Gene: UAch1_33 Start: 32383, Stop: 33543, Start Num: 28

Candidate Starts for UAch1_33:

(Start: 28 @32383 has 361 MA's), (Start: 52 @32494 has 1 MA's), (62, 32539), (89, 32638), (105, 32698), (117, 32734), (127, 32758), (143, 32803), (145, 32809), (164, 32860), (180, 32899), (181, 32902), (186, 32914), (226, 32953), (235, 32986), (249, 33067), (258, 33112), (266, 33160), (272, 33196), (275, 33205), (278, 33211), (331, 33436),

Gene: UPIE_21 Start: 21683, Stop: 22858, Start Num: 27

Candidate Starts for UPIE_21:

(Start: 27 @21683 has 5 MA's), (Start: 30 @21686 has 34 MA's), (56, 21812), (66, 21854), (69, 21866), (70, 21869), (79, 21902), (82, 21914), (97, 21962), (101, 21980), (112, 22016), (117, 22031), (138, 22082), (148, 22112), (163, 22154), (175, 22178), (218, 22214), (221, 22220), (230, 22247), (234, 22265), (251, 22358), (252, 22361), (265, 22445), (293, 22583), (298, 22601), (319, 22685),

Gene: UncleHowie_33 Start: 32073, Stop: 33233, Start Num: 28

Candidate Starts for UncleHowie_33:

(Start: 28 @32073 has 361 MA's), (Start: 52 @32184 has 1 MA's), (62, 32229), (89, 32328), (105, 32388), (117, 32424), (127, 32448), (143, 32493), (145, 32499), (164, 32550), (180, 32589), (181, 32592), (186, 32604), (192, 32619), (226, 32643), (235, 32676), (249, 32757), (258, 32802), (266, 32850), (272, 32886), (275, 32895), (278, 32901), (331, 33126),

Gene: Usavi_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Usavi_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: Vaishali24_32 Start: 32035, Stop: 33195, Start Num: 28

Candidate Starts for Vaishali24_32:

(Start: 28 @32035 has 361 MA's), (Start: 52 @32146 has 1 MA's), (62, 32191), (89, 32290), (105, 32350), (117, 32386), (127, 32410), (143, 32455), (145, 32461), (164, 32512), (180, 32551), (181, 32554), (186, 32566), (226, 32605), (235, 32638), (249, 32719), (258, 32764), (266, 32812), (272,

32848), (275, 32857), (278, 32863), (331, 33088),

Gene: Valjean_33 Start: 32366, Stop: 33526, Start Num: 28

Candidate Starts for Valjean_33:

(Start: 28 @32366 has 361 MA's), (Start: 52 @32477 has 1 MA's), (62, 32522), (89, 32621), (105, 32681), (117, 32717), (127, 32741), (143, 32786), (145, 32792), (164, 32843), (180, 32882), (181, 32885), (186, 32897), (226, 32936), (235, 32969), (249, 33050), (258, 33095), (266, 33143), (272, 33179), (275, 33188), (278, 33194), (331, 33419),

Gene: Vanisoa_31 Start: 24621, Stop: 25826, Start Num: 28

Candidate Starts for Vanisoa_31:

(Start: 28 @24621 has 361 MA's), (64, 24786), (68, 24798), (69, 24804), (70, 24807), (99, 24909), (109, 24942), (136, 25014), (143, 25038), (152, 25062), (187, 25146), (249, 25353), (250, 25356), (254, 25389), (278, 25500), (311, 25656),

Gene: Vaticameos_33 Start: 32064, Stop: 33224, Start Num: 28

Candidate Starts for Vaticameos_33:

(Start: 28 @32064 has 361 MA's), (Start: 52 @32175 has 1 MA's), (62, 32220), (89, 32319), (105, 32379), (117, 32415), (127, 32439), (143, 32484), (145, 32490), (164, 32541), (180, 32580), (181, 32583), (186, 32595), (192, 32610), (226, 32634), (235, 32667), (249, 32748), (258, 32793), (266, 32841), (272, 32877), (275, 32886), (278, 32892), (331, 33117),

Gene: Velveteen_20 Start: 20087, Stop: 21244, Start Num: 40

Candidate Starts for Velveteen_20:

(Start: 40 @20087 has 3 MA's), (Start: 43 @20090 has 46 MA's), (Start: 71 @20219 has 1 MA's), (79, 20249), (88, 20279), (91, 20288), (95, 20303), (101, 20327), (108, 20351), (111, 20363), (138, 20438), (140, 20447), (149, 20471), (158, 20501), (203, 20585), (204, 20588), (213, 20609), (264, 20858), (266, 20867), (270, 20897), (278, 20918), (287, 20987), (341, 21221),

Gene: Veritas_32 Start: 31936, Stop: 33096, Start Num: 28

Candidate Starts for Veritas_32:

(Start: 28 @31936 has 361 MA's), (Start: 52 @32047 has 1 MA's), (62, 32092), (89, 32191), (105, 32251), (117, 32287), (127, 32311), (143, 32356), (145, 32362), (164, 32413), (180, 32452), (181, 32455), (186, 32467), (226, 32506), (235, 32539), (249, 32620), (266, 32713), (272, 32749), (275, 32758), (278, 32764), (331, 32989),

Gene: Vic9_34 Start: 33132, Stop: 34337, Start Num: 26

Candidate Starts for Vic9_34:

(13, 32988), (Start: 23 @33129 has 11 MA's), (Start: 26 @33132 has 6 MA's), (Start: 41 @33201 has 4 MA's), (58, 33270), (64, 33300), (68, 33312), (69, 33318), (70, 33321), (73, 33330), (83, 33369), (87, 33378), (90, 33390), (105, 33447), (109, 33456), (112, 33468), (117, 33483), (136, 33528), (140, 33543), (156, 33588), (184, 33657), (195, 33684), (208, 33708), (227, 33756), (229, 33762), (234, 33774), (237, 33798), (251, 33873), (254, 33903), (266, 33963), (268, 33975), (270, 33993), (291, 34092), (292, 34095), (319, 34200), (321, 34206), (332, 34272), (338, 34275),

Gene: Vincenzo_31 Start: 33326, Stop: 34483, Start Num: 28

Candidate Starts for Vincenzo_31:

(Start: 28 @33326 has 361 MA's), (49, 33419), (Start: 52 @33434 has 1 MA's), (55, 33449), (58, 33461), (62, 33479), (86, 33569), (100, 33620), (102, 33629), (109, 33647), (117, 33674), (125, 33689), (126, 33695), (127, 33701), (140, 33734), (143, 33743), (155, 33776), (168, 33809), (172, 33821), (186, 33854), (192, 33869), (233, 33899), (234, 33905), (245, 33971), (248, 33995), (250, 34004), (278, 34151), (310, 34304),

Gene: VioletZ_30 Start: 32678, Stop: 33835, Start Num: 28

Candidate Starts for VioletZ_30:

(Start: 28 @32678 has 361 MA's), (49, 32771), (Start: 52 @32786 has 1 MA's), (55, 32801), (58, 32813), (62, 32831), (73, 32873), (86, 32921), (100, 32972), (102, 32981), (109, 32999), (117, 33026), (125, 33041), (126, 33047), (127, 33053), (129, 33059), (140, 33086), (143, 33095), (155, 33128), (168, 33161), (192, 33221), (233, 33251), (234, 33257), (242, 33302), (250, 33356), (251, 33359), (278, 33503), (310, 33656),

Gene: Virapocalypse_33 Start: 32361, Stop: 33521, Start Num: 28

Candidate Starts for Virapocalypse_33:

(Start: 28 @32361 has 361 MA's), (Start: 52 @32472 has 1 MA's), (62, 32517), (89, 32616), (105, 32676), (117, 32712), (127, 32736), (143, 32781), (145, 32787), (164, 32838), (180, 32877), (181, 32880), (186, 32892), (226, 32931), (235, 32964), (249, 33045), (258, 33090), (266, 33138), (272, 33174), (275, 33183), (278, 33189), (331, 33414),

Gene: Virgeve_32 Start: 32141, Stop: 33301, Start Num: 28

Candidate Starts for Virgeve_32:

(Start: 28 @32141 has 361 MA's), (Start: 52 @32252 has 1 MA's), (62, 32297), (89, 32396), (105, 32456), (117, 32492), (127, 32516), (143, 32561), (145, 32567), (164, 32618), (180, 32657), (181, 32660), (186, 32672), (226, 32711), (235, 32744), (249, 32825), (258, 32870), (266, 32918), (272, 32954), (275, 32963), (278, 32969), (331, 33194),

Gene: Vista_33 Start: 32374, Stop: 33534, Start Num: 28

Candidate Starts for Vista_33:

(Start: 28 @32374 has 361 MA's), (Start: 52 @32485 has 1 MA's), (62, 32530), (89, 32629), (105, 32689), (117, 32725), (127, 32749), (143, 32794), (145, 32800), (164, 32851), (180, 32890), (181, 32893), (186, 32905), (192, 32920), (226, 32944), (235, 32977), (249, 33058), (258, 33103), (266, 33151), (272, 33187), (275, 33196), (278, 33202), (331, 33427),

Gene: Vivaldi_33 Start: 32403, Stop: 33563, Start Num: 28

Candidate Starts for Vivaldi_33:

(Start: 28 @32403 has 361 MA's), (Start: 52 @32514 has 1 MA's), (62, 32559), (89, 32658), (105, 32718), (117, 32754), (127, 32778), (143, 32823), (145, 32829), (164, 32880), (180, 32919), (181, 32922), (186, 32934), (226, 32973), (235, 33006), (249, 33087), (258, 33132), (266, 33180), (272, 33216), (275, 33225), (278, 33231), (331, 33456),

Gene: Vortex_33 Start: 32080, Stop: 33240, Start Num: 28

Candidate Starts for Vortex_33:

(Start: 28 @32080 has 361 MA's), (Start: 52 @32191 has 1 MA's), (62, 32236), (89, 32335), (105, 32395), (117, 32431), (127, 32455), (143, 32500), (145, 32506), (164, 32557), (180, 32596), (181, 32599), (186, 32611), (226, 32650), (235, 32683), (249, 32764), (258, 32809), (266, 32857), (272, 32893), (275, 32902), (278, 32908), (331, 33133),

Gene: Waleliano_30 Start: 32605, Stop: 33762, Start Num: 28

Candidate Starts for Waleliano_30:

(Start: 28 @32605 has 361 MA's), (49, 32698), (Start: 52 @32713 has 1 MA's), (55, 32728), (58, 32740), (62, 32758), (73, 32800), (100, 32899), (102, 32908), (109, 32926), (117, 32953), (125, 32968), (126, 32974), (127, 32980), (129, 32986), (140, 33013), (143, 33022), (155, 33055), (168, 33088), (192, 33148), (233, 33178), (234, 33184), (236, 33205), (242, 33229), (250, 33283), (251, 33286), (310, 33583),

Gene: Wallhey_32 Start: 31937, Stop: 33097, Start Num: 28

Candidate Starts for Wallhey_32:

(Start: 28 @31937 has 361 MA's), (Start: 52 @32048 has 1 MA's), (62, 32093), (89, 32192), (105, 32252), (117, 32288), (127, 32312), (143, 32357), (145, 32363), (164, 32414), (180, 32453), (181, 32456), (186, 32468), (192, 32483), (226, 32507), (235, 32540), (249, 32621), (258, 32666), (266, 32714), (272, 32750), (275, 32759), (278, 32765), (331, 32990),

Gene: Wamburgxpress_21 Start: 21701, Stop: 22873, Start Num: 30

Candidate Starts for Wamburgxpress_21:

(Start: 27 @21698 has 5 MA's), (Start: 30 @21701 has 34 MA's), (56, 21827), (66, 21869), (69, 21881), (70, 21884), (79, 21917), (82, 21929), (97, 21977), (101, 21995), (112, 22031), (117, 22046), (138, 22097), (148, 22127), (163, 22169), (175, 22193), (218, 22229), (221, 22235), (230, 22262), (234, 22280), (251, 22373), (252, 22376), (265, 22460), (293, 22598), (298, 22616), (319, 22700),

Gene: Waterdiva_33 Start: 32366, Stop: 33526, Start Num: 28

Candidate Starts for Waterdiva_33:

(Start: 28 @32366 has 361 MA's), (Start: 52 @32477 has 1 MA's), (62, 32522), (89, 32621), (105, 32681), (117, 32717), (127, 32741), (143, 32786), (145, 32792), (164, 32843), (180, 32882), (181, 32885), (186, 32897), (192, 32912), (226, 32936), (235, 32969), (249, 33050), (258, 33095), (266, 33143), (272, 33179), (275, 33188), (278, 33194), (331, 33419),

Gene: Weher20_33 Start: 32365, Stop: 33525, Start Num: 28

Candidate Starts for Weher20_33:

(Start: 28 @32365 has 361 MA's), (Start: 52 @32476 has 1 MA's), (62, 32521), (89, 32620), (105, 32680), (117, 32716), (127, 32740), (143, 32785), (145, 32791), (164, 32842), (180, 32881), (181, 32884), (186, 32896), (226, 32935), (235, 32968), (249, 33049), (266, 33142), (272, 33178), (275, 33187), (278, 33193), (331, 33418),

Gene: West99_33 Start: 32811, Stop: 33974, Start Num: 28

Candidate Starts for West99_33:

(11, 32664), (Start: 23 @32805 has 11 MA's), (Start: 28 @32811 has 361 MA's), (36, 32850), (Start: 41 @32880 has 4 MA's), (Start: 52 @32925 has 1 MA's), (62, 32970), (89, 33069), (105, 33129), (117, 33165), (127, 33189), (143, 33234), (145, 33240), (164, 33291), (180, 33330), (181, 33333), (186, 33345), (192, 33360), (226, 33384), (235, 33417), (249, 33498), (258, 33543), (266, 33591), (272, 33627), (275, 33636), (278, 33642), (331, 33867),

Gene: Whirlwind_23 Start: 22004, Stop: 23203, Start Num: 30

Candidate Starts for Whirlwind_23:

(Start: 30 @22004 has 34 MA's), (58, 22136), (69, 22184), (81, 22229), (83, 22235), (94, 22271), (104, 22310), (106, 22316), (109, 22322), (125, 22364), (150, 22436), (170, 22484), (174, 22496), (177, 22502), (209, 22571), (234, 22640), (249, 22733), (254, 22769), (265, 22823), (268, 22841), (311, 23033), (336, 23141),

Gene: Windsor_32 Start: 32070, Stop: 33230, Start Num: 28

Candidate Starts for Windsor_32:

(Start: 28 @32070 has 361 MA's), (Start: 52 @32181 has 1 MA's), (62, 32226), (89, 32325), (105, 32385), (117, 32421), (127, 32445), (143, 32490), (145, 32496), (164, 32547), (180, 32586), (181, 32589), (186, 32601), (226, 32640), (235, 32673), (249, 32754), (258, 32799), (266, 32847), (272, 32883), (275, 32892), (278, 32898), (331, 33123),

Gene: Wyatt2_21 Start: 21688, Stop: 22860, Start Num: 30

Candidate Starts for Wyatt2_21:

(Start: 27 @21685 has 5 MA's), (Start: 30 @21688 has 34 MA's), (56, 21814), (66, 21856), (69, 21868), (70, 21871), (79, 21904), (82, 21916), (97, 21964), (101, 21982), (112, 22018), (117, 22033), (138, 22084), (148, 22114), (163, 22156), (175, 22180), (218, 22216), (221, 22222), (230, 22249),

(234, 22267), (251, 22360), (252, 22363), (265, 22447), (293, 22585), (298, 22603), (319, 22687),

Gene: Xavier_32 Start: 32087, Stop: 33247, Start Num: 28

Candidate Starts for Xavier_32:

(Start: 28 @32087 has 361 MA's), (Start: 52 @32198 has 1 MA's), (62, 32243), (89, 32342), (105, 32402), (117, 32438), (127, 32462), (143, 32507), (145, 32513), (164, 32564), (180, 32603), (181, 32606), (186, 32618), (226, 32657), (235, 32690), (249, 32771), (266, 32864), (272, 32900), (275, 32909), (278, 32915), (331, 33140),

Gene: Xincheng_29 Start: 32060, Stop: 33217, Start Num: 28

Candidate Starts for Xincheng_29:

(Start: 28 @32060 has 361 MA's), (49, 32153), (Start: 52 @32168 has 1 MA's), (55, 32183), (58, 32195), (62, 32213), (68, 32237), (73, 32255), (76, 32270), (100, 32354), (102, 32363), (109, 32381), (125, 32423), (126, 32429), (127, 32435), (129, 32441), (140, 32468), (143, 32477), (155, 32510), (168, 32543), (175, 32561), (192, 32603), (233, 32633), (234, 32639), (250, 32738), (251, 32741), (269, 32852), (278, 32885), (310, 33038), (317, 33062), (319, 33074),

Gene: Xula_21 Start: 20946, Stop: 22157, Start Num: 43

Candidate Starts for Xula_21:

(Start: 43 @20946 has 46 MA's), (48, 20970), (60, 21027), (Start: 71 @21075 has 1 MA's), (88, 21135), (91, 21144), (95, 21159), (101, 21183), (108, 21207), (111, 21219), (123, 21255), (138, 21294), (140, 21303), (149, 21327), (158, 21357), (191, 21441), (193, 21444), (199, 21465), (203, 21501), (204, 21504), (213, 21525), (230, 21567), (249, 21684), (255, 21720), (257, 21726), (278, 21831), (292, 21912),

Gene: Yahalom_33 Start: 32232, Stop: 33434, Start Num: 28

Candidate Starts for Yahalom_33:

(Start: 28 @32232 has 361 MA's), (35, 32265), (68, 32409), (70, 32418), (73, 32427), (83, 32466), (87, 32475), (93, 32493), (97, 32511), (101, 32529), (102, 32535), (106, 32547), (112, 32565), (117, 32580), (130, 32613), (140, 32640), (156, 32685), (188, 32766), (197, 32793), (212, 32811), (219, 32829), (234, 32871), (254, 33000), (270, 33090), (292, 33192), (304, 33249), (307, 33258), (319, 33297), (332, 33369), (341, 33411),

Gene: Yinz_33 Start: 32255, Stop: 33457, Start Num: 28

Candidate Starts for Yinz_33:

(Start: 28 @32255 has 361 MA's), (35, 32288), (68, 32432), (70, 32441), (73, 32450), (83, 32489), (87, 32498), (93, 32516), (97, 32534), (101, 32552), (102, 32558), (106, 32570), (112, 32588), (117, 32603), (130, 32636), (140, 32663), (156, 32708), (188, 32789), (197, 32816), (212, 32834), (219, 32852), (234, 32894), (254, 33023), (259, 33032), (270, 33113), (292, 33215), (304, 33272), (307, 33281), (319, 33320), (332, 33392), (341, 33434),

Gene: Yoshand_33 Start: 32373, Stop: 33533, Start Num: 28

Candidate Starts for Yoshand_33:

(Start: 28 @32373 has 361 MA's), (Start: 52 @32484 has 1 MA's), (62, 32529), (89, 32628), (105, 32688), (117, 32724), (127, 32748), (143, 32793), (145, 32799), (164, 32850), (180, 32889), (181, 32892), (186, 32904), (192, 32919), (226, 32943), (235, 32976), (249, 33057), (258, 33102), (266, 33150), (272, 33186), (275, 33195), (278, 33201), (331, 33426),

Gene: YouGoGlencoco_33 Start: 32368, Stop: 33528, Start Num: 28

Candidate Starts for YouGoGlencoco_33:

(Start: 28 @32368 has 361 MA's), (Start: 52 @32479 has 1 MA's), (62, 32524), (89, 32623), (105, 32683), (117, 32719), (127, 32743), (143, 32788), (145, 32794), (164, 32845), (180, 32884), (181, 32887), (186, 32899), (192, 32914), (226, 32938), (235, 32971), (249, 33052), (258, 33097), (266,

33145), (272, 33181), (275, 33190), (278, 33196), (331, 33421),

Gene: Zaider_34 Start: 32598, Stop: 33758, Start Num: 28

Candidate Starts for Zaider_34:

(Start: 28 @32598 has 361 MA's), (Start: 52 @32709 has 1 MA's), (62, 32754), (89, 32853), (105, 32913), (117, 32949), (127, 32973), (143, 33018), (145, 33024), (164, 33075), (180, 33114), (181, 33117), (186, 33129), (192, 33144), (226, 33168), (235, 33201), (249, 33282), (258, 33327), (266, 33375), (272, 33411), (275, 33420), (278, 33426), (331, 33651),

Gene: Zaria_21 Start: 21702, Stop: 22874, Start Num: 30

Candidate Starts for Zaria_21:

(Start: 27 @21699 has 5 MA's), (Start: 30 @21702 has 34 MA's), (56, 21828), (66, 21870), (69, 21882), (70, 21885), (79, 21918), (82, 21930), (85, 21939), (97, 21978), (101, 21996), (112, 22032), (117, 22047), (138, 22098), (148, 22128), (163, 22170), (175, 22194), (218, 22230), (221, 22236), (230, 22263), (234, 22281), (251, 22374), (252, 22377), (265, 22461), (293, 22599), (298, 22617), (319, 22701),

Gene: Zelda_33 Start: 32415, Stop: 33575, Start Num: 28

Candidate Starts for Zelda_33:

(Start: 28 @32415 has 361 MA's), (Start: 52 @32526 has 1 MA's), (62, 32571), (89, 32670), (105, 32730), (117, 32766), (127, 32790), (143, 32835), (145, 32841), (164, 32892), (180, 32931), (181, 32934), (186, 32946), (226, 32985), (235, 33018), (249, 33099), (258, 33144), (266, 33192), (272, 33228), (275, 33237), (278, 33243), (331, 33468),

Gene: Zemanar_31 Start: 32608, Stop: 33765, Start Num: 28

Candidate Starts for Zemanar_31:

(Start: 28 @32608 has 361 MA's), (49, 32701), (Start: 52 @32716 has 1 MA's), (55, 32731), (58, 32743), (62, 32761), (73, 32803), (100, 32902), (102, 32911), (109, 32929), (117, 32956), (125, 32971), (126, 32977), (127, 32983), (129, 32989), (140, 33016), (143, 33025), (155, 33058), (168, 33091), (192, 33151), (233, 33181), (234, 33187), (242, 33232), (250, 33286), (251, 33289), (278, 33433), (310, 33586),

Gene: Zenteno07_35 Start: 31167, Stop: 32306, Start Num: 22

Candidate Starts for Zenteno07_35:

(9, 30954), (Start: 22 @31167 has 1 MA's), (33, 31209), (46, 31257), (Start: 52 @31287 has 1 MA's), (56, 31308), (Start: 71 @31368 has 1 MA's), (83, 31416), (84, 31419), (87, 31425), (94, 31452), (100, 31476), (102, 31485), (119, 31536), (164, 31656), (171, 31674), (251, 31860), (260, 31905), (273, 31989), (278, 32001), (283, 32040), (299, 32118),

Gene: Zonia_33 Start: 32387, Stop: 33547, Start Num: 28

Candidate Starts for Zonia_33:

(Start: 28 @32387 has 361 MA's), (Start: 52 @32498 has 1 MA's), (62, 32543), (89, 32642), (105, 32702), (117, 32738), (127, 32762), (143, 32807), (145, 32813), (164, 32864), (180, 32903), (181, 32906), (186, 32918), (192, 32933), (226, 32957), (235, 32990), (249, 33071), (258, 33116), (266, 33164), (272, 33200), (275, 33209), (278, 33215), (331, 33440),