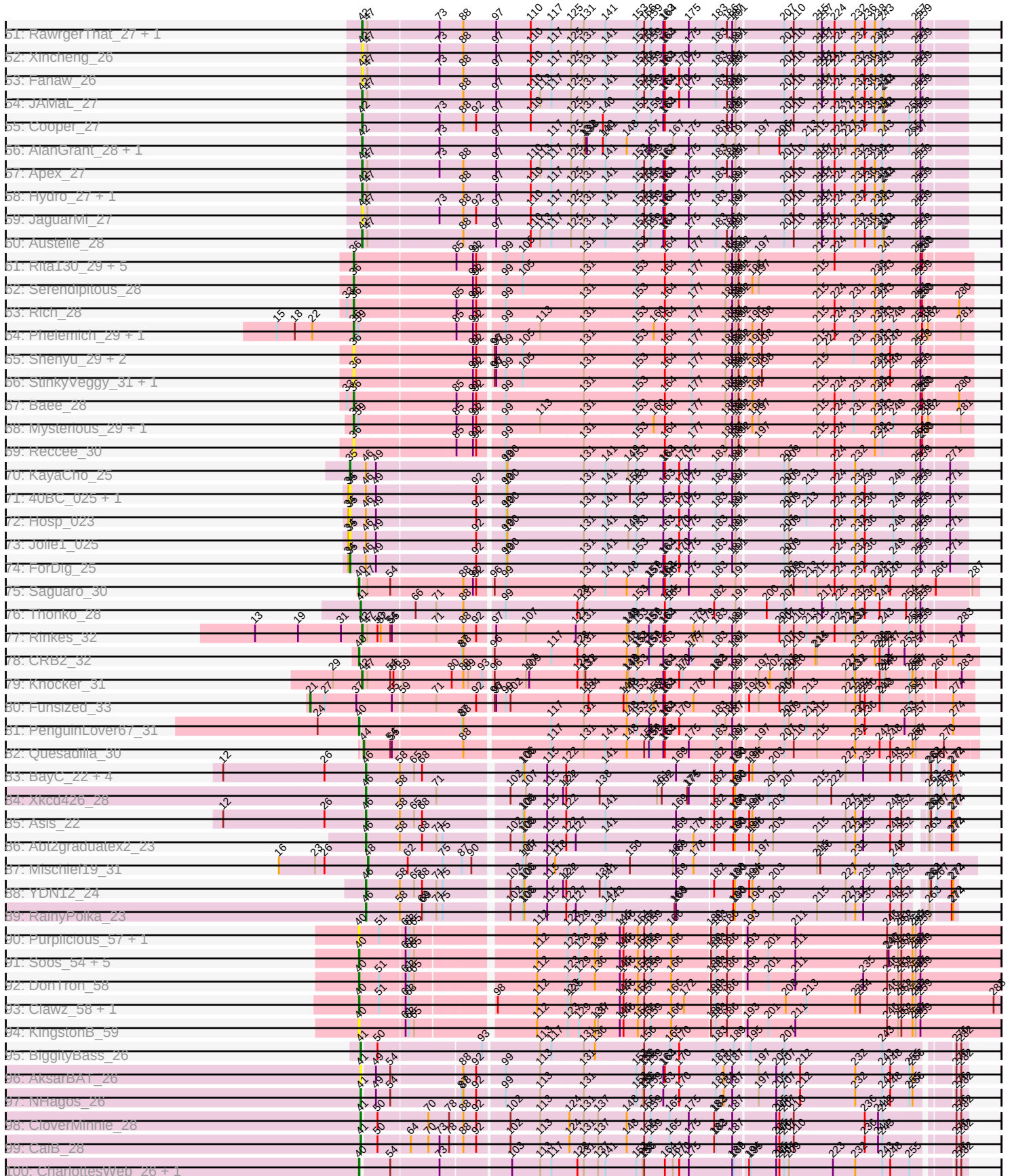
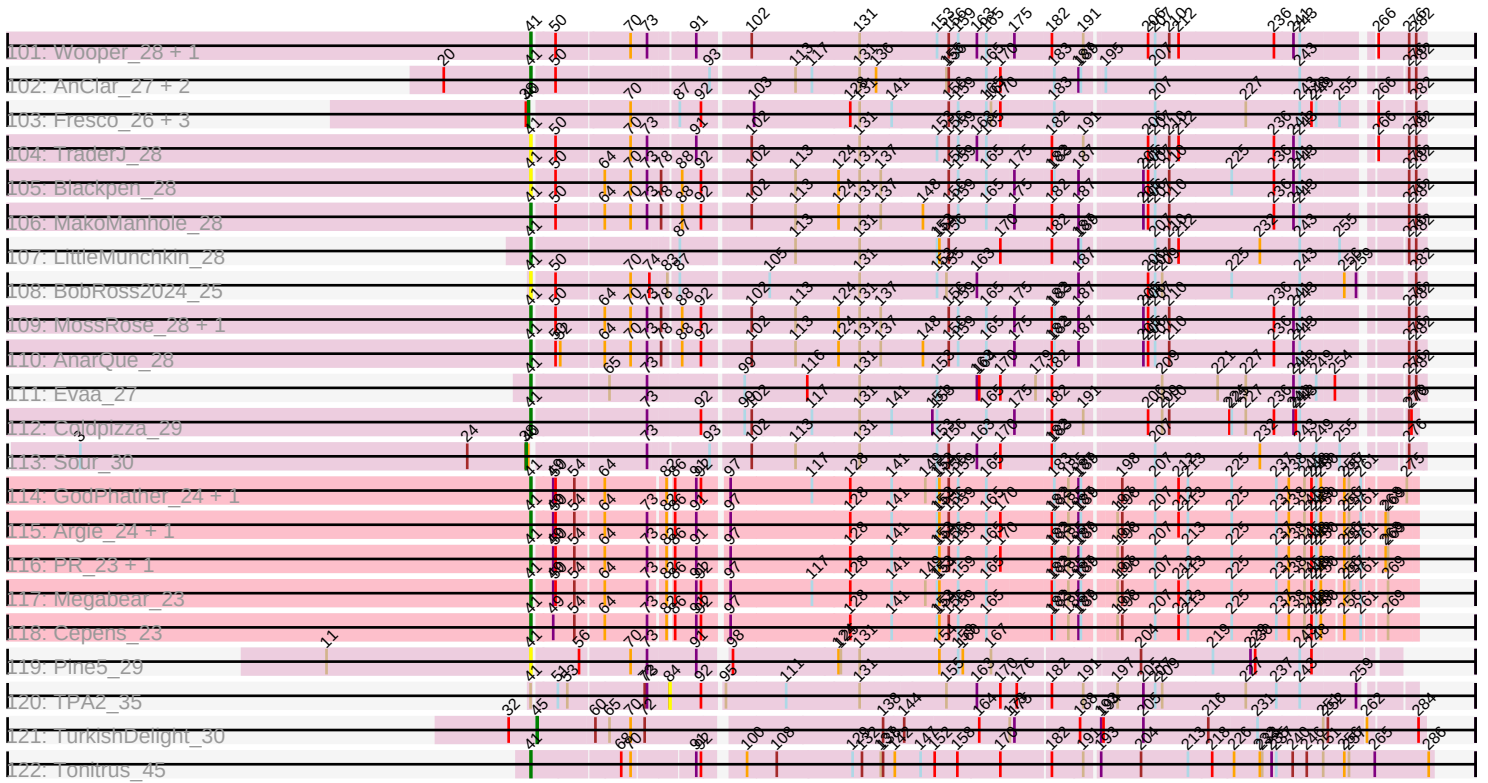


Pham 238364



Pham 238364



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 238364 Report

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

Pham number 238364 has 550 members, 80 are drafts.

Phages represented in each track:

- Track 1 : Dori_26
- Track 2 : Mask_26, Mao1_25, Sejanus_26
- Track 3 : Causa_35
- Track 4 : StAugustine_33
- Track 5 : Cannibal_30, Banjo_29, Gophee_30, KingTut_21, RedRaider89_30, Murdoc_30, Happabalu_30, Sigman_30, Scoot17C_30, Puhltonio_30, BlackStallion_30, Lasso_30, DoOn_31, Podrick_30, Mesh1_30, Maru_29, MiniBoss_30, Scrick_30, MitKao_30, TomBombadil_30, Phipps_30, Craff_30, AltPhacts_30, Orion_30, Lulwa_30, PhrodoBaggins_29, Mulan_29, Megatron_30, Dingo_30, FriarPreacher_30, LuckyMarjie_29, Altwerkus_29, Vaticameos_30, IsaacEli_30, Prickles_30, Cher_29, Tooj_30, CampRoach_30, Telesworld_29, Haleema_29, ProfessorX_30, JacAttac_30, Chaelin_30, Anderson_30, Harvey_30, Tomlarah_30, Antonia_29, Charles1_30, Vortex_30, QueenBeane_30, Omniscient_30, Kwadwo_29, Simielle_29, Mana_29, SirBeauregard_30, Iridoclysis_30, Phareon_30, Badfish_30, Adriana_30, Freya_29, Held_30, Lego3393_30, Kimbrough_30, Giraffe_30, Orfeu_29, Mecca_29, Oosterbaan_30, Schadenfreude_29, LostAndPhound_29, KlimbOn_30, Toni_29, Chunky_30, Riggan_30, Matalotodo_30, Triad_30, Mutante_29, Bishoperium_29, SilverBell_30, Usavi_30, BoogieWoogie_29, LeiMonet_30, Gyarad_0030, Zelda_30, YouGoGlencoco_30, Xavier_29, EmpTee_30, Lumine_29, Inverness_30, LemonSlice_30, Thora_30, Bluephacebaby_29, HSavage_30, UAch1_30, Basato_31, Eremos_30, Beaglebox_29, Lopsy_29, Sophia_29, Sheila_30, Buckeye_30, Mosaic_29, Eugenia_30, Samaymay_30, Solosis_29, Gwilliam_30, Skippy_30, Katniss_30, Squiggle_30, CamL_30, Plmatters_30, SassyCat97_29, Lehmann_30, Megamind20_30, Burr_29, Childish_29, Newman_30, PhatCats2014_30, Soto_30, Ricotta_29, PG1_30, Morty_30, Squid_30, Roscoe_31, Daffy_30, Phunky_30, Phamished_30, Fringe_30, ABU_30, Numberten_30, SallyH_30, BlueHusk_30, LeeLot_30, TooFast2Furious_31, Vista_30, Aonishiki_30, FluffyNinja_30, Hetaeria_30, Hertubise_30, Grand2040_29, Vivaldi_30, Swish_30, Nyala_29, Kloppinator_30, AbsoluteMadLad_29, Carthage_28, Serendipity_30, Roy17_30, Andre_30, Kahve_29, Nacho_0030, Cosmolli16_29, DonSancho_29, Legolas_29, Waterdiva_30, Serpentine_0030, HighStump_29, Spartan300_30, Suffolk_30, ShadowBud_30, Apizium_29, Dice_29, Nicole21_30, Surely_30, Chorkpop_30, MRabcd_29, Slatt_30, Lulumae_29, ThreeOh3D2_30, Virapocalypse_30, Dione_29, Crownjwl_30, True_29, Selr12_30, Timmi_29, Kikipoo_30, Valjean_30, ShiVal_30, Dati_30, Potter_29, Morgushi_30, Piglet_0029, HenryJackson_29, Pherdinand_30, FugateOSU_29, JangoPhett_30, Horchata_30, Iridessa_30, Inchworm_30, Olak_29,

Mesmerelda_29, Boehler_30, Cornobble_29, DoesntMatter_30, KLUcky39_30,
 RedMaple_29, Pacifista_29, Pipsqueak_30, Mcshane_29, Aelin_29, Orwigg_29,
 SDcharge11_30, Gareth_29, Quisquilliae_30, UncleHowie_30
 • Track 6 : Kailash_30, PallasAthena_30, DuchessDung_28, DelRivs_29, Durga_30,
 Caspiroi_29, BatteryCK_29, Maskar_29, Cornbread_29, Derpp_29, TyrionL_29,
 Hocus_29, Veritas_29, GeneCoco_30, MichaelPhcott_29, JakeO_29, Mag7_29,
 Pinkman_29, Phleuron_29, Ashraf_29, ImtiyazSitla_29, PhrankReynolds_29,
 PhenghisKhan_29, LasagnaCat_30, Brilliant_30, Swiphy_30, Trypo_30, Hartsy_30,
 Phergie_29, Longacauda_29, PhatLouie_30, Khan1_30, Rimu_30, Kwksand96_29,
 Wallhey_29, Labeouficaum_29, Jesabah_30, Jiraiya_29, MrPhizzler_30, Oline_29,
 Soile_30, AngelCake_30, Magic8_30, CharlieGBrown_29, Chuni_29
 • Track 7 : PinheadLarry_30, Emiris_30, Cobra_30, Riverton_29, Schueller_29,
 Pops_30, HogWash_29, Frankicide_30, Daka_30, Etaye_30, Chipette_31
 • Track 8 : Coletti_30, Thunderbird_29, Duggie_29, Jiminy_29, Chute_29, JDog_29,
 MelsMeow_29, Windsor_29, Virgeve_29, Aleia_30, ElvisPhasley_30,
 OSmaximus_30, Plata_30, Doddsville_30, BlacksBerry_29, Fozzie_29, Weher20_30,
 Keitherie_30, Melc17_30, Flake_31, Gwennie1_30, Larson_31, DaddyDaniels_30,
 Struggle_29, Placalicious_29
 • Track 9 : Roliet_30, Mikota_30, CheetO_30
 • Track 10 : Chah_31, Colbert_30, KingVeVeVe_30, TallGrassMM_30, Zaider_31,
 OliverWalter_30, Yoshand_30, Fang_30
 • Track 11 : Manad_29
 • Track 12 : FremontTroll_30
 • Track 13 : Nathan_30
 • Track 14 : Jillium_29
 • Track 15 : Hamish_30, Haimas_30
 • Track 16 : FleetyMac_29
 • Track 17 : Olive_30, Vaishali24_29, DirtJuice_30, Robyn_29
 • Track 18 : Zonia_30
 • Track 19 : Imvubu_23
 • Track 20 : Indlovu_27
 • Track 21 : LilMcDreamy_26
 • Track 22 : Hashim76_33
 • Track 23 : LittleMinkey_34
 • Track 24 : Zenteno07_33
 • Track 25 : BirdsNest_32
 • Track 26 : Lars_31, Kaleb_31, PrinceCharming_31, Glass_31, Sabella_31,
 MasterPo_31, Hedgerow_31, Coffee_31, Blocker23_31, FrenchFry_31,
 TinciduntSolum_32, Qyrzula_29, Tres_31, Brownie5_31
 • Track 27 : Rosebush_31, Ares_31
 • Track 28 : West99_31, Boyle_31, Eaglehorse_31, ItsyBitsy1_31, Rhinoforte_31
 • Track 29 : Kolhan_31, Opia_31, LilSmirk_31, Bananafish_31, LizLemon_31,
 Calamitous_31, Phantasmagoria_31, Faze9_31, Arbiter_31
 • Track 30 : Allegro_31, Kheth_31, Holeinone_31
 • Track 31 : TA17A_32
 • Track 32 : Lephleur_31
 • Track 33 : Laurie_31, Vic9_00031
 • Track 34 : Godines_31
 • Track 35 : RomaT_30, Glubnar_31, Kamiyu_30
 • Track 36 : Nozo_30, ChaChing_30, Ben11_29, Yahalom_30, Rita1961_30,
 Phaedrux_28, Tydolla_30, SlippinJimmy_30, OrangeOswald_30, RagingRooster_30,
 Phayeta_30, Chandler_30, LestyG_30, Abinghost_30, Gadget_31, Deenasa_30,
 Heathcliff_30, Devonte_30, Obutu_30, Audrey_30, SynergyX_30, Neos5_30,

Mulaychimus_30, Baloo_30, Corofin_30, Mortcellus_29, Yinz_30, Akoma_30
 • Track 37 : Athena_31, Olivio_29, Briakila_30, HarveySr_30, Casbah_29
 • Track 38 : Gervas_30, Chentzyk_29, TinyTerror_30, Marlia_30, Kronus_29
 • Track 39 : Morty007_30, Jackstina_27, Marley1013_30, Phlyer_30, MmasiCarm_30, GlenHope_31, Philly_29, Halfpint_29, Compostia_31, SwainyDoc_30, Daisy_30, Chalmers_30
 • Track 40 : Shenandoah_30
 • Track 41 : Pipefish_31
 • Track 42 : Bernardo_30
 • Track 43 : Hally898_26, Antihero_26, Poster_26, Ahwei_26, Lambano_26, Epah_26, GinPorsche_26, Lolalove_27, Nanao_26
 • Track 44 : VioletZ_27, Mudslide_27, Prince_27
 • Track 45 : Nigel_25
 • Track 46 : Magpie_26, ChrisnMich_26
 • Track 47 : Hangman_27, BrownCNA_28, Waleliano_27, Mithril_27, JoyceMaria_27
 • Track 48 : Renkei_26, LittleDigger_26
 • Track 49 : Stinger_25
 • Track 50 : Frederick_27, Heath_26, Zemanar_28, QueenPie_26
 • Track 51 : RawrgerThat_27, Fortunato_27
 • Track 52 : Xincheng_26
 • Track 53 : Fanaw_26
 • Track 54 : JAMaL_27
 • Track 55 : Cooper_27
 • Track 56 : AlanGrant_28, Vincenzo_28
 • Track 57 : Apex_27
 • Track 58 : Hydro_27, BobbyK_27
 • Track 59 : JaguarMi_27
 • Track 60 : Austelle_28
 • Track 61 : Rita130_29, Acadian_29, Donny_29, Suigeneris_29, EastView9101_28, SirJeffery_29
 • Track 62 : Serendipitous_28
 • Track 63 : Rich_28
 • Track 64 : Phelemich_29, Reprobate_29
 • Track 65 : Shenyu_29, DigitDog_29, Nangang_29
 • Track 66 : StinkyVeggy_31, KarasumaRum_31
 • Track 67 : Baee_28
 • Track 68 : Mysterious_29, Nehemiah_28
 • Track 69 : Reccee_30
 • Track 70 : KayaCho_25
 • Track 71 : 40BC_025, 39HC_025
 • Track 72 : Hosp_023
 • Track 73 : Jolie1_025
 • Track 74 : ForDig_25
 • Track 75 : Saguaro_30
 • Track 76 : Thonko_28
 • Track 77 : Rinkes_32
 • Track 78 : CRB2_32
 • Track 79 : Knocker_31
 • Track 80 : Funsized_33
 • Track 81 : PenguinLover67_31
 • Track 82 : Quesadilla_30
 • Track 83 : BayC_22, Salete_22, Maih_22, BabyGotBac_22, TP1604_22
 • Track 84 : Xkcd426_28

- Track 85 : Asis_22
- Track 86 : Abt2graduatex2_23
- Track 87 : Mischief19_31
- Track 88 : YDN12_24
- Track 89 : RainyPolka_23
- Track 90 : Purplicious_57, Grumio_58
- Track 91 : Soos_54, Sting_57, ColdSoup_59, Amo99_59, Stillion_58, Jollymon_58
- Track 92 : DonTron_58
- Track 93 : Clawz_58, Makar_59
- Track 94 : KingstonB_59
- Track 95 : BiggityBass_26
- Track 96 : AksarBAT_26
- Track 97 : NHagos_26
- Track 98 : CloverMinnie_28
- Track 99 : CaiB_28
- Track 100 : CharlottesWeb_26, Mariokart_26
- Track 101 : Wooper_28, Yeshua_28
- Track 102 : AnClar_27, Yago84_26, Sisko_26
- Track 103 : Fresco_26, Axumite_26, Shatter_26, Ligma_26
- Track 104 : TraderJ_28
- Track 105 : Blackpen_28
- Track 106 : MakoManhole_28
- Track 107 : LittleMunchkin_28
- Track 108 : BobRoss2024_25
- Track 109 : MossRose_28, FelixTres_28
- Track 110 : AnarQue_28
- Track 111 : Evaa_27
- Track 112 : Coldpizza_29
- Track 113 : Sour_30
- Track 114 : GodPhather_24, Jeon_23
- Track 115 : Argie_24, Taptic_23
- Track 116 : PR_23, D12_23
- Track 117 : Megabear_23
- Track 118 : Cepens_23
- Track 119 : Pine5_29
- Track 120 : TPA2_35
- Track 121 : TurkishDelight_30
- Track 122 : Tonitrus_45

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

The start number called the most often in the published annotations is 30, it was called in 272 of the 470 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• ABU_30, AbsoluteMadLad_29, Adriana_30, Aelin_29, Aleia_30, AltPhacts_30, Altwerkus_29, Anderson_30, Andre_30, AngelCake_30, Antonia_29, Aonishiki_30, Apizium_29, Ashraf_29, Badfish_30, Banjo_29, Basato_31, BatteryCK_29, Beaglebox_29, Bishoperium_29, BlackStallion_30, Blackberry_29, BlueHusk_30, Bluephacebaby_29, Boehler_30, BoogieWoogie_29, Brilliant_30, Buckeye_30,

Burr_29, CamL_30, CampRoach_30, Cannibal_30, Carthage_28, CaspiBoi_29, Chaelin_30, Charles1_30, CharlieGBrown_29, CheetO_30, Cher_29, Childish_29, Chipette_31, Chorkpop_30, Chuni_29, Chunky_30, Chute_29, Cobra_30, Coletti_30, Cornbread_29, Cornobble_29, Cosmolli16_29, Craff_30, Crownjwl_30, DaddyDaniels_30, Daffy_30, Daka_30, Dati_30, DelRivs_29, Derpp_29, Dice_29, Dingo_30, Dione_29, DirtJuice_30, Doddsville_30, DoesntMatter_30, DoOn_31, DonSancho_29, DuchessDung_28, Duggie_29, Durga_30, ElvisPhasley_30, Emiris_30, EmpTee_30, Eremos_30, Etaye_30, Eugenia_30, Flake_31, FluffyNinja_30, Fozzie_29, Frankicide_30, FremontTroll_30, Freya_29, FriarPreacher_30, Fringe_30, FugateOSU_29, Gareth_29, GeneCoco_30, Giraffe_30, Gophe_30, Grand2040_29, Gwennie1_30, Gwilliam_30, Gyarad_0030, HSavage_30, Haimas_30, Haleema_29, Hamish_30, Happabalu_30, Hartsy_30, Harvey_30, Held_30, HenryJackson_29, Hertubise_30, Hetaeria_30, HighStump_29, Hocus_29, HogWash_29, Horchata_30, ImtiyazSitra_29, Inchworm_30, Inverness_30, Iridessa_30, Iridoclysis_30, IsaacEli_30, JDog_29, JacAttac_30, JakeO_29, JangoPhett_30, Jesabah_30, Jilium_29, Jiminy_29, Jiraiya_29, KLUcky39_30, Kahve_29, Kailash_30, Katniss_30, Keitherie_30, Khan1_30, Kikipoo_30, Kimbrough_30, KingTut_21, KlimbOn_30, Kloppinator_30, Kwadwo_29, Kwksand96_29, Labeouficaum_29, Larson_31, LasagnaCat_30, Lasso_30, LeeLot_30, Lego3393_30, Legolas_29, Lehmann_30, LeiMonet_30, LemonSlice_30, Longacauda_29, Lopsy_29, LostAndPhound_29, LuckyMarjie_29, Lulumae_29, Lulwa_30, Lumine_29, MRabcd_29, Mag7_29, Magic8_30, Mana_29, Manad_29, Maru_29, Maskar_29, Matalotodo_30, Mcshane_29, Mecca_29, Megamind20_30, Megatron_30, Melc17_30, MelsMeow_29, Mesh1_30, Mesmerelda_29, MichaelPhcott_29, Mikota_30, MiniBoss_30, MitKao_30, Morgushi_30, Morty_30, Mosaic_29, MrPhizzler_30, Mulan_29, Murdoc_30, Mutante_29, Nacho_0030, Nathan_30, Newman_30, Nicole21_30, NumberTen_30, Nyala_29, OSmaximus_30, Olak_29, Oline_29, Olive_30, Omniscient_30, Oosterbaan_30, Orfeu_29, Orion_30, Orwigg_29, PG1_30, Pacifista_29, PallasAthena_30, Phamished_30, Phareon_30, PhatCats2014_30, PhatLouie_30, PhenghisKhan_29, Pherdinand_30, Phergie_29, Phipps_30, Phleuron_29, PhrankReynolds_29, PhrodoBaggins_29, Phunky_30, Piglet_0029, PinheadLarry_30, Pinkman_29, Pipsqueak_30, Placalicious_29, Plata_30, Plmatters_30, Podrick_30, Pops_30, Potter_29, Prickles_30, ProfessorX_30, Puhltonio_30, QueenBeane_30, Quisquilliae_30, RedMaple_29, RedRaider89_30, Ricotta_29, Riggan_30, Rimu_30, Riverton_29, Robyn_29, Roliet_30, Roscoe_31, Roy17_30, SDcharge11_30, SallyH_30, Samaymay_30, SassyCat97_29, Schadenfreude_29, Schueller_29, Scoot17C_30, Scrick_30, Selr12_30, Serendipity_30, Serpentine_0030, ShadowBud_30, Sheila_30, ShiVal_30, Sigman_30, SilverBell_30, Simielle_29, SirBeauregard_30, Skippy_30, Slatt_30, Soile_30, Solosis_29, Sophia_29, Soto_30, Spartan300_30, Squid_30, Squiggle_30, Struggle_29, Suffolk_30, Surely_30, Swiphy_30, Swish_30, Telesworld_29, Thora_30, ThreeOh3D2_30, Thunderbird_29, Timmi_29, TomBombadil_30, Tomlarah_30, Toni_29, TooFast2Furius_31, Tooj_30, Triad_30, True_29, Trypo_30, TyrionL_29, UAch1_30, UncleHowie_30, Usavi_30, Vaishali24_29, Valjean_30, Vaticameos_30, Veritas_29, Virapocalypse_30, Virgeve_29, Vista_30, VivaIdi_30, Vortex_30, Wallhey_29, Waterdiva_30, Weher20_30, Windsor_29, Xavier_29, YouGoGlencoco_30, Zelda_30, Zonia_30,

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

- Chah_31, Colbert_30, Fang_30, FleetyMac_29, KingVeVeVe_30, OliverWalter_30, TallGrassMM_30, Yoshand_30, Zaider_31,

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

• 39HC_025, 40BC_025, Abinghost_30, Abt2graduatex2_23, Acadian_29, Ahwei_26, Akoma_30, AksarBAT_26, AlanGrant_28, Allegro_31, Amo99_59, AnClar_27, AnarQue_28, Antihero_26, Apex_27, Arbiter_31, Ares_31, Argie_24, Asis_22, Athena_31, Audrey_30, Austelle_28, Axumite_26, BabyGotBac_22, Baee_28, Baloo_30, Bananafish_31, BayC_22, Ben11_29, Bernardo_30, BiggityBass_26, BirdsNest_32, Blackpen_28, Blocker23_31, BobRoss2024_25, BobbyK_27, Boyle_31, Briakila_30, BrownCNA_28, Brownie5_31, CRB2_32, CaiB_28, Calamitous_31, Casbah_29, Causa_35, Cepens_23, ChaChing_30, Chalmers_30, Chandler_30, CharlottesWeb_26, Chentzyk_29, ChrisnMich_26, Clawz_58, CloverMinnie_28, Coffee_31, ColdSoup_59, Coldpizza_29, Compostia_31, Cooper_27, Corofin_30, D12_23, Daisy_30, Deenasa_30, Devonte_30, DigitDog_29, DonTron_58, Donny_29, Dori_26, Eaglehorse_31, EastView9101_28, Epah_26, Evaa_27, Fanaw_26, Faze9_31, FelixTres_28, ForDig_25, Fortunato_27, Frederick_27, FrenchFry_31, Fresco_26, Funsized_33, Gadget_31, Gervas_30, GinPorsche_26, Glass_31, GlenHope_31, Glubnar_31, GodPhather_24, Godines_31, Grumio_58, Halfpint_29, Hally898_26, Hangman_27, HarveySr_30, Hashim76_33, Heath_26, Heathcliff_30, Hedgerow_31, Holeinone_31, Hosp_023, Hydro_27, Imvubu_23, Indlovu_27, ItsyBitsy1_31, JAMaL_27, Jackstina_27, JaguarMi_27, Jeon_23, Jolie1_025, Jollymon_58, JoyceMaria_27, Kaleb_31, Kamiyu_30, KarasumaRum_31, KayaCho_25, Kheth_31, KingstonB_59, Knocker_31, Kolhan_31, Kronus_29, Lambano_26, Lars_31, Laurie_31, Lephleur_31, LestyG_30, Ligma_26, LilMcDreamy_26, LilSmirk_31, LittleDigger_26, LittleMinkey_34, LittleMunchkin_28, LizLemon_31, Lolalove_27, Magpie_26, Maih_22, Makar_59, MakoManhole_28, Mao1_25, Mariokart_26, Marley1013_30, Marlia_30, Mask_26, MasterPo_31, Megabear_23, Mischief19_31, Mithril_27, MmasiCarm_30, Mortcellus_29, Morty007_30, MossRose_28, Mudslide_27, Mulaychimus_30, Mysterious_29, NHagos_26, Nanao_26, Nangang_29, Nehemiah_28, Neos5_30, Nigel_25, Nozo_30, Obutu_30, Olivio_29, Opia_31, OrangeOswald_30, PR_23, PenguinLover67_31, Phaedruss_28, Phantasmagoria_31, Phayeta_30, Phelemich_29, Philly_29, Phlyer_30, Pine5_29, Pipefish_31, Poster_26, PrinceCharming_31, Prince_27, Purplicious_57, QueenPie_26, Quesadilla_30, Qyrzula_29, RagingRooster_30, RainyPolka_23, RawrgerThat_27, Reccee_30, Renkei_26, Reprobate_29, Rhinoforte_31, Rich_28, Rinkes_32, Rita130_29, Rita1961_30, RomaT_30, Rosebush_31, Sabella_31, Saguaro_30, Salète_22, Sejanus_26, Serendipitous_28, Shatter_26, Shenandoah_30, Shenyu_29, SirJeffery_29, Sisko_26, SlippinJimmy_30, Soos_54, Sour_30, StAugustine_33, Stillion_58, Sting_57, Stinger_25, StinkyVeggy_31, Suigeneris_29, SwainyDoc_30, SynergyX_30, TA17A_32, TP1604_22, TPA2_35, Taptic_23, Thonko_28, Tinciduntolum_32, TinyTerror_30, Tonitrus_45, TraderJ_28, Tres_31, TurkishDelight_30, Tydolla_30, Vic9_00031, Vincenzo_28, VioletZ_27, Waleliano_27, West99_31, Wooper_28, Xincheng_26, Xkcd426_28, YDN12_24, Yago84_26, Yahalom_30, Yeshua_28, Yinz_30, Zemanar_28, Zenteno07_33,

Summary by start number:

Start 20:

- Found in 101 of 550 (18.4%) of genes in pham
- Manual Annotations of this start: 1 of 470
- Called 1.0% of time when present
- Phage (with cluster) where this start called: Bernardo_30 (B3),

Start 21:

- Found in 1 of 550 (0.2%) of genes in pham

- Manual Annotations of this start: 1 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Funsized_33 (B9),

Start 28:

- Found in 1 of 550 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LilMcDreamy_26 (B12),

Start 30:

- Found in 308 of 550 (56.0%) of genes in pham
- Manual Annotations of this start: 272 of 470
- Called 97.1% of time when present
- Phage (with cluster) where this start called: ABU_30 (B1), AbsoluteMadLad_29 (B1), Adriana_30 (B1), Aelin_29 (B1), Aleia_30 (B1), AltPhacts_30 (B1), Altwerkus_29 (B1), Anderson_30 (B1), Andre_30 (B1), AngelCake_30 (B1), Antonia_29 (B1), Aonishiki_30 (B1), Apizium_29 (B1), Ashraf_29 (B1), Badfish_30 (B1), Banjo_29 (B1), Basato_31 (B1), BatteryCK_29 (B1), Beaglebox_29 (B1), Bishoperium_29 (B1), BlackStallion_30 (B1), BlacksBerry_29 (B1), BlueHusk_30 (B1), Bluephacebaby_29 (B1), Boehler_30 (B1), BoogieWoogie_29 (B1), Brilliant_30 (B1), Buckeye_30 (B1), Burr_29 (B1), CamL_30 (B1), CampRoach_30 (B1), Cannibal_30 (B1), Carthage_28 (B1), Caspiboi_29 (B1), Chaelin_30 (B1), Charles1_30 (B1), CharlieGBrown_29 (B1), CheetO_30 (B1), Cher_29 (B1), Childish_29 (B1), Chipette_31 (B1), Chorkpop_30 (B1), Chuni_29 (B1), Chunky_30 (B1), Chute_29 (B1), Cobra_30 (B1), Coletti_30 (B1), Cornbread_29 (B1), Cornobble_29 (B1), Cosmolli16_29 (B1), Craff_30 (B1), Crownjwl_30 (B1), DaddyDaniels_30 (B1), Daffy_30 (B1), Daka_30 (B1), Dati_30 (B1), DelRivs_29 (B1), Derpp_29 (B1), Dice_29 (B1), Dingo_30 (B1), Dione_29 (B1), DirtJuice_30 (B1), Doddsville_30 (B1), DoesntMatter_30 (B1), DolOn_31 (B1), DonSancho_29 (B1), DuchessDung_28 (B1), Duggie_29 (B1), Durga_30 (B1), ElvisPhasley_30 (B1), Emiris_30 (B1), EmpTee_30 (B1), Eremos_30 (B1), Etaye_30 (B1), Eugenia_30 (B1), Flake_31 (B1), FluffyNinja_30 (B1), Fozzie_29 (B1), Frankicide_30 (B1), FremontTroll_30 (B1), Freya_29 (B1), FriarPreacher_30 (B1), Fringe_30 (B1), FugateOSU_29 (B1), Gareth_29 (B1), GeneCoco_30 (B1), Giraffe_30 (B1), Gophee_30 (B1), Grand2040_29 (B1), Gwennie1_30 (B1), Gwilliam_30 (B1), Gyara_0030 (B1), HSavage_30 (B1), Haimas_30 (B1), Haleema_29 (B1), Hamish_30 (B1), Happabalu_30 (B1), Hartsy_30 (B1), Harvey_30 (B1), Held_30 (B1), HenryJackson_29 (B1), Hertubise_30 (B1), Hetaeria_30 (B1), HighStump_29 (B1), Hocus_29 (B1), HogWash_29 (B1), Horchata_30 (B1), ImtiyazSitla_29 (B1), Inchworm_30 (B1), Inverness_30 (B1), Iridessa_30 (B1), Iridoclysis_30 (B1), IsaacEli_30 (B1), JDog_29 (B1), JacAttac_30 (B1), JakeO_29 (B1), JangoPhett_30 (B1), Jesabah_30 (B1), Jillium_29 (B1), Jiminy_29 (B1), Jiraiya_29 (B1), KLUcky39_30 (B1), Kahve_29 (B1), Kailash_30 (B1), Katniss_30 (B1), Keitherie_30 (B1), Khan1_30 (B1), Kikipoo_30 (B1), Kimbrough_30 (B1), KingTut_21 (B1), KlimbOn_30 (B1), Kloppinator_30 (B1), Kwadwo_29 (B1), Kwksand96_29 (B1), Labeouficaum_29 (B1), Larson_31 (B1), LasagnaCat_30 (B1), Lasso_30 (B1), LeeLot_30 (B1), Lego3393_30 (B1), Legolas_29 (B1), Lehmann_30 (B1), LeiMonet_30 (B1), LemonSlice_30 (B1), Longacauda_29 (B1), Lopsy_29 (B1), LostAndPhound_29 (B1), LuckyMarjie_29 (B1), Lulumae_29 (B1), Lulwa_30 (B1), Lumine_29 (B1), MRabcd_29 (B1), Mag7_29 (B1), Magic8_30 (B1), Mana_29 (B1), Manad_29 (B1), Maru_29 (B1), Maskar_29 (B1), Matalotodo_30 (B1), Mcshane_29 (B1), Mecca_29 (B1), Megamind20_30 (B1), Megatron_30 (B1), Melc17_30 (B1), MelsMeow_29 (B1), Mesh1_30 (B1), Mesmerelda_29 (B1), MichaelPhcott_29 (B1),

Mikota_30 (B1), MiniBoss_30 (B1), MitKao_30 (B1), Morgushi_30 (B1), Morty_30 (B1), Mosaic_29 (B1), MrPhizzler_30 (B1), Mulan_29 (B1), Murdoc_30 (B1), Mutante_29 (B1), Nacho_0030 (B1), Nathan_30 (B1), Newman_30 (B1), Nicole21_30 (B1), Numberten_30 (B1), Nyala_29 (B1), OSmaximus_30 (B1), Olak_29 (B1), Oline_29 (B1), Olive_30 (B1), Omniscient_30 (B1), Oosterbaan_30 (B1), Orfeu_29 (B1), Orion_30 (B1), Orwigg_29 (B1), PG1_30 (B1), Pacifista_29 (B1), PallasAthena_30 (B1), Phamished_30 (B1), Phareon_30 (B1), PhatCats2014_30 (B1), PhatLouie_30 (B1), PhenghisKhan_29 (B1), Pherdinand_30 (B1), Phergie_29 (B1), Phipps_30 (B1), Phleuron_29 (B1), PhrankReynolds_29 (B1), PhrodoBaggins_29 (B1), Phunky_30 (B1), Piglet_0029 (B1), PinheadLarry_30 (B1), Pinkman_29 (B1), Pipsqueak_30 (B1), Placalicious_29 (B1), Plata_30 (B1), Plmatters_30 (B1), Podrick_30 (B1), Pops_30 (B1), Potter_29 (B1), Prickles_30 (B1), ProfessorX_30 (B1), Puhltonio_30 (B1), QueenBeane_30 (B1), Quisquilliae_30 (B1), RedMaple_29 (B1), RedRaider89_30 (B1), Ricotta_29 (B1), Riggan_30 (B1), Rimu_30 (B1), Riverton_29 (B1), Robyn_29 (B1), Roliet_30 (B1), Roscoe_31 (B1), Roy17_30 (B1), SDcharge11_30 (B1), SallyH_30 (B1), Samaymay_30 (B1), SassyCat97_29 (B1), Schadenfreude_29 (B1), Schueller_29 (B1), Scoot17C_30 (B1), Scrick_30 (B1), Selr12_30 (B1), Serendipity_30 (B1), Serpentine_0030 (B1), ShadowBud_30 (B1), Sheila_30 (B1), ShiVal_30 (B1), Sigman_30 (B1), SilverBell_30 (B1), Simielle_29 (B1), SirBeauregard_30 (B1), Skippy_30 (B1), Slatt_30 (B1), Soile_30 (B1), Solosis_29 (B1), Sophia_29 (B1), Soto_30 (B1), Spartan300_30 (B1), Squid_30 (B1), Squiggle_30 (B1), Struggle_29 (B1), Suffolk_30 (B1), Surely_30 (B1), Swiphy_30 (B1), Swish_30 (B1), Telesworld_29 (B1), Thora_30 (B1), ThreeOh3D2_30 (B1), Thunderbird_29 (B1), Timmi_29 (B1), TomBombadil_30 (B1), Tomlarah_30 (B1), Toni_29 (B1), TooFast2Furius_31 (B1), Tooj_30 (B1), Triad_30 (B1), True_29 (B1), Trypo_30 (B1), TyrionL_29 (B1), UAch1_30 (B1), UncleHowie_30 (B1), Usavi_30 (B1), Vaishali24_29 (B1), Valjean_30 (B1), Vaticameos_30 (B1), Veritas_29 (B1), Virapocalypse_30 (B1), Virgeve_29 (B1), Vista_30 (B1), Vivaldi_30 (B1), Vortex_30 (B1), Wallhey_29 (B1), Waterdiva_30 (B1), Weher20_30 (B1), Windsor_29 (B1), Xavier_29 (B1), YouGoGlencoco_30 (B1), Zelda_30 (B1), Zonia_30 (B1),

Start 34:

- Found in 313 of 550 (56.9%) of genes in pham
- Manual Annotations of this start: 8 of 470
- Called 2.9% of time when present
- Phage (with cluster) where this start called: Chah_31 (B1), Colbert_30 (B1), Fang_30 (B1), FleetyMac_29 (B1), KingVeVeVe_30 (B1), OliverWalter_30 (B1), TallGrassMM_30 (B1), Yoshand_30 (B1), Zaider_31 (B1),

Start 35:

- Found in 6 of 550 (1.1%) of genes in pham
- Manual Annotations of this start: 2 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 39HC_025 (B6), 40BC_025 (B6), ForDig_25 (B6), Hosp_023 (B6), Jolie1_025 (B6), KayaCho_25 (B6),

Start 36:

- Found in 19 of 550 (3.5%) of genes in pham
- Manual Annotations of this start: 10 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Acadian_29 (B5), Baee_28 (B5), DigitDog_29 (B5), Donny_29 (B5), EastView9101_28 (B5), KarasumaRum_31 (B5),

Mysterious_29 (B5), Nangang_29 (B5), Nehemiah_28 (B5), Phelemich_29 (B5), Reccee_30 (B5), Reprobate_29 (B5), Rich_28 (B5), Rita130_29 (B5), Serendipitous_28 (B5), Shenyu_29 (B5), SirJeffery_29 (B5), StinkyVeggy_31 (B5), Suigeneris_29 (B5),

Start 38:

- Found in 65 of 550 (11.8%) of genes in pham
- Manual Annotations of this start: 54 of 470
- Called 92.3% of time when present
- Phage (with cluster) where this start called: Abinghost_30 (B3), Akoma_30 (B3), Athena_31 (B3), Audrey_30 (B3), Baloo_30 (B3), Ben11_29 (B3), Briakila_30 (B3), Casbah_29 (B3), ChaChing_30 (B3), Chalmers_30 (B3), Chandler_30 (B3), Chentzyk_29 (B3), Compostia_31 (B3), Corofin_30 (B3), Daisy_30 (B3), Deenasa_30 (B3), Devonte_30 (B3), Dori_26 (AD), Gadjet_31 (B3), Gervas_30 (B3), GlenHope_31 (B3), Glubnar_31 (B3), Halfpint_29 (B3), HarveySr_30 (B3), Heathcliff_30 (B3), Jackstina_27 (B3), Kamiyu_30 (B3), Kronus_29 (B3), LestyG_30 (B3), Mao1_25 (AD), Marley1013_30 (B3), Marlia_30 (B3), Mask_26 (AD), MmasiCarm_30 (B3), Mortcellus_29 (B3), Morty007_30 (B3), Mulaychimus_30 (B3), Neos5_30 (B3), Nozo_30 (B3), Obutu_30 (B3), Olivio_29 (B3), OrangeOswald_30 (B3), Phaedrus_28 (B3), Phayeta_30 (B3), Philly_29 (B3), Phlyer_30 (B3), Pipefish_31 (B3), RagingRooster_30 (B3), Rita1961_30 (B3), RomaT_30 (B3), Sejanus_26 (AD), Shenandoah_30 (B3), SlippinJimmy_30 (B3), Sour_30 (DR), SwainyDoc_30 (B3), SynergyX_30 (B3), TinyTerror_30 (B3), Tydolla_30 (B3), Yahalom_30 (B3), Yinz_30 (B3),

Start 40:

- Found in 24 of 550 (4.4%) of genes in pham
- Manual Annotations of this start: 15 of 470
- Called 95.8% of time when present
- Phage (with cluster) where this start called: Amo99_59 (CP), Axumite_26 (DR), CRB2_32 (B9), Causa_35 (AI), CharlottesWeb_26 (DR), Clawz_58 (CP), ColdSoup_59 (CP), DonTron_58 (CP), Fresco_26 (DR), Grumio_58 (CP), Jollymon_58 (CP), KingstonB_59 (CP), Ligma_26 (DR), Makar_59 (CP), Mariokart_26 (DR), PenguinLover67_31 (B9), Purplicious_57 (CP), Saguario_30 (B7), Shatter_26 (DR), Soos_54 (CP), StAugustine_33 (AI), Stillion_58 (CP), Sting_57 (CP),

Start 41:

- Found in 74 of 550 (13.5%) of genes in pham
- Manual Annotations of this start: 61 of 470
- Called 93.2% of time when present
- Phage (with cluster) where this start called: AksarBAT_26 (DR), Allegro_31 (B2), AnClar_27 (DR), AnarQue_28 (DR), Arbiter_31 (B2), Ares_31 (B2), Argie_24 (W), Bananafish_31 (B2), BiggityBass_26 (DR), Blackpen_28 (DR), Blocker23_31 (B2), BobRoss2024_25 (DR), Boyle_31 (B2), Brownie5_31 (B2), CaiB_28 (DR), Calamitous_31 (B2), Cepens_23 (W), CloverMinnie_28 (DR), Coffee_31 (B2), Coldpizza_29 (DR), D12_23 (W), Eaglehorse_31 (B2), Evaa_27 (DR), Faze9_31 (B2), FelixTres_28 (DR), FrenchFry_31 (B2), Glass_31 (B2), GodPhather_24 (W), Godines_31 (B2), Hedgerow_31 (B2), Holeinone_31 (B2), ItsyBitsy1_31 (B2), Jeon_23 (W), Kaleb_31 (B2), Kheth_31 (B2), Kolhan_31 (B2), Lars_31 (B2), Laurie_31 (B2), Lephleur_31 (B2), LiSmirk_31 (B2), LittleMunchkin_28 (DR), LizLemon_31 (B2), MakoManhole_28 (DR), MasterPo_31 (B2), Megabear_23 (W), MossRose_28 (DR), NHagos_26 (DR), Opia_31 (B2), PR_23 (W),

Phantasmagoria_31 (B2), Pine5_29 (singleton), PrinceCharming_31 (B2), Qyrzula_29 (B2), Rhinoforte_31 (B2), Rosebush_31 (B2), Sabella_31 (B2), Sisko_26 (DR), TA17A_32 (B2), Taptic_23 (W), Thonko_28 (B8), Tinciduntolum_32 (B2), Tonitrus_45 (singleton), TraderJ_28 (DR), Tres_31 (B2), Vic9_00031 (B2), West99_31 (B2), Wooper_28 (DR), Yago84_26 (DR), Yeshua_28 (DR),

Start 42:

- Found in 44 of 550 (8.0%) of genes in pham
- Manual Annotations of this start: 29 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ahwei_26 (B4), AlanGrant_28 (B4), Antihero_26 (B4), Apex_27 (B4), Austelle_28 (B4), BobbyK_27 (B4), BrownCNA_28 (B4), ChrisnMich_26 (B4), Cooper_27 (B4), Epah_26 (B4), Fanaw_26 (B4), Fortunato_27 (B4), Frederick_27 (B4), GinPorsche_26 (B4), Hally898_26 (B4), Hangman_27 (B4), Heath_26 (B4), Hydro_27 (B4), Imvubu_23 (B10), Indlovu_27 (B11), JAMaL_27 (B4), JaguarMi_27 (B4), JoyceMaria_27 (B4), Knocker_31 (B9), Lambano_26 (B4), LittleDigger_26 (B4), Lolalove_27 (B4), Magpie_26 (B4), Mithril_27 (B4), Mudslide_27 (B4), Nanao_26 (B4), Nigel_25 (B4), Poster_26 (B4), Prince_27 (B4), QueenPie_26 (B4), RawrgerThat_27 (B4), Renkei_26 (B4), Rinkes_32 (B9), Stinger_25 (B4), Vincenzo_28 (B4), VioletZ_27 (B4), Waleliano_27 (B4), Xincheng_26 (B4), Zemanar_28 (B4),

Start 43:

- Found in 4 of 550 (0.7%) of genes in pham
- Manual Annotations of this start: 3 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BirdsNest_32 (B13), Hashim76_33 (B13), LittleMinkey_34 (B13), Zenteno07_33 (B13),

Start 44:

- Found in 1 of 550 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Quesadilla_30 (B9),

Start 45:

- Found in 1 of 550 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 470
- Called 100.0% of time when present
- Phage (with cluster) where this start called: TurkishDelight_30 (singleton),

Start 46:

- Found in 16 of 550 (2.9%) of genes in pham
- Manual Annotations of this start: 10 of 470
- Called 62.5% of time when present
- Phage (with cluster) where this start called: Abt2graduatex2_23 (BG), Asis_22 (BG), BabyGotBac_22 (BG), BayC_22 (BG), Maih_22 (BG), RainyPolka_23 (BG), Salete_22 (BG), TP1604_22 (BG), Xkcd426_28 (BG), YDN12_24 (BG),

Start 48:

- Found in 1 of 550 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 470
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Mischief19_31 (BG),

Start 84:

- Found in 1 of 550 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: TPA2_35 (singleton),

Summary by clusters:

There are 20 clusters represented in this pham: singleton, BG, W, B10, AI, B8, B11, B4, B5, B6, B7, B12, B1, B2, B3, AD, CP, DR, B9, B13,

Info for manual annotations of cluster AD:

- Start number 38 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:

- Start number 40 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B1:

- Start number 30 was manually annotated 272 times for cluster B1.
- Start number 34 was manually annotated 8 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 42 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 42 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 43 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 41 was manually annotated 36 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 20 was manually annotated 1 time for cluster B3.
- Start number 38 was manually annotated 49 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 42 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 36 was manually annotated 10 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 35 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:

- Start number 40 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 41 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 21 was manually annotated 1 time for cluster B9.
- Start number 40 was manually annotated 2 times for cluster B9.
- Start number 42 was manually annotated 2 times for cluster B9.
- Start number 44 was manually annotated 1 time for cluster B9.

Info for manual annotations of cluster BG:

- Start number 46 was manually annotated 10 times for cluster BG.
- Start number 48 was manually annotated 1 time for cluster BG.

Info for manual annotations of cluster CP:

- Start number 40 was manually annotated 5 times for cluster CP.

Info for manual annotations of cluster DR:

- Start number 38 was manually annotated 1 time for cluster DR.
- Start number 40 was manually annotated 5 times for cluster DR.
- Start number 41 was manually annotated 15 times for cluster DR.

Info for manual annotations of cluster W:

- Start number 41 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_025 Start: 26487, Stop: 27575, Start Num: 35

Candidate Starts for 39HC_025:

(Start: 34 @26484 has 8 MA's), (Start: 35 @26487 has 2 MA's), (Start: 46 @26514 has 10 MA's), (49, 26532), (92, 26709), (99, 26751), (100, 26754), (131, 26895), (141, 26931), (150, 26976), (153, 26988), (163, 27039), (170, 27069), (175, 27084), (183, 27132), (187, 27162), (191, 27168), (207, 27249), (209, 27258), (213, 27291), (224, 27342), (232, 27381), (236, 27399), (249, 27450), (257, 27489), (259, 27498), (271, 27543),

Gene: 40BC_025 Start: 26487, Stop: 27575, Start Num: 35

Candidate Starts for 40BC_025:

(Start: 34 @26484 has 8 MA's), (Start: 35 @26487 has 2 MA's), (Start: 46 @26514 has 10 MA's), (49, 26532), (92, 26709), (99, 26751), (100, 26754), (131, 26895), (141, 26931), (150, 26976), (153, 26988), (163, 27039), (170, 27069), (175, 27084), (183, 27132), (187, 27162), (191, 27168), (207, 27249), (209, 27258), (213, 27291), (224, 27342), (232, 27381), (236, 27399), (249, 27450), (257, 27489), (259, 27498), (271, 27543),

Gene: ABU_30 Start: 27647, Stop: 28759, Start Num: 30

Candidate Starts for ABU_30:

(Start: 30 @27647 has 272 MA's), (Start: 34 @27665 has 8 MA's), (50, 27716), (91, 27884), (105, 27962), (125, 28052), (131, 28076), (141, 28112), (153, 28169), (156, 28184), (157, 28193), (163, 28220), (164, 28223), (170, 28250), (183, 28313), (187, 28343), (191, 28349), (207, 28433), (209, 28442), (221, 28511), (227, 28547), (229, 28553), (232, 28565), (254, 28655), (257, 28673), (259, 28682), (266, 28700), (274, 28733),

Gene: Abinghost_30 Start: 27573, Stop: 28616, Start Num: 38

Candidate Starts for Abinghost_30:

(Start: 20 @27468 has 1 MA's), (24, 27498), (Start: 38 @27573 has 54 MA's), (54, 27621), (70, 27687), (92, 27771), (97, 27795), (101, 27819), (105, 27843), (111, 27864), (117, 27897), (153, 28050), (155, 28062), (170, 28131), (185, 28212), (205, 28299), (207, 28314), (212, 28344), (224, 28407), (237, 28467), (239, 28485), (242, 28491), (243, 28494), (249, 28515), (256, 28545), (257, 28551), (258, 28557), (261, 28566),

Gene: AbsoluteMadLad_29 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for AbsoluteMadLad_29:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: Abt2graduatex2_23 Start: 22187, Stop: 23215, Start Num: 46

Candidate Starts for Abt2graduatex2_23:

(Start: 46 @22187 has 10 MA's), (58, 22244), (68, 22286), (71, 22313), (75, 22325), (102, 22433), (105, 22454), (106, 22457), (115, 22499), (122, 22535), (127, 22553), (141, 22607), (169, 22733), (178, 22766), (182, 22799), (188, 22835), (190, 22838), (194, 22865), (196, 22871), (203, 22910), (215, 22991), (227, 23042), (232, 23060), (235, 23075), (248, 23120), (252, 23141), (263, 23171), (272, 23204), (274, 23207),

Gene: Acadian_29 Start: 27893, Stop: 28981, Start Num: 36

Candidate Starts for Acadian_29:

(Start: 36 @27893 has 10 MA's), (85, 28073), (91, 28103), (92, 28109), (99, 28151), (105, 28181), (131, 28295), (153, 28388), (164, 28442), (177, 28490), (185, 28550), (187, 28562), (191, 28568), (192, 28574), (197, 28601), (215, 28709), (224, 28742), (243, 28829), (257, 28889), (259, 28898), (260, 28901),

Gene: Adriana_30 Start: 27645, Stop: 28757, Start Num: 30

Candidate Starts for Adriana_30:

(Start: 30 @27645 has 272 MA's), (Start: 34 @27663 has 8 MA's), (50, 27714), (91, 27882), (105, 27960), (125, 28050), (131, 28074), (141, 28110), (153, 28167), (156, 28182), (157, 28191), (163, 28218), (164, 28221), (170, 28248), (183, 28311), (187, 28341), (191, 28347), (207, 28431), (209, 28440), (221, 28509), (227, 28545), (229, 28551), (232, 28563), (254, 28653), (257, 28671), (259, 28680), (266, 28698), (274, 28731),

Gene: Aelin_29 Start: 27208, Stop: 28320, Start Num: 30

Candidate Starts for Aelin_29:

(Start: 30 @27208 has 272 MA's), (Start: 34 @27226 has 8 MA's), (50, 27277), (91, 27445), (105, 27523), (125, 27613), (131, 27637), (141, 27673), (153, 27730), (156, 27745), (157, 27754), (163, 27781), (164, 27784), (170, 27811), (183, 27874), (187, 27904), (191, 27910), (207, 27994), (209, 28003), (221, 28072), (227, 28108), (229, 28114), (232, 28126), (254, 28216), (257, 28234), (259, 28243), (266, 28261), (274, 28294),

Gene: Ahwei_26 Start: 26868, Stop: 27944, Start Num: 42

Candidate Starts for Ahwei_26:

(Start: 42 @26868 has 29 MA's), (47, 26877), (88, 27045), (97, 27102), (110, 27165), (117, 27204), (125, 27240), (131, 27264), (141, 27300), (153, 27357), (156, 27372), (159, 27384), (163, 27408), (164, 27411), (175, 27453), (183, 27501), (186, 27522), (187, 27531), (191, 27537), (207, 27618), (210, 27636), (215, 27678), (217, 27687), (224, 27711), (232, 27750), (236, 27768), (238, 27786),

(243, 27798), (257, 27858), (259, 27867),

Gene: Akoma_30 Start: 27574, Stop: 28617, Start Num: 38

Candidate Starts for Akoma_30:

(Start: 20 @27469 has 1 MA's), (24, 27499), (Start: 38 @27574 has 54 MA's), (54, 27622), (70, 27688), (92, 27772), (97, 27796), (101, 27820), (105, 27844), (111, 27865), (117, 27898), (153, 28051), (155, 28063), (170, 28132), (185, 28213), (205, 28300), (207, 28315), (212, 28345), (224, 28408), (237, 28468), (239, 28486), (242, 28492), (243, 28495), (249, 28516), (256, 28546), (257, 28552), (258, 28558), (261, 28567),

Gene: AksarBAT_26 Start: 25546, Stop: 26589, Start Num: 41

Candidate Starts for AksarBAT_26:

(Start: 41 @25546 has 61 MA's), (49, 25567), (54, 25594), (88, 25714), (92, 25738), (99, 25780), (113, 25843), (131, 25924), (153, 26017), (155, 26029), (156, 26032), (159, 26044), (163, 26068), (164, 26071), (170, 26098), (183, 26161), (184, 26176), (187, 26191), (197, 26230), (205, 26263), (207, 26278), (212, 26308), (232, 26410), (243, 26458), (248, 26473), (255, 26506), (256, 26512), (276, 26569), (282, 26578),

Gene: AlanGrant_28 Start: 28607, Stop: 29689, Start Num: 42

Candidate Starts for AlanGrant_28:

(Start: 42 @28607 has 29 MA's), (73, 28745), (97, 28847), (117, 28949), (125, 28985), (131, 29009), (132, 29012), (133, 29015), (140, 29042), (141, 29045), (148, 29084), (157, 29126), (167, 29171), (175, 29198), (183, 29246), (185, 29264), (191, 29282), (197, 29315), (206, 29354), (207, 29363), (213, 29405), (215, 29423), (224, 29456), (227, 29477), (232, 29495), (243, 29543), (255, 29591), (257, 29603),

Gene: Aleia_30 Start: 27228, Stop: 28340, Start Num: 30

Candidate Starts for Aleia_30:

(Start: 30 @27228 has 272 MA's), (Start: 34 @27246 has 8 MA's), (50, 27297), (67, 27372), (91, 27465), (98, 27498), (105, 27543), (125, 27633), (131, 27657), (141, 27693), (153, 27750), (156, 27765), (157, 27774), (163, 27801), (164, 27804), (170, 27831), (183, 27894), (187, 27924), (189, 27927), (191, 27930), (207, 28014), (209, 28023), (221, 28092), (227, 28128), (229, 28134), (232, 28146), (254, 28236), (257, 28254), (259, 28263), (266, 28281), (274, 28314),

Gene: Allegro_31 Start: 28914, Stop: 29963, Start Num: 41

Candidate Starts for Allegro_31:

(11, 28653), (14, 28743), (Start: 20 @28803 has 1 MA's), (24, 28833), (25, 28836), (Start: 41 @28914 has 61 MA's), (54, 28962), (64, 28995), (72, 29046), (73, 29049), (92, 29112), (97, 29136), (120, 29259), (128, 29286), (131, 29298), (141, 29334), (149, 29376), (154, 29394), (159, 29418), (163, 29442), (165, 29454), (175, 29487), (180, 29526), (187, 29565), (199, 29613), (209, 29661), (212, 29682), (213, 29694), (220, 29727), (221, 29730), (232, 29784), (238, 29820), (243, 29832), (248, 29847), (249, 29853), (256, 29880), (257, 29886), (258, 29892), (261, 29901),

Gene: AltPhacts_30 Start: 27634, Stop: 28746, Start Num: 30

Candidate Starts for AltPhacts_30:

(Start: 30 @27634 has 272 MA's), (Start: 34 @27652 has 8 MA's), (50, 27703), (91, 27871), (105, 27949), (125, 28039), (131, 28063), (141, 28099), (153, 28156), (156, 28171), (157, 28180), (163, 28207), (164, 28210), (170, 28237), (183, 28300), (187, 28330), (191, 28336), (207, 28420), (209, 28429), (221, 28498), (227, 28534), (229, 28540), (232, 28552), (254, 28642), (257, 28660), (259, 28669), (266, 28687), (274, 28720),

Gene: Altwerkus_29 Start: 27334, Stop: 28446, Start Num: 30

Candidate Starts for Altwerkus_29:

(Start: 30 @27334 has 272 MA's), (Start: 34 @27352 has 8 MA's), (50, 27403), (91, 27571), (105, 27649), (125, 27739), (131, 27763), (141, 27799), (153, 27856), (156, 27871), (157, 27880), (163, 27907), (164, 27910), (170, 27937), (183, 28000), (187, 28030), (191, 28036), (207, 28120), (209, 28129), (221, 28198), (227, 28234), (229, 28240), (232, 28252), (254, 28342), (257, 28360), (259, 28369), (266, 28387), (274, 28420),

Gene: Amo99_59 Start: 37457, Stop: 38605, Start Num: 40

Candidate Starts for Amo99_59:

(Start: 40 @37457 has 15 MA's), (61, 37538), (63, 37544), (65, 37553), (112, 37751), (123, 37808), (129, 37829), (136, 37859), (137, 37865), (145, 37904), (146, 37910), (154, 37937), (156, 37949), (159, 37961), (166, 38000), (180, 38069), (183, 38078), (186, 38099), (193, 38129), (201, 38168), (211, 38219), (246, 38390), (247, 38393), (251, 38411), (252, 38417), (256, 38438), (257, 38444), (259, 38453),

Gene: AnClar_27 Start: 27520, Stop: 28560, Start Num: 41

Candidate Starts for AnClar_27:

(Start: 20 @27409 has 1 MA's), (Start: 41 @27520 has 61 MA's), (50, 27544), (93, 27718), (113, 27817), (117, 27838), (131, 27898), (136, 27916), (155, 28003), (156, 28006), (165, 28054), (170, 28072), (183, 28135), (187, 28165), (189, 28168), (195, 28189), (207, 28252), (243, 28432), (276, 28540), (282, 28549),

Gene: AnarQue_28 Start: 27025, Stop: 28074, Start Num: 41

Candidate Starts for AnarQue_28:

(Start: 41 @27025 has 61 MA's), (50, 27049), (52, 27055), (64, 27106), (70, 27139), (73, 27160), (78, 27175), (88, 27193), (92, 27217), (102, 27268), (113, 27322), (124, 27376), (131, 27403), (137, 27427), (148, 27478), (156, 27511), (159, 27523), (165, 27559), (175, 27592), (182, 27637), (183, 27640), (187, 27670), (205, 27742), (206, 27748), (207, 27757), (210, 27775), (236, 27907), (241, 27931), (243, 27937), (276, 28054), (282, 28063),

Gene: Anderson_30 Start: 27640, Stop: 28752, Start Num: 30

Candidate Starts for Anderson_30:

(Start: 30 @27640 has 272 MA's), (Start: 34 @27658 has 8 MA's), (50, 27709), (91, 27877), (105, 27955), (125, 28045), (131, 28069), (141, 28105), (153, 28162), (156, 28177), (157, 28186), (163, 28213), (164, 28216), (170, 28243), (183, 28306), (187, 28336), (191, 28342), (207, 28426), (209, 28435), (221, 28504), (227, 28540), (229, 28546), (232, 28558), (254, 28648), (257, 28666), (259, 28675), (266, 28693), (274, 28726),

Gene: Andre_30 Start: 27638, Stop: 28750, Start Num: 30

Candidate Starts for Andre_30:

(Start: 30 @27638 has 272 MA's), (Start: 34 @27656 has 8 MA's), (50, 27707), (91, 27875), (105, 27953), (125, 28043), (131, 28067), (141, 28103), (153, 28160), (156, 28175), (157, 28184), (163, 28211), (164, 28214), (170, 28241), (183, 28304), (187, 28334), (191, 28340), (207, 28424), (209, 28433), (221, 28502), (227, 28538), (229, 28544), (232, 28556), (254, 28646), (257, 28664), (259, 28673), (266, 28691), (274, 28724),

Gene: AngelCake_30 Start: 27658, Stop: 28770, Start Num: 30

Candidate Starts for AngelCake_30:

(Start: 30 @27658 has 272 MA's), (Start: 34 @27676 has 8 MA's), (50, 27727), (67, 27802), (91, 27895), (98, 27928), (105, 27973), (125, 28063), (131, 28087), (141, 28123), (153, 28180), (156, 28195), (157, 28204), (163, 28231), (164, 28234), (170, 28261), (183, 28324), (191, 28360), (207, 28444), (209, 28453), (221, 28522), (227, 28558), (229, 28564), (232, 28576), (254, 28666), (257, 28684), (259, 28693), (266, 28711), (274, 28744),

Gene: Antihero_26 Start: 26868, Stop: 27944, Start Num: 42

Candidate Starts for Antihero_26:

(Start: 42 @26868 has 29 MA's), (47, 26877), (88, 27045), (97, 27102), (110, 27165), (117, 27204), (125, 27240), (131, 27264), (141, 27300), (153, 27357), (156, 27372), (159, 27384), (163, 27408), (164, 27411), (175, 27453), (183, 27501), (186, 27522), (187, 27531), (191, 27537), (207, 27618), (210, 27636), (215, 27678), (217, 27687), (224, 27711), (232, 27750), (236, 27768), (238, 27786), (243, 27798), (257, 27858), (259, 27867),

Gene: Antonia_29 Start: 27208, Stop: 28320, Start Num: 30

Candidate Starts for Antonia_29:

(Start: 30 @27208 has 272 MA's), (Start: 34 @27226 has 8 MA's), (50, 27277), (91, 27445), (105, 27523), (125, 27613), (131, 27637), (141, 27673), (153, 27730), (156, 27745), (157, 27754), (163, 27781), (164, 27784), (170, 27811), (183, 27874), (187, 27904), (191, 27910), (207, 27994), (209, 28003), (221, 28072), (227, 28108), (229, 28114), (232, 28126), (254, 28216), (257, 28234), (259, 28243), (266, 28261), (274, 28294),

Gene: Aonishiki_30 Start: 27680, Stop: 28792, Start Num: 30

Candidate Starts for Aonishiki_30:

(Start: 30 @27680 has 272 MA's), (Start: 34 @27698 has 8 MA's), (50, 27749), (91, 27917), (105, 27995), (125, 28085), (131, 28109), (141, 28145), (153, 28202), (156, 28217), (157, 28226), (163, 28253), (164, 28256), (170, 28283), (183, 28346), (187, 28376), (191, 28382), (207, 28466), (209, 28475), (221, 28544), (227, 28580), (229, 28586), (232, 28598), (254, 28688), (257, 28706), (259, 28715), (266, 28733), (274, 28766),

Gene: Apex_27 Start: 28075, Stop: 29151, Start Num: 42

Candidate Starts for Apex_27:

(Start: 42 @28075 has 29 MA's), (47, 28084), (73, 28213), (88, 28252), (97, 28309), (110, 28372), (113, 28390), (117, 28411), (125, 28447), (131, 28471), (141, 28507), (153, 28564), (156, 28579), (159, 28591), (163, 28615), (164, 28618), (175, 28660), (183, 28708), (186, 28729), (187, 28738), (191, 28744), (207, 28825), (210, 28843), (215, 28885), (217, 28894), (224, 28918), (232, 28957), (236, 28975), (238, 28993), (243, 29005), (257, 29065), (259, 29074),

Gene: Apizium_29 Start: 27399, Stop: 28511, Start Num: 30

Candidate Starts for Apizium_29:

(Start: 30 @27399 has 272 MA's), (Start: 34 @27417 has 8 MA's), (50, 27468), (91, 27636), (105, 27714), (125, 27804), (131, 27828), (141, 27864), (153, 27921), (156, 27936), (157, 27945), (163, 27972), (164, 27975), (170, 28002), (183, 28065), (187, 28095), (191, 28101), (207, 28185), (209, 28194), (221, 28263), (227, 28299), (229, 28305), (232, 28317), (254, 28407), (257, 28425), (259, 28434), (266, 28452), (274, 28485),

Gene: Arbiter_31 Start: 29003, Stop: 30052, Start Num: 41

Candidate Starts for Arbiter_31:

(5, 28526), (6, 28571), (8, 28646), (11, 28742), (14, 28832), (Start: 20 @28892 has 1 MA's), (24, 28922), (25, 28925), (Start: 41 @29003 has 61 MA's), (54, 29051), (64, 29084), (72, 29135), (73, 29138), (92, 29201), (97, 29225), (120, 29348), (128, 29375), (131, 29387), (141, 29423), (149, 29465), (154, 29483), (159, 29507), (163, 29531), (165, 29543), (175, 29576), (180, 29615), (187, 29654), (199, 29702), (209, 29750), (212, 29771), (213, 29783), (219, 29813), (220, 29816), (221, 29819), (232, 29873), (238, 29909), (243, 29921), (248, 29936), (249, 29942), (256, 29969), (257, 29975), (258, 29981), (261, 29990),

Gene: Ares_31 Start: 28925, Stop: 29974, Start Num: 41

Candidate Starts for Ares_31:

(5, 28448), (6, 28493), (8, 28568), (11, 28664), (14, 28754), (Start: 20 @28814 has 1 MA's), (24, 28844), (25, 28847), (Start: 41 @28925 has 61 MA's), (54, 28973), (64, 29006), (72, 29057), (73, 29060), (92, 29123), (97, 29147), (120, 29270), (128, 29297), (131, 29309), (141, 29345), (149, 29387), (154, 29405), (159, 29429), (163, 29453), (175, 29498), (180, 29537), (187, 29576), (199, 29624), (209, 29672), (212, 29693), (213, 29705), (220, 29738), (221, 29741), (232, 29795), (238, 29831), (243, 29843), (248, 29858), (249, 29864), (256, 29891), (257, 29897), (258, 29903), (261, 29912),

Gene: Argie_24 Start: 26462, Stop: 27499, Start Num: 41

Candidate Starts for Argie_24:

(Start: 41 @26462 has 61 MA's), (49, 26483), (50, 26486), (54, 26510), (64, 26543), (73, 26597), (82, 26615), (86, 26618), (91, 26645), (97, 26675), (128, 26825), (141, 26873), (153, 26930), (154, 26933), (156, 26945), (159, 26957), (165, 26993), (170, 27011), (182, 27071), (183, 27074), (185, 27092), (187, 27104), (189, 27107), (197, 27143), (198, 27149), (207, 27191), (212, 27221), (213, 27233), (225, 27287), (237, 27344), (238, 27359), (245, 27377), (248, 27386), (249, 27392), (250, 27398), (256, 27419), (257, 27425), (261, 27440), (268, 27461), (269, 27464),

Gene: Ashraf_29 Start: 27206, Stop: 28318, Start Num: 30

Candidate Starts for Ashraf_29:

(Start: 30 @27206 has 272 MA's), (Start: 34 @27224 has 8 MA's), (50, 27275), (67, 27350), (91, 27443), (98, 27476), (105, 27521), (125, 27611), (131, 27635), (141, 27671), (153, 27728), (156, 27743), (157, 27752), (163, 27779), (164, 27782), (170, 27809), (183, 27872), (191, 27908), (207, 27992), (209, 28001), (221, 28070), (227, 28106), (229, 28112), (232, 28124), (254, 28214), (257, 28232), (259, 28241), (266, 28259), (274, 28292),

Gene: Asis_22 Start: 21599, Stop: 22627, Start Num: 46

Candidate Starts for Asis_22:

(12, 21332), (26, 21521), (Start: 46 @21599 has 10 MA's), (58, 21656), (65, 21683), (68, 21698), (105, 21866), (106, 21869), (115, 21911), (122, 21947), (141, 22019), (169, 22145), (182, 22211), (188, 22247), (190, 22250), (194, 22277), (196, 22283), (203, 22322), (227, 22454), (232, 22472), (235, 22487), (248, 22532), (252, 22553), (263, 22583), (264, 22586), (267, 22592), (272, 22616), (274, 22619),

Gene: Athena_31 Start: 28324, Stop: 29367, Start Num: 38

Candidate Starts for Athena_31:

(Start: 20 @28219 has 1 MA's), (24, 28249), (Start: 38 @28324 has 54 MA's), (54, 28372), (70, 28438), (92, 28522), (97, 28546), (101, 28570), (105, 28594), (111, 28615), (151, 28795), (153, 28801), (155, 28813), (170, 28882), (185, 28963), (205, 29050), (207, 29065), (212, 29095), (224, 29158), (237, 29218), (239, 29236), (242, 29242), (243, 29245), (249, 29266), (256, 29296), (257, 29302), (258, 29308), (261, 29317),

Gene: Audrey_30 Start: 27573, Stop: 28616, Start Num: 38

Candidate Starts for Audrey_30:

(Start: 20 @27468 has 1 MA's), (24, 27498), (Start: 38 @27573 has 54 MA's), (54, 27621), (70, 27687), (92, 27771), (97, 27795), (101, 27819), (105, 27843), (111, 27864), (117, 27897), (153, 28050), (155, 28062), (170, 28131), (185, 28212), (205, 28299), (207, 28314), (212, 28344), (224, 28407), (237, 28467), (239, 28485), (242, 28491), (243, 28494), (249, 28515), (256, 28545), (257, 28551), (258, 28557), (261, 28566),

Gene: Austelle_28 Start: 28531, Stop: 29607, Start Num: 42

Candidate Starts for Austelle_28:

(Start: 42 @28531 has 29 MA's), (47, 28540), (88, 28708), (97, 28765), (110, 28828), (113, 28846), (117, 28867), (125, 28903), (131, 28927), (141, 28963), (153, 29020), (156, 29035), (159, 29047),

(163, 29071), (164, 29074), (175, 29116), (183, 29164), (186, 29185), (187, 29194), (191, 29200), (207, 29281), (210, 29299), (215, 29341), (217, 29350), (224, 29374), (232, 29413), (236, 29431), (238, 29449), (243, 29461), (244, 29464), (257, 29521), (259, 29530),

Gene: Axumite_26 Start: 25044, Stop: 26081, Start Num: 40

Candidate Starts for Axumite_26:

(Start: 38 @25041 has 54 MA's), (Start: 40 @25044 has 15 MA's), (70, 25158), (87, 25206), (92, 25233), (103, 25287), (128, 25407), (131, 25419), (141, 25455), (156, 25527), (159, 25539), (165, 25575), (167, 25581), (170, 25593), (183, 25656), (207, 25773), (227, 25887), (243, 25953), (248, 25968), (249, 25974), (255, 26001), (266, 26031), (282, 26070),

Gene: BabyGotBac_22 Start: 21599, Stop: 22627, Start Num: 46

Candidate Starts for BabyGotBac_22:

(12, 21332), (26, 21521), (Start: 46 @21599 has 10 MA's), (58, 21656), (65, 21683), (68, 21698), (105, 21866), (106, 21869), (115, 21911), (122, 21947), (141, 22019), (169, 22145), (182, 22211), (188, 22247), (190, 22250), (194, 22277), (196, 22283), (203, 22322), (227, 22454), (235, 22487), (248, 22532), (252, 22553), (263, 22583), (264, 22586), (267, 22592), (272, 22616), (274, 22619),

Gene: Badfish_30 Start: 27669, Stop: 28781, Start Num: 30

Candidate Starts for Badfish_30:

(Start: 30 @27669 has 272 MA's), (Start: 34 @27687 has 8 MA's), (50, 27738), (91, 27906), (105, 27984), (125, 28074), (131, 28098), (141, 28134), (153, 28191), (156, 28206), (157, 28215), (163, 28242), (164, 28245), (170, 28272), (183, 28335), (187, 28365), (191, 28371), (207, 28455), (209, 28464), (221, 28533), (227, 28569), (229, 28575), (232, 28587), (254, 28677), (257, 28695), (259, 28704), (266, 28722), (274, 28755),

Gene: Baee_28 Start: 27667, Stop: 28755, Start Num: 36

Candidate Starts for Baee_28:

(33, 27655), (Start: 36 @27667 has 10 MA's), (85, 27847), (91, 27877), (92, 27883), (99, 27925), (131, 28069), (153, 28162), (164, 28216), (177, 28264), (185, 28324), (187, 28336), (191, 28342), (192, 28348), (196, 28363), (215, 28483), (224, 28516), (231, 28552), (238, 28591), (243, 28603), (257, 28663), (259, 28672), (260, 28675), (280, 28732),

Gene: Baloo_30 Start: 27576, Stop: 28619, Start Num: 38

Candidate Starts for Baloo_30:

(Start: 20 @27471 has 1 MA's), (24, 27501), (Start: 38 @27576 has 54 MA's), (54, 27624), (70, 27690), (92, 27774), (97, 27798), (101, 27822), (105, 27846), (111, 27867), (117, 27900), (153, 28053), (155, 28065), (170, 28134), (185, 28215), (205, 28302), (207, 28317), (212, 28347), (224, 28410), (237, 28470), (239, 28488), (242, 28494), (243, 28497), (249, 28518), (256, 28548), (257, 28554), (258, 28560), (261, 28569),

Gene: Bananafish_31 Start: 28923, Stop: 29972, Start Num: 41

Candidate Starts for Bananafish_31:

(5, 28446), (6, 28491), (8, 28566), (11, 28662), (14, 28752), (Start: 20 @28812 has 1 MA's), (24, 28842), (25, 28845), (Start: 41 @28923 has 61 MA's), (54, 28971), (64, 29004), (72, 29055), (73, 29058), (92, 29121), (97, 29145), (120, 29268), (128, 29295), (131, 29307), (141, 29343), (149, 29385), (154, 29403), (159, 29427), (163, 29451), (165, 29463), (175, 29496), (180, 29535), (187, 29574), (199, 29622), (209, 29670), (212, 29691), (213, 29703), (219, 29733), (220, 29736), (221, 29739), (232, 29793), (238, 29829), (243, 29841), (248, 29856), (249, 29862), (256, 29889), (257, 29895), (258, 29901), (261, 29910),

Gene: Banjo_29 Start: 27345, Stop: 28457, Start Num: 30

Candidate Starts for Banjo_29:

(Start: 30 @27345 has 272 MA's), (Start: 34 @27363 has 8 MA's), (50, 27414), (91, 27582), (105, 27660), (125, 27750), (131, 27774), (141, 27810), (153, 27867), (156, 27882), (157, 27891), (163, 27918), (164, 27921), (170, 27948), (183, 28011), (187, 28041), (191, 28047), (207, 28131), (209, 28140), (221, 28209), (227, 28245), (229, 28251), (232, 28263), (254, 28353), (257, 28371), (259, 28380), (266, 28398), (274, 28431),

Gene: Basato_31 Start: 27873, Stop: 28985, Start Num: 30

Candidate Starts for Basato_31:

(Start: 30 @27873 has 272 MA's), (Start: 34 @27891 has 8 MA's), (50, 27942), (91, 28110), (105, 28188), (125, 28278), (131, 28302), (141, 28338), (153, 28395), (156, 28410), (157, 28419), (163, 28446), (164, 28449), (170, 28476), (183, 28539), (187, 28569), (191, 28575), (207, 28659), (209, 28668), (221, 28737), (227, 28773), (229, 28779), (232, 28791), (254, 28881), (257, 28899), (259, 28908), (266, 28926), (274, 28959),

Gene: BatteryCK_29 Start: 27264, Stop: 28376, Start Num: 30

Candidate Starts for BatteryCK_29:

(Start: 30 @27264 has 272 MA's), (Start: 34 @27282 has 8 MA's), (50, 27333), (67, 27408), (91, 27501), (98, 27534), (105, 27579), (125, 27669), (131, 27693), (141, 27729), (153, 27786), (156, 27801), (157, 27810), (163, 27837), (164, 27840), (170, 27867), (183, 27930), (191, 27966), (207, 28050), (209, 28059), (221, 28128), (227, 28164), (229, 28170), (232, 28182), (254, 28272), (257, 28290), (259, 28299), (266, 28317), (274, 28350),

Gene: BayC_22 Start: 21599, Stop: 22627, Start Num: 46

Candidate Starts for BayC_22:

(12, 21332), (26, 21521), (Start: 46 @21599 has 10 MA's), (58, 21656), (65, 21683), (68, 21698), (105, 21866), (106, 21869), (115, 21911), (122, 21947), (141, 22019), (169, 22145), (182, 22211), (188, 22247), (190, 22250), (194, 22277), (196, 22283), (203, 22322), (227, 22454), (235, 22487), (248, 22532), (252, 22553), (263, 22583), (264, 22586), (267, 22592), (272, 22616), (274, 22619),

Gene: Beaglebox_29 Start: 27365, Stop: 28477, Start Num: 30

Candidate Starts for Beaglebox_29:

(Start: 30 @27365 has 272 MA's), (Start: 34 @27383 has 8 MA's), (50, 27434), (91, 27602), (105, 27680), (125, 27770), (131, 27794), (141, 27830), (153, 27887), (156, 27902), (157, 27911), (163, 27938), (164, 27941), (170, 27968), (183, 28031), (187, 28061), (191, 28067), (207, 28151), (209, 28160), (221, 28229), (227, 28265), (229, 28271), (232, 28283), (254, 28373), (257, 28391), (259, 28400), (266, 28418), (274, 28451),

Gene: Ben11_29 Start: 27395, Stop: 28438, Start Num: 38

Candidate Starts for Ben11_29:

(Start: 20 @27290 has 1 MA's), (24, 27320), (Start: 38 @27395 has 54 MA's), (54, 27443), (70, 27509), (92, 27593), (97, 27617), (101, 27641), (105, 27665), (111, 27686), (117, 27719), (153, 27872), (155, 27884), (170, 27953), (185, 28034), (205, 28121), (207, 28136), (212, 28166), (224, 28229), (237, 28289), (239, 28307), (242, 28313), (243, 28316), (249, 28337), (256, 28367), (257, 28373), (258, 28379), (261, 28388),

Gene: Bernardo_30 Start: 27558, Stop: 28706, Start Num: 20

Candidate Starts for Bernardo_30:

(Start: 20 @27558 has 1 MA's), (24, 27588), (Start: 38 @27663 has 54 MA's), (54, 27711), (70, 27777), (92, 27861), (97, 27885), (101, 27909), (105, 27933), (111, 27954), (153, 28140), (155, 28152), (170, 28221), (185, 28302), (205, 28389), (207, 28404), (212, 28434), (224, 28497), (237, 28557), (239, 28575), (242, 28581), (243, 28584), (249, 28605), (256, 28635), (257, 28641), (258, 28647), (261, 28656),

Gene: BiggityBass_26 Start: 27310, Stop: 28350, Start Num: 41

Candidate Starts for BiggityBass_26:

(Start: 41 @27310 has 61 MA's), (50, 27334), (93, 27508), (113, 27607), (117, 27628), (131, 27688), (136, 27706), (156, 27796), (165, 27844), (170, 27862), (183, 27925), (189, 27958), (195, 27979), (207, 28042), (243, 28222), (276, 28330), (282, 28339),

Gene: BirdsNest_32 Start: 27260, Stop: 28324, Start Num: 43

Candidate Starts for BirdsNest_32:

(Start: 43 @27260 has 3 MA's), (54, 27311), (72, 27395), (81, 27419), (125, 27626), (131, 27650), (139, 27680), (148, 27725), (153, 27743), (159, 27770), (163, 27794), (187, 27917), (191, 27923), (207, 28004), (209, 28013), (210, 28022), (232, 28136), (236, 28154), (238, 28172), (255, 28232), (257, 28244), (272, 28295), (274, 28298),

Gene: Bishoperium_29 Start: 27354, Stop: 28466, Start Num: 30

Candidate Starts for Bishoperium_29:

(Start: 30 @27354 has 272 MA's), (Start: 34 @27372 has 8 MA's), (50, 27423), (91, 27591), (105, 27669), (125, 27759), (131, 27783), (141, 27819), (153, 27876), (156, 27891), (157, 27900), (163, 27927), (164, 27930), (170, 27957), (183, 28020), (187, 28050), (191, 28056), (207, 28140), (209, 28149), (221, 28218), (227, 28254), (229, 28260), (232, 28272), (254, 28362), (257, 28380), (259, 28389), (266, 28407), (274, 28440),

Gene: BlackStallion_30 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for BlackStallion_30:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: Blackpen_28 Start: 26443, Stop: 27492, Start Num: 41

Candidate Starts for Blackpen_28:

(Start: 41 @26443 has 61 MA's), (50, 26467), (64, 26524), (70, 26557), (73, 26578), (78, 26593), (88, 26611), (92, 26635), (102, 26686), (113, 26740), (124, 26794), (131, 26821), (137, 26845), (156, 26929), (159, 26941), (165, 26977), (175, 27010), (182, 27055), (183, 27058), (187, 27088), (205, 27160), (206, 27166), (207, 27175), (210, 27193), (225, 27271), (236, 27325), (241, 27349), (243, 27355), (276, 27472), (282, 27481),

Gene: BlacksBerry_29 Start: 27366, Stop: 28478, Start Num: 30

Candidate Starts for BlacksBerry_29:

(Start: 30 @27366 has 272 MA's), (Start: 34 @27384 has 8 MA's), (50, 27435), (67, 27510), (91, 27603), (98, 27636), (105, 27681), (125, 27771), (131, 27795), (141, 27831), (153, 27888), (156, 27903), (157, 27912), (163, 27939), (164, 27942), (170, 27969), (183, 28032), (187, 28062), (189, 28065), (191, 28068), (207, 28152), (209, 28161), (221, 28230), (227, 28266), (229, 28272), (232, 28284), (254, 28374), (257, 28392), (259, 28401), (266, 28419), (274, 28452),

Gene: Blocker23_31 Start: 29044, Stop: 30093, Start Num: 41

Candidate Starts for Blocker23_31:

(5, 28567), (6, 28612), (8, 28687), (11, 28783), (14, 28873), (Start: 20 @28933 has 1 MA's), (24, 28963), (25, 28966), (Start: 41 @29044 has 61 MA's), (54, 29092), (64, 29125), (72, 29176), (73, 29179), (92, 29242), (97, 29266), (120, 29389), (128, 29416), (131, 29428), (141, 29464), (149, 29506), (154, 29524), (159, 29548), (163, 29572), (165, 29584), (175, 29617), (180, 29656), (187, 29695), (199, 29743), (209, 29791), (212, 29812), (213, 29824), (220, 29857), (221, 29860), (232, 29914), (238, 29950), (243, 29962), (248, 29977), (249, 29983), (256, 30010), (257, 30016), (258,

30022), (261, 30031),

Gene: BlueHusk_30 Start: 27153, Stop: 28265, Start Num: 30

Candidate Starts for BlueHusk_30:

(Start: 30 @27153 has 272 MA's), (Start: 34 @27171 has 8 MA's), (50, 27222), (91, 27390), (105, 27468), (125, 27558), (131, 27582), (141, 27618), (153, 27675), (156, 27690), (157, 27699), (163, 27726), (164, 27729), (170, 27756), (183, 27819), (187, 27849), (191, 27855), (207, 27939), (209, 27948), (221, 28017), (227, 28053), (229, 28059), (232, 28071), (254, 28161), (257, 28179), (259, 28188), (266, 28206), (274, 28239),

Gene: Bluephacebaby_29 Start: 27351, Stop: 28463, Start Num: 30

Candidate Starts for Bluephacebaby_29:

(Start: 30 @27351 has 272 MA's), (Start: 34 @27369 has 8 MA's), (50, 27420), (91, 27588), (105, 27666), (125, 27756), (131, 27780), (141, 27816), (153, 27873), (156, 27888), (157, 27897), (163, 27924), (164, 27927), (170, 27954), (183, 28017), (187, 28047), (191, 28053), (207, 28137), (209, 28146), (221, 28215), (227, 28251), (229, 28257), (232, 28269), (254, 28359), (257, 28377), (259, 28386), (266, 28404), (274, 28437),

Gene: BobRoss2024_25 Start: 25077, Stop: 26117, Start Num: 41

Candidate Starts for BobRoss2024_25:

(Start: 41 @25077 has 61 MA's), (50, 25101), (70, 25191), (74, 25215), (83, 25233), (87, 25242), (105, 25341), (131, 25455), (153, 25548), (155, 25560), (163, 25599), (187, 25722), (206, 25800), (207, 25809), (209, 25818), (225, 25905), (243, 25989), (256, 26043), (259, 26058), (282, 26106),

Gene: BobbyK_27 Start: 27900, Stop: 28976, Start Num: 42

Candidate Starts for BobbyK_27:

(Start: 42 @27900 has 29 MA's), (47, 27909), (88, 28077), (97, 28134), (110, 28197), (117, 28236), (125, 28272), (131, 28296), (141, 28332), (153, 28389), (156, 28404), (159, 28416), (163, 28440), (164, 28443), (175, 28485), (183, 28533), (187, 28563), (191, 28569), (207, 28650), (210, 28668), (215, 28710), (217, 28719), (224, 28743), (232, 28782), (236, 28800), (238, 28818), (243, 28830), (244, 28833), (257, 28890), (259, 28899),

Gene: Boehler_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Boehler_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: BoogieWoogie_29 Start: 27338, Stop: 28450, Start Num: 30

Candidate Starts for BoogieWoogie_29:

(Start: 30 @27338 has 272 MA's), (Start: 34 @27356 has 8 MA's), (50, 27407), (91, 27575), (105, 27653), (125, 27743), (131, 27767), (141, 27803), (153, 27860), (156, 27875), (157, 27884), (163, 27911), (164, 27914), (170, 27941), (183, 28004), (187, 28034), (191, 28040), (207, 28124), (209, 28133), (221, 28202), (227, 28238), (229, 28244), (232, 28256), (254, 28346), (257, 28364), (259, 28373), (266, 28391), (274, 28424),

Gene: Boyle_31 Start: 29042, Stop: 30091, Start Num: 41

Candidate Starts for Boyle_31:

(5, 28565), (6, 28610), (8, 28685), (11, 28781), (14, 28871), (Start: 20 @28931 has 1 MA's), (24, 28961), (25, 28964), (Start: 41 @29042 has 61 MA's), (54, 29090), (64, 29123), (72, 29174), (73, 29177), (92, 29240), (97, 29264), (120, 29387), (128, 29414), (131, 29426), (141, 29462), (149,

29504), (154, 29522), (159, 29546), (163, 29570), (165, 29582), (175, 29615), (180, 29654), (187, 29693), (199, 29741), (209, 29789), (212, 29810), (213, 29822), (220, 29855), (221, 29858), (232, 29912), (238, 29948), (243, 29960), (248, 29975), (249, 29981), (256, 30008), (257, 30014), (258, 30020), (261, 30029),

Gene: Briakila_30 Start: 28338, Stop: 29381, Start Num: 38

Candidate Starts for Briakila_30:

(Start: 20 @28233 has 1 MA's), (24, 28263), (Start: 38 @28338 has 54 MA's), (54, 28386), (70, 28452), (92, 28536), (97, 28560), (101, 28584), (105, 28608), (111, 28629), (151, 28809), (153, 28815), (155, 28827), (170, 28896), (185, 28977), (205, 29064), (207, 29079), (212, 29109), (224, 29172), (237, 29232), (239, 29250), (242, 29256), (243, 29259), (249, 29280), (256, 29310), (257, 29316), (258, 29322), (261, 29331),

Gene: Brilliant_30 Start: 27362, Stop: 28474, Start Num: 30

Candidate Starts for Brilliant_30:

(Start: 30 @27362 has 272 MA's), (Start: 34 @27380 has 8 MA's), (50, 27431), (67, 27506), (91, 27599), (98, 27632), (105, 27677), (125, 27767), (131, 27791), (141, 27827), (153, 27884), (156, 27899), (157, 27908), (163, 27935), (164, 27938), (170, 27965), (183, 28028), (191, 28064), (207, 28148), (209, 28157), (221, 28226), (227, 28262), (229, 28268), (232, 28280), (254, 28370), (257, 28388), (259, 28397), (266, 28415), (274, 28448),

Gene: BrownCNA_28 Start: 28161, Stop: 29237, Start Num: 42

Candidate Starts for BrownCNA_28:

(Start: 42 @28161 has 29 MA's), (47, 28170), (88, 28338), (97, 28395), (110, 28458), (117, 28497), (125, 28533), (131, 28557), (141, 28593), (153, 28650), (156, 28665), (159, 28677), (163, 28701), (164, 28704), (175, 28746), (183, 28794), (186, 28815), (187, 28824), (191, 28830), (207, 28911), (210, 28929), (215, 28971), (217, 28980), (224, 29004), (232, 29043), (236, 29061), (238, 29079), (243, 29091), (244, 29094), (257, 29151), (259, 29160),

Gene: Brownie5_31 Start: 29048, Stop: 30097, Start Num: 41

Candidate Starts for Brownie5_31:

(5, 28571), (6, 28616), (8, 28691), (11, 28787), (14, 28877), (Start: 20 @28937 has 1 MA's), (24, 28967), (25, 28970), (Start: 41 @29048 has 61 MA's), (54, 29096), (64, 29129), (72, 29180), (73, 29183), (92, 29246), (97, 29270), (120, 29393), (128, 29420), (131, 29432), (141, 29468), (149, 29510), (154, 29528), (159, 29552), (163, 29576), (165, 29588), (175, 29621), (180, 29660), (187, 29699), (199, 29747), (209, 29795), (212, 29816), (213, 29828), (220, 29861), (221, 29864), (232, 29918), (238, 29954), (243, 29966), (248, 29981), (249, 29987), (256, 30014), (257, 30020), (258, 30026), (261, 30035),

Gene: Buckeye_30 Start: 27674, Stop: 28786, Start Num: 30

Candidate Starts for Buckeye_30:

(Start: 30 @27674 has 272 MA's), (Start: 34 @27692 has 8 MA's), (50, 27743), (91, 27911), (105, 27989), (125, 28079), (131, 28103), (141, 28139), (153, 28196), (156, 28211), (157, 28220), (163, 28247), (164, 28250), (170, 28277), (183, 28340), (187, 28370), (191, 28376), (207, 28460), (209, 28469), (221, 28538), (227, 28574), (229, 28580), (232, 28592), (254, 28682), (257, 28700), (259, 28709), (266, 28727), (274, 28760),

Gene: Burr_29 Start: 27350, Stop: 28462, Start Num: 30

Candidate Starts for Burr_29:

(Start: 30 @27350 has 272 MA's), (Start: 34 @27368 has 8 MA's), (50, 27419), (91, 27587), (105, 27665), (125, 27755), (131, 27779), (141, 27815), (153, 27872), (156, 27887), (157, 27896), (163, 27923), (164, 27926), (170, 27953), (183, 28016), (187, 28046), (191, 28052), (207, 28136), (209, 28145), (221, 28214), (227, 28250), (229, 28256), (232, 28268), (254, 28358), (257, 28376), (259,

28385), (266, 28403), (274, 28436),

Gene: CRB2_32 Start: 30636, Stop: 31733, Start Num: 40

Candidate Starts for CRB2_32:

(Start: 40 @30636 has 15 MA's), (87, 30810), (88, 30813), (96, 30858), (117, 30963), (128, 31011), (131, 31023), (148, 31098), (153, 31116), (154, 31119), (157, 31140), (159, 31143), (163, 31167), (175, 31212), (177, 31218), (183, 31260), (187, 31290), (191, 31296), (207, 31377), (210, 31395), (214, 31434), (215, 31437), (232, 31509), (238, 31545), (242, 31554), (243, 31557), (247, 31569), (253, 31596), (257, 31617), (274, 31686),

Gene: CaiB_28 Start: 27011, Stop: 28060, Start Num: 41

Candidate Starts for CaiB_28:

(Start: 41 @27011 has 61 MA's), (50, 27035), (64, 27092), (70, 27125), (73, 27146), (78, 27161), (88, 27179), (92, 27203), (102, 27254), (113, 27308), (124, 27362), (131, 27389), (137, 27413), (148, 27464), (156, 27497), (159, 27509), (165, 27545), (175, 27578), (182, 27623), (183, 27626), (187, 27656), (205, 27728), (206, 27734), (207, 27743), (210, 27761), (236, 27893), (241, 27917), (243, 27923), (276, 28040), (282, 28049),

Gene: Calamitous_31 Start: 28928, Stop: 29977, Start Num: 41

Candidate Starts for Calamitous_31:

(5, 28451), (6, 28496), (8, 28571), (11, 28667), (14, 28757), (Start: 20 @28817 has 1 MA's), (24, 28847), (25, 28850), (Start: 41 @28928 has 61 MA's), (54, 28976), (64, 29009), (72, 29060), (73, 29063), (92, 29126), (97, 29150), (120, 29273), (128, 29300), (131, 29312), (141, 29348), (149, 29390), (154, 29408), (159, 29432), (163, 29456), (165, 29468), (175, 29501), (180, 29540), (187, 29579), (199, 29627), (209, 29675), (212, 29696), (213, 29708), (219, 29738), (220, 29741), (221, 29744), (232, 29798), (238, 29834), (243, 29846), (248, 29861), (249, 29867), (256, 29894), (257, 29900), (258, 29906), (261, 29915),

Gene: CamL_30 Start: 27652, Stop: 28764, Start Num: 30

Candidate Starts for CamL_30:

(Start: 30 @27652 has 272 MA's), (Start: 34 @27670 has 8 MA's), (50, 27721), (91, 27889), (105, 27967), (125, 28057), (131, 28081), (141, 28117), (153, 28174), (156, 28189), (157, 28198), (163, 28225), (164, 28228), (170, 28255), (183, 28318), (187, 28348), (191, 28354), (207, 28438), (209, 28447), (221, 28516), (227, 28552), (229, 28558), (232, 28570), (254, 28660), (257, 28678), (259, 28687), (266, 28705), (274, 28738),

Gene: CampRoach_30 Start: 27642, Stop: 28754, Start Num: 30

Candidate Starts for CampRoach_30:

(Start: 30 @27642 has 272 MA's), (Start: 34 @27660 has 8 MA's), (50, 27711), (91, 27879), (105, 27957), (125, 28047), (131, 28071), (141, 28107), (153, 28164), (156, 28179), (157, 28188), (163, 28215), (164, 28218), (170, 28245), (183, 28308), (187, 28338), (191, 28344), (207, 28428), (209, 28437), (221, 28506), (227, 28542), (229, 28548), (232, 28560), (254, 28650), (257, 28668), (259, 28677), (266, 28695), (274, 28728),

Gene: Cannibal_30 Start: 27635, Stop: 28747, Start Num: 30

Candidate Starts for Cannibal_30:

(Start: 30 @27635 has 272 MA's), (Start: 34 @27653 has 8 MA's), (50, 27704), (91, 27872), (105, 27950), (125, 28040), (131, 28064), (141, 28100), (153, 28157), (156, 28172), (157, 28181), (163, 28208), (164, 28211), (170, 28238), (183, 28301), (187, 28331), (191, 28337), (207, 28421), (209, 28430), (221, 28499), (227, 28535), (229, 28541), (232, 28553), (254, 28643), (257, 28661), (259, 28670), (266, 28688), (274, 28721),

Gene: Carthage_28 Start: 26561, Stop: 27673, Start Num: 30

Candidate Starts for Carthage_28:

(Start: 30 @26561 has 272 MA's), (Start: 34 @26579 has 8 MA's), (50, 26630), (91, 26798), (105, 26876), (125, 26966), (131, 26990), (141, 27026), (153, 27083), (156, 27098), (157, 27107), (163, 27134), (164, 27137), (170, 27164), (183, 27227), (187, 27257), (191, 27263), (207, 27347), (209, 27356), (221, 27425), (227, 27461), (229, 27467), (232, 27479), (254, 27569), (257, 27587), (259, 27596), (266, 27614), (274, 27647),

Gene: Casbah_29 Start: 27425, Stop: 28468, Start Num: 38

Candidate Starts for Casbah_29:

(Start: 20 @27320 has 1 MA's), (24, 27350), (Start: 38 @27425 has 54 MA's), (54, 27473), (70, 27539), (92, 27623), (97, 27647), (101, 27671), (105, 27695), (111, 27716), (151, 27896), (153, 27902), (155, 27914), (170, 27983), (185, 28064), (205, 28151), (207, 28166), (212, 28196), (224, 28259), (237, 28319), (239, 28337), (242, 28343), (243, 28346), (249, 28367), (256, 28397), (257, 28403), (258, 28409), (261, 28418),

Gene: Caspiboi_29 Start: 27361, Stop: 28473, Start Num: 30

Candidate Starts for Caspiboi_29:

(Start: 30 @27361 has 272 MA's), (Start: 34 @27379 has 8 MA's), (50, 27430), (67, 27505), (91, 27598), (98, 27631), (105, 27676), (125, 27766), (131, 27790), (141, 27826), (153, 27883), (156, 27898), (157, 27907), (163, 27934), (164, 27937), (170, 27964), (183, 28027), (191, 28063), (207, 28147), (209, 28156), (221, 28225), (227, 28261), (229, 28267), (232, 28279), (254, 28369), (257, 28387), (259, 28396), (266, 28414), (274, 28447),

Gene: Causa_35 Start: 30771, Stop: 31865, Start Num: 40

Candidate Starts for Causa_35:

(7, 30363), (8, 30417), (9, 30486), (11, 30513), (Start: 20 @30663 has 1 MA's), (24, 30693), (Start: 40 @30771 has 15 MA's), (57, 30828), (59, 30837), (71, 30900), (76, 30915), (104, 31032), (113, 31080), (126, 31143), (130, 31155), (131, 31161), (135, 31179), (140, 31197), (160, 31290), (163, 31308), (170, 31338), (181, 31395), (187, 31431), (207, 31518), (237, 31671), (255, 31746), (256, 31752), (257, 31758), (268, 31794), (285, 31845),

Gene: Cepens_23 Start: 26183, Stop: 27220, Start Num: 41

Candidate Starts for Cepens_23:

(Start: 41 @26183 has 61 MA's), (49, 26204), (54, 26231), (64, 26264), (73, 26318), (82, 26336), (86, 26339), (91, 26366), (92, 26372), (97, 26396), (128, 26546), (141, 26594), (153, 26651), (154, 26654), (156, 26666), (159, 26678), (165, 26714), (182, 26792), (183, 26795), (185, 26813), (187, 26825), (189, 26828), (197, 26864), (198, 26870), (207, 26912), (212, 26942), (213, 26954), (225, 27008), (237, 27065), (238, 27080), (245, 27098), (248, 27107), (249, 27113), (250, 27119), (256, 27140), (261, 27161), (269, 27185),

Gene: ChaChing_30 Start: 27588, Stop: 28631, Start Num: 38

Candidate Starts for ChaChing_30:

(Start: 20 @27483 has 1 MA's), (24, 27513), (Start: 38 @27588 has 54 MA's), (54, 27636), (70, 27702), (92, 27786), (97, 27810), (101, 27834), (105, 27858), (111, 27879), (117, 27912), (153, 28065), (155, 28077), (170, 28146), (185, 28227), (205, 28314), (207, 28329), (212, 28359), (224, 28422), (237, 28482), (239, 28500), (242, 28506), (243, 28509), (249, 28530), (256, 28560), (257, 28566), (258, 28572), (261, 28581),

Gene: Chaelin_30 Start: 27349, Stop: 28461, Start Num: 30

Candidate Starts for Chaelin_30:

(Start: 30 @27349 has 272 MA's), (Start: 34 @27367 has 8 MA's), (50, 27418), (91, 27586), (105, 27664), (125, 27754), (131, 27778), (141, 27814), (153, 27871), (156, 27886), (157, 27895), (163, 27922), (164, 27925), (170, 27952), (183, 28015), (187, 28045), (191, 28051), (207, 28135), (209,

28144), (221, 28213), (227, 28249), (229, 28255), (232, 28267), (254, 28357), (257, 28375), (259, 28384), (266, 28402), (274, 28435),

Gene: Chah_31 Start: 27687, Stop: 28781, Start Num: 34

Candidate Starts for Chah_31:

(Start: 30 @27669 has 272 MA's), (Start: 34 @27687 has 8 MA's), (50, 27738), (91, 27906), (105, 27984), (125, 28074), (131, 28098), (141, 28134), (153, 28191), (156, 28206), (157, 28215), (163, 28242), (164, 28245), (170, 28272), (183, 28335), (187, 28365), (191, 28371), (207, 28455), (209, 28464), (221, 28533), (227, 28569), (229, 28575), (232, 28587), (254, 28677), (257, 28695), (259, 28704), (266, 28722), (274, 28755),

Gene: Chalmers_30 Start: 28380, Stop: 29423, Start Num: 38

Candidate Starts for Chalmers_30:

(Start: 20 @28275 has 1 MA's), (24, 28305), (Start: 38 @28380 has 54 MA's), (54, 28428), (70, 28494), (92, 28578), (97, 28602), (105, 28650), (111, 28671), (151, 28851), (153, 28857), (155, 28869), (170, 28938), (185, 29019), (205, 29106), (207, 29121), (212, 29151), (224, 29214), (237, 29274), (239, 29292), (242, 29298), (243, 29301), (249, 29322), (256, 29352), (257, 29358), (258, 29364), (261, 29373),

Gene: Chandler_30 Start: 28353, Stop: 29396, Start Num: 38

Candidate Starts for Chandler_30:

(Start: 20 @28248 has 1 MA's), (24, 28278), (Start: 38 @28353 has 54 MA's), (54, 28401), (70, 28467), (92, 28551), (97, 28575), (101, 28599), (105, 28623), (111, 28644), (117, 28677), (153, 28830), (155, 28842), (170, 28911), (185, 28992), (205, 29079), (207, 29094), (212, 29124), (224, 29187), (237, 29247), (239, 29265), (242, 29271), (243, 29274), (249, 29295), (256, 29325), (257, 29331), (258, 29337), (261, 29346),

Gene: Charles1_30 Start: 27637, Stop: 28749, Start Num: 30

Candidate Starts for Charles1_30:

(Start: 30 @27637 has 272 MA's), (Start: 34 @27655 has 8 MA's), (50, 27706), (91, 27874), (105, 27952), (125, 28042), (131, 28066), (141, 28102), (153, 28159), (156, 28174), (157, 28183), (163, 28210), (164, 28213), (170, 28240), (183, 28303), (187, 28333), (191, 28339), (207, 28423), (209, 28432), (221, 28501), (227, 28537), (229, 28543), (232, 28555), (254, 28645), (257, 28663), (259, 28672), (266, 28690), (274, 28723),

Gene: CharlieGBrown_29 Start: 27226, Stop: 28338, Start Num: 30

Candidate Starts for CharlieGBrown_29:

(Start: 30 @27226 has 272 MA's), (Start: 34 @27244 has 8 MA's), (50, 27295), (67, 27370), (91, 27463), (98, 27496), (105, 27541), (125, 27631), (131, 27655), (141, 27691), (153, 27748), (156, 27763), (157, 27772), (163, 27799), (164, 27802), (170, 27829), (183, 27892), (191, 27928), (207, 28012), (209, 28021), (221, 28090), (227, 28126), (229, 28132), (232, 28144), (254, 28234), (257, 28252), (259, 28261), (266, 28279), (274, 28312),

Gene: CharlottesWeb_26 Start: 24964, Stop: 26004, Start Num: 40

Candidate Starts for CharlottesWeb_26:

(Start: 40 @24964 has 15 MA's), (54, 25012), (73, 25099), (103, 25207), (113, 25258), (117, 25279), (128, 25327), (131, 25339), (137, 25363), (141, 25375), (153, 25432), (155, 25444), (156, 25447), (164, 25486), (167, 25501), (170, 25513), (175, 25528), (187, 25606), (189, 25609), (194, 25627), (195, 25630), (205, 25678), (206, 25684), (207, 25693), (209, 25702), (223, 25783), (232, 25825), (243, 25873), (248, 25888), (255, 25921), (276, 25984), (282, 25993),

Gene: CheetO_30 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for CheetO_30:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (67, 27795), (91, 27888), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163, 28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209, 28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Chentzyk_29 Start: 27443, Stop: 28486, Start Num: 38

Candidate Starts for Chentzyk_29:

(Start: 20 @27338 has 1 MA's), (24, 27368), (Start: 38 @27443 has 54 MA's), (54, 27491), (70, 27557), (92, 27641), (97, 27665), (101, 27689), (105, 27713), (111, 27734), (153, 27920), (155, 27932), (170, 28001), (185, 28082), (205, 28169), (207, 28184), (212, 28214), (224, 28277), (237, 28337), (239, 28355), (242, 28361), (243, 28364), (249, 28385), (256, 28415), (257, 28421), (258, 28427), (261, 28436),

Gene: Cher_29 Start: 27374, Stop: 28486, Start Num: 30

Candidate Starts for Cher_29:

(Start: 30 @27374 has 272 MA's), (Start: 34 @27392 has 8 MA's), (50, 27443), (91, 27611), (105, 27689), (125, 27779), (131, 27803), (141, 27839), (153, 27896), (156, 27911), (157, 27920), (163, 27947), (164, 27950), (170, 27977), (183, 28040), (187, 28070), (191, 28076), (207, 28160), (209, 28169), (221, 28238), (227, 28274), (229, 28280), (232, 28292), (254, 28382), (257, 28400), (259, 28409), (266, 28427), (274, 28460),

Gene: Childish_29 Start: 27377, Stop: 28489, Start Num: 30

Candidate Starts for Childish_29:

(Start: 30 @27377 has 272 MA's), (Start: 34 @27395 has 8 MA's), (50, 27446), (91, 27614), (105, 27692), (125, 27782), (131, 27806), (141, 27842), (153, 27899), (156, 27914), (157, 27923), (163, 27950), (164, 27953), (170, 27980), (183, 28043), (187, 28073), (191, 28079), (207, 28163), (209, 28172), (221, 28241), (227, 28277), (229, 28283), (232, 28295), (254, 28385), (257, 28403), (259, 28412), (266, 28430), (274, 28463),

Gene: Chipette_31 Start: 27867, Stop: 28979, Start Num: 30

Candidate Starts for Chipette_31:

(Start: 30 @27867 has 272 MA's), (Start: 34 @27885 has 8 MA's), (50, 27936), (67, 28011), (91, 28104), (98, 28137), (105, 28182), (125, 28272), (131, 28296), (141, 28332), (153, 28389), (156, 28404), (157, 28413), (163, 28440), (164, 28443), (170, 28470), (183, 28533), (187, 28563), (191, 28569), (207, 28653), (209, 28662), (221, 28731), (227, 28767), (229, 28773), (232, 28785), (254, 28875), (257, 28893), (259, 28902), (266, 28920), (274, 28953),

Gene: Chorkpop_30 Start: 27373, Stop: 28485, Start Num: 30

Candidate Starts for Chorkpop_30:

(Start: 30 @27373 has 272 MA's), (Start: 34 @27391 has 8 MA's), (50, 27442), (91, 27610), (105, 27688), (125, 27778), (131, 27802), (141, 27838), (153, 27895), (156, 27910), (157, 27919), (163, 27946), (164, 27949), (170, 27976), (183, 28039), (187, 28069), (191, 28075), (207, 28159), (209, 28168), (221, 28237), (227, 28273), (229, 28279), (232, 28291), (254, 28381), (257, 28399), (259, 28408), (266, 28426), (274, 28459),

Gene: ChrisnMich_26 Start: 26860, Stop: 27936, Start Num: 42

Candidate Starts for ChrisnMich_26:

(Start: 42 @26860 has 29 MA's), (47, 26869), (73, 26998), (88, 27037), (97, 27094), (110, 27157), (117, 27196), (125, 27232), (131, 27256), (141, 27292), (153, 27349), (156, 27364), (159, 27376), (163, 27400), (164, 27403), (170, 27430), (175, 27445), (183, 27493), (186, 27514), (187, 27523), (191, 27529), (207, 27610), (210, 27628), (215, 27670), (217, 27679), (224, 27703), (232, 27742), (236, 27760), (238, 27778), (243, 27790), (257, 27850), (259, 27859),

Gene: Chuni_29 Start: 27667, Stop: 28779, Start Num: 30

Candidate Starts for Chuni_29:

(Start: 30 @27667 has 272 MA's), (Start: 34 @27685 has 8 MA's), (50, 27736), (67, 27811), (91, 27904), (98, 27937), (105, 27982), (125, 28072), (131, 28096), (141, 28132), (153, 28189), (156, 28204), (157, 28213), (163, 28240), (164, 28243), (170, 28270), (183, 28333), (191, 28369), (207, 28453), (209, 28462), (221, 28531), (227, 28567), (229, 28573), (232, 28585), (254, 28675), (257, 28693), (259, 28702), (266, 28720), (274, 28753),

Gene: Chunky_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Chunky_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Chute_29 Start: 27692, Stop: 28804, Start Num: 30

Candidate Starts for Chute_29:

(Start: 30 @27692 has 272 MA's), (Start: 34 @27710 has 8 MA's), (50, 27761), (67, 27836), (91, 27929), (98, 27962), (105, 28007), (125, 28097), (131, 28121), (141, 28157), (153, 28214), (156, 28229), (157, 28238), (163, 28265), (164, 28268), (170, 28295), (183, 28358), (187, 28388), (189, 28391), (191, 28394), (207, 28478), (209, 28487), (221, 28556), (227, 28592), (229, 28598), (232, 28610), (254, 28700), (257, 28718), (259, 28727), (266, 28745), (274, 28778),

Gene: Clawz_58 Start: 37249, Stop: 38397, Start Num: 40

Candidate Starts for Clawz_58:

(Start: 40 @37249 has 15 MA's), (51, 37285), (61, 37330), (63, 37336), (98, 37471), (112, 37543), (123, 37600), (125, 37606), (145, 37696), (146, 37702), (154, 37729), (156, 37741), (166, 37792), (172, 37816), (180, 37861), (183, 37870), (186, 37891), (208, 37993), (213, 38032), (232, 38122), (234, 38131), (246, 38182), (251, 38203), (252, 38209), (256, 38230), (257, 38236), (259, 38245), (288, 38383),

Gene: CloverMinnie_28 Start: 26951, Stop: 28000, Start Num: 41

Candidate Starts for CloverMinnie_28:

(Start: 41 @26951 has 61 MA's), (50, 26975), (70, 27065), (78, 27101), (88, 27119), (92, 27143), (102, 27194), (113, 27248), (124, 27302), (131, 27329), (137, 27353), (148, 27404), (156, 27437), (159, 27449), (165, 27485), (175, 27518), (182, 27563), (183, 27566), (187, 27596), (205, 27668), (206, 27674), (207, 27683), (210, 27701), (236, 27833), (241, 27857), (243, 27863), (276, 27980), (282, 27989),

Gene: Cobra_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Cobra_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (67, 27801), (91, 27894), (98, 27927), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Coffee_31 Start: 29031, Stop: 30080, Start Num: 41

Candidate Starts for Coffee_31:

(5, 28554), (6, 28599), (8, 28674), (11, 28770), (14, 28860), (Start: 20 @28920 has 1 MA's), (24, 28950), (25, 28953), (Start: 41 @29031 has 61 MA's), (54, 29079), (64, 29112), (72, 29163), (73,

29166), (92, 29229), (97, 29253), (120, 29376), (128, 29403), (131, 29415), (141, 29451), (149, 29493), (154, 29511), (159, 29535), (163, 29559), (165, 29571), (175, 29604), (180, 29643), (187, 29682), (199, 29730), (209, 29778), (212, 29799), (213, 29811), (220, 29844), (221, 29847), (232, 29901), (238, 29937), (243, 29949), (248, 29964), (249, 29970), (256, 29997), (257, 30003), (258, 30009), (261, 30018),

Gene: Colbert_30 Start: 27728, Stop: 28822, Start Num: 34

Candidate Starts for Colbert_30:

(Start: 30 @27710 has 272 MA's), (Start: 34 @27728 has 8 MA's), (50, 27779), (91, 27947), (105, 28025), (125, 28115), (131, 28139), (141, 28175), (153, 28232), (156, 28247), (157, 28256), (163, 28283), (164, 28286), (170, 28313), (183, 28376), (187, 28406), (191, 28412), (207, 28496), (209, 28505), (221, 28574), (227, 28610), (229, 28616), (232, 28628), (254, 28718), (257, 28736), (259, 28745), (266, 28763), (274, 28796),

Gene: ColdSoup_59 Start: 37457, Stop: 38605, Start Num: 40

Candidate Starts for ColdSoup_59:

(Start: 40 @37457 has 15 MA's), (61, 37538), (63, 37544), (65, 37553), (112, 37751), (123, 37808), (129, 37829), (136, 37859), (137, 37865), (145, 37904), (146, 37910), (154, 37937), (156, 37949), (159, 37961), (166, 38000), (180, 38069), (183, 38078), (186, 38099), (193, 38129), (201, 38168), (211, 38219), (246, 38390), (247, 38393), (251, 38411), (252, 38417), (256, 38438), (257, 38444), (259, 38453),

Gene: Coldpizza_29 Start: 29474, Stop: 30505, Start Num: 41

Candidate Starts for Coldpizza_29:

(Start: 41 @29474 has 61 MA's), (73, 29609), (92, 29669), (99, 29711), (102, 29720), (117, 29795), (131, 29855), (141, 29891), (151, 29942), (153, 29948), (165, 30011), (175, 30044), (182, 30086), (191, 30125), (206, 30197), (209, 30215), (210, 30224), (224, 30299), (225, 30302), (227, 30320), (236, 30356), (241, 30380), (242, 30383), (243, 30386), (276, 30494), (278, 30497),

Gene: Coletti_30 Start: 27692, Stop: 28804, Start Num: 30

Candidate Starts for Coletti_30:

(Start: 30 @27692 has 272 MA's), (Start: 34 @27710 has 8 MA's), (50, 27761), (67, 27836), (91, 27929), (98, 27962), (105, 28007), (125, 28097), (131, 28121), (141, 28157), (153, 28214), (156, 28229), (157, 28238), (163, 28265), (164, 28268), (170, 28295), (183, 28358), (187, 28388), (189, 28391), (191, 28394), (207, 28478), (209, 28487), (221, 28556), (227, 28592), (229, 28598), (232, 28610), (254, 28700), (257, 28718), (259, 28727), (266, 28745), (274, 28778),

Gene: Compostia_31 Start: 28003, Stop: 29046, Start Num: 38

Candidate Starts for Compostia_31:

(Start: 20 @27898 has 1 MA's), (24, 27928), (Start: 38 @28003 has 54 MA's), (54, 28051), (70, 28117), (92, 28201), (97, 28225), (105, 28273), (111, 28294), (151, 28474), (153, 28480), (155, 28492), (170, 28561), (185, 28642), (205, 28729), (207, 28744), (212, 28774), (224, 28837), (237, 28897), (239, 28915), (242, 28921), (243, 28924), (249, 28945), (256, 28975), (257, 28981), (258, 28987), (261, 28996),

Gene: Cooper_27 Start: 27082, Stop: 28158, Start Num: 42

Candidate Starts for Cooper_27:

(Start: 42 @27082 has 29 MA's), (73, 27220), (88, 27259), (92, 27283), (97, 27316), (110, 27379), (125, 27454), (131, 27478), (140, 27511), (153, 27571), (159, 27598), (163, 27622), (164, 27625), (186, 27736), (187, 27745), (191, 27751), (207, 27832), (210, 27850), (215, 27892), (224, 27925), (227, 27946), (232, 27964), (236, 27982), (238, 28000), (243, 28012), (244, 28015), (255, 28060), (257, 28072), (259, 28081),

Gene: Cornbread_29 Start: 27373, Stop: 28485, Start Num: 30

Candidate Starts for Cornbread_29:

(Start: 30 @27373 has 272 MA's), (Start: 34 @27391 has 8 MA's), (50, 27442), (67, 27517), (91, 27610), (98, 27643), (105, 27688), (125, 27778), (131, 27802), (141, 27838), (153, 27895), (156, 27910), (157, 27919), (163, 27946), (164, 27949), (170, 27976), (183, 28039), (191, 28075), (207, 28159), (209, 28168), (221, 28237), (227, 28273), (229, 28279), (232, 28291), (254, 28381), (257, 28399), (259, 28408), (266, 28426), (274, 28459),

Gene: Cornobble_29 Start: 27209, Stop: 28321, Start Num: 30

Candidate Starts for Cornobble_29:

(Start: 30 @27209 has 272 MA's), (Start: 34 @27227 has 8 MA's), (50, 27278), (91, 27446), (105, 27524), (125, 27614), (131, 27638), (141, 27674), (153, 27731), (156, 27746), (157, 27755), (163, 27782), (164, 27785), (170, 27812), (183, 27875), (187, 27905), (191, 27911), (207, 27995), (209, 28004), (221, 28073), (227, 28109), (229, 28115), (232, 28127), (254, 28217), (257, 28235), (259, 28244), (266, 28262), (274, 28295),

Gene: Corofin_30 Start: 27598, Stop: 28641, Start Num: 38

Candidate Starts for Corofin_30:

(Start: 20 @27493 has 1 MA's), (24, 27523), (Start: 38 @27598 has 54 MA's), (54, 27646), (70, 27712), (92, 27796), (97, 27820), (101, 27844), (105, 27868), (111, 27889), (117, 27922), (153, 28075), (155, 28087), (170, 28156), (185, 28237), (205, 28324), (207, 28339), (212, 28369), (224, 28432), (237, 28492), (239, 28510), (242, 28516), (243, 28519), (249, 28540), (256, 28570), (257, 28576), (258, 28582), (261, 28591),

Gene: Cosmolli16_29 Start: 27371, Stop: 28483, Start Num: 30

Candidate Starts for Cosmolli16_29:

(Start: 30 @27371 has 272 MA's), (Start: 34 @27389 has 8 MA's), (50, 27440), (91, 27608), (105, 27686), (125, 27776), (131, 27800), (141, 27836), (153, 27893), (156, 27908), (157, 27917), (163, 27944), (164, 27947), (170, 27974), (183, 28037), (187, 28067), (191, 28073), (207, 28157), (209, 28166), (221, 28235), (227, 28271), (229, 28277), (232, 28289), (254, 28379), (257, 28397), (259, 28406), (266, 28424), (274, 28457),

Gene: Craff_30 Start: 27655, Stop: 28767, Start Num: 30

Candidate Starts for Craff_30:

(Start: 30 @27655 has 272 MA's), (Start: 34 @27673 has 8 MA's), (50, 27724), (91, 27892), (105, 27970), (125, 28060), (131, 28084), (141, 28120), (153, 28177), (156, 28192), (157, 28201), (163, 28228), (164, 28231), (170, 28258), (183, 28321), (187, 28351), (191, 28357), (207, 28441), (209, 28450), (221, 28519), (227, 28555), (229, 28561), (232, 28573), (254, 28663), (257, 28681), (259, 28690), (266, 28708), (274, 28741),

Gene: Crownjwl_30 Start: 27424, Stop: 28536, Start Num: 30

Candidate Starts for Crownjwl_30:

(Start: 30 @27424 has 272 MA's), (Start: 34 @27442 has 8 MA's), (50, 27493), (91, 27661), (105, 27739), (125, 27829), (131, 27853), (141, 27889), (153, 27946), (156, 27961), (157, 27970), (163, 27997), (164, 28000), (170, 28027), (183, 28090), (187, 28120), (191, 28126), (207, 28210), (209, 28219), (221, 28288), (227, 28324), (229, 28330), (232, 28342), (254, 28432), (257, 28450), (259, 28459), (266, 28477), (274, 28510),

Gene: D12_23 Start: 26197, Stop: 27234, Start Num: 41

Candidate Starts for D12_23:

(Start: 41 @26197 has 61 MA's), (49, 26218), (50, 26221), (54, 26245), (64, 26278), (73, 26332), (82, 26350), (86, 26353), (91, 26380), (97, 26410), (128, 26560), (141, 26608), (153, 26665), (154, 26668), (156, 26680), (159, 26692), (165, 26728), (170, 26746), (182, 26806), (183, 26809), (185, 26827),

(187, 26839), (189, 26842), (197, 26878), (198, 26884), (207, 26926), (213, 26968), (225, 27022), (237, 27079), (238, 27094), (245, 27112), (248, 27121), (249, 27127), (250, 27133), (256, 27154), (257, 27160), (261, 27175), (268, 27196), (269, 27199),

Gene: DaddyDaniels_30 Start: 27346, Stop: 28458, Start Num: 30

Candidate Starts for DaddyDaniels_30:

(Start: 30 @27346 has 272 MA's), (Start: 34 @27364 has 8 MA's), (50, 27415), (67, 27490), (91, 27583), (98, 27616), (105, 27661), (125, 27751), (131, 27775), (141, 27811), (153, 27868), (156, 27883), (157, 27892), (163, 27919), (164, 27922), (170, 27949), (183, 28012), (187, 28042), (189, 28045), (191, 28048), (207, 28132), (209, 28141), (221, 28210), (227, 28246), (229, 28252), (232, 28264), (254, 28354), (257, 28372), (259, 28381), (266, 28399), (274, 28432),

Gene: Daffy_30 Start: 27377, Stop: 28489, Start Num: 30

Candidate Starts for Daffy_30:

(Start: 30 @27377 has 272 MA's), (Start: 34 @27395 has 8 MA's), (50, 27446), (91, 27614), (105, 27692), (125, 27782), (131, 27806), (141, 27842), (153, 27899), (156, 27914), (157, 27923), (163, 27950), (164, 27953), (170, 27980), (183, 28043), (187, 28073), (191, 28079), (207, 28163), (209, 28172), (221, 28241), (227, 28277), (229, 28283), (232, 28295), (254, 28385), (257, 28403), (259, 28412), (266, 28430), (274, 28463),

Gene: Daisy_30 Start: 27600, Stop: 28643, Start Num: 38

Candidate Starts for Daisy_30:

(Start: 20 @27495 has 1 MA's), (24, 27525), (Start: 38 @27600 has 54 MA's), (54, 27648), (70, 27714), (92, 27798), (97, 27822), (105, 27870), (111, 27891), (151, 28071), (153, 28077), (155, 28089), (170, 28158), (185, 28239), (205, 28326), (207, 28341), (212, 28371), (224, 28434), (237, 28494), (239, 28512), (242, 28518), (243, 28521), (249, 28542), (256, 28572), (257, 28578), (258, 28584), (261, 28593),

Gene: Daka_30 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for Daka_30:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (67, 27795), (91, 27888), (98, 27921), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163, 28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209, 28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Dati_30 Start: 27371, Stop: 28483, Start Num: 30

Candidate Starts for Dati_30:

(Start: 30 @27371 has 272 MA's), (Start: 34 @27389 has 8 MA's), (50, 27440), (91, 27608), (105, 27686), (125, 27776), (131, 27800), (141, 27836), (153, 27893), (156, 27908), (157, 27917), (163, 27944), (164, 27947), (170, 27974), (183, 28037), (187, 28067), (191, 28073), (207, 28157), (209, 28166), (221, 28235), (227, 28271), (229, 28277), (232, 28289), (254, 28379), (257, 28397), (259, 28406), (266, 28424), (274, 28457),

Gene: Deenasa_30 Start: 28336, Stop: 29379, Start Num: 38

Candidate Starts for Deenasa_30:

(Start: 20 @28231 has 1 MA's), (24, 28261), (Start: 38 @28336 has 54 MA's), (54, 28384), (70, 28450), (92, 28534), (97, 28558), (101, 28582), (105, 28606), (111, 28627), (117, 28660), (153, 28813), (155, 28825), (170, 28894), (185, 28975), (205, 29062), (207, 29077), (212, 29107), (224, 29170), (237, 29230), (239, 29248), (242, 29254), (243, 29257), (249, 29278), (256, 29308), (257, 29314), (258, 29320), (261, 29329),

Gene: DelRivs_29 Start: 27372, Stop: 28484, Start Num: 30

Candidate Starts for DelRivs_29:

(Start: 30 @27372 has 272 MA's), (Start: 34 @27390 has 8 MA's), (50, 27441), (67, 27516), (91, 27609), (98, 27642), (105, 27687), (125, 27777), (131, 27801), (141, 27837), (153, 27894), (156, 27909), (157, 27918), (163, 27945), (164, 27948), (170, 27975), (183, 28038), (191, 28074), (207, 28158), (209, 28167), (221, 28236), (227, 28272), (229, 28278), (232, 28290), (254, 28380), (257, 28398), (259, 28407), (266, 28425), (274, 28458),

Gene: Derpp_29 Start: 27216, Stop: 28328, Start Num: 30

Candidate Starts for Derpp_29:

(Start: 30 @27216 has 272 MA's), (Start: 34 @27234 has 8 MA's), (50, 27285), (67, 27360), (91, 27453), (98, 27486), (105, 27531), (125, 27621), (131, 27645), (141, 27681), (153, 27738), (156, 27753), (157, 27762), (163, 27789), (164, 27792), (170, 27819), (183, 27882), (191, 27918), (207, 28002), (209, 28011), (221, 28080), (227, 28116), (229, 28122), (232, 28134), (254, 28224), (257, 28242), (259, 28251), (266, 28269), (274, 28302),

Gene: Devonte_30 Start: 27564, Stop: 28607, Start Num: 38

Candidate Starts for Devonte_30:

(Start: 20 @27459 has 1 MA's), (24, 27489), (Start: 38 @27564 has 54 MA's), (54, 27612), (70, 27678), (92, 27762), (97, 27786), (101, 27810), (105, 27834), (111, 27855), (117, 27888), (153, 28041), (155, 28053), (170, 28122), (185, 28203), (205, 28290), (207, 28305), (212, 28335), (224, 28398), (237, 28458), (239, 28476), (242, 28482), (243, 28485), (249, 28506), (256, 28536), (257, 28542), (258, 28548), (261, 28557),

Gene: Dice_29 Start: 27351, Stop: 28463, Start Num: 30

Candidate Starts for Dice_29:

(Start: 30 @27351 has 272 MA's), (Start: 34 @27369 has 8 MA's), (50, 27420), (91, 27588), (105, 27666), (125, 27756), (131, 27780), (141, 27816), (153, 27873), (156, 27888), (157, 27897), (163, 27924), (164, 27927), (170, 27954), (183, 28017), (187, 28047), (191, 28053), (207, 28137), (209, 28146), (221, 28215), (227, 28251), (229, 28257), (232, 28269), (254, 28359), (257, 28377), (259, 28386), (266, 28404), (274, 28437),

Gene: DigitDog_29 Start: 27487, Stop: 28572, Start Num: 36

Candidate Starts for DigitDog_29:

(Start: 36 @27487 has 10 MA's), (91, 27694), (92, 27700), (96, 27721), (97, 27724), (99, 27742), (105, 27772), (131, 27886), (153, 27979), (164, 28033), (177, 28081), (185, 28141), (187, 28153), (191, 28159), (192, 28165), (196, 28180), (198, 28198), (215, 28300), (221, 28318), (231, 28369), (238, 28408), (243, 28420), (248, 28435), (257, 28480), (259, 28489),

Gene: Dingo_30 Start: 27634, Stop: 28746, Start Num: 30

Candidate Starts for Dingo_30:

(Start: 30 @27634 has 272 MA's), (Start: 34 @27652 has 8 MA's), (50, 27703), (91, 27871), (105, 27949), (125, 28039), (131, 28063), (141, 28099), (153, 28156), (156, 28171), (157, 28180), (163, 28207), (164, 28210), (170, 28237), (183, 28300), (187, 28330), (191, 28336), (207, 28420), (209, 28429), (221, 28498), (227, 28534), (229, 28540), (232, 28552), (254, 28642), (257, 28660), (259, 28669), (266, 28687), (274, 28720),

Gene: Dione_29 Start: 27356, Stop: 28468, Start Num: 30

Candidate Starts for Dione_29:

(Start: 30 @27356 has 272 MA's), (Start: 34 @27374 has 8 MA's), (50, 27425), (91, 27593), (105, 27671), (125, 27761), (131, 27785), (141, 27821), (153, 27878), (156, 27893), (157, 27902), (163, 27929), (164, 27932), (170, 27959), (183, 28022), (187, 28052), (191, 28058), (207, 28142), (209, 28151), (221, 28220), (227, 28256), (229, 28262), (232, 28274), (254, 28364), (257, 28382), (259, 28391), (266, 28409), (274, 28442),

Gene: DirtJuice_30 Start: 27640, Stop: 28752, Start Num: 30

Candidate Starts for DirtJuice_30:

(Start: 30 @27640 has 272 MA's), (Start: 34 @27658 has 8 MA's), (50, 27709), (91, 27877), (105, 27955), (125, 28045), (131, 28069), (153, 28162), (156, 28177), (157, 28186), (163, 28213), (164, 28216), (170, 28243), (183, 28306), (187, 28336), (191, 28342), (207, 28426), (209, 28435), (221, 28504), (227, 28540), (229, 28546), (232, 28558), (254, 28648), (257, 28666), (259, 28675), (266, 28693), (274, 28726),

Gene: Doddsville_30 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for Doddsville_30:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (67, 27514), (91, 27607), (98, 27640), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (189, 28069), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: DoesntMatter_30 Start: 27636, Stop: 28748, Start Num: 30

Candidate Starts for DoesntMatter_30:

(Start: 30 @27636 has 272 MA's), (Start: 34 @27654 has 8 MA's), (50, 27705), (91, 27873), (105, 27951), (125, 28041), (131, 28065), (141, 28101), (153, 28158), (156, 28173), (157, 28182), (163, 28209), (164, 28212), (170, 28239), (183, 28302), (187, 28332), (191, 28338), (207, 28422), (209, 28431), (221, 28500), (227, 28536), (229, 28542), (232, 28554), (254, 28644), (257, 28662), (259, 28671), (266, 28689), (274, 28722),

Gene: DolOn_31 Start: 27880, Stop: 28992, Start Num: 30

Candidate Starts for DolOn_31:

(Start: 30 @27880 has 272 MA's), (Start: 34 @27898 has 8 MA's), (50, 27949), (91, 28117), (105, 28195), (125, 28285), (131, 28309), (141, 28345), (153, 28402), (156, 28417), (157, 28426), (163, 28453), (164, 28456), (170, 28483), (183, 28546), (187, 28576), (191, 28582), (207, 28666), (209, 28675), (221, 28744), (227, 28780), (229, 28786), (232, 28798), (254, 28888), (257, 28906), (259, 28915), (266, 28933), (274, 28966),

Gene: DonSancho_29 Start: 27350, Stop: 28462, Start Num: 30

Candidate Starts for DonSancho_29:

(Start: 30 @27350 has 272 MA's), (Start: 34 @27368 has 8 MA's), (50, 27419), (91, 27587), (105, 27665), (125, 27755), (131, 27779), (141, 27815), (153, 27872), (156, 27887), (157, 27896), (163, 27923), (164, 27926), (170, 27953), (183, 28016), (187, 28046), (191, 28052), (207, 28136), (209, 28145), (221, 28214), (227, 28250), (229, 28256), (232, 28268), (254, 28358), (257, 28376), (259, 28385), (266, 28403), (274, 28436),

Gene: DonTron_58 Start: 37498, Stop: 38646, Start Num: 40

Candidate Starts for DonTron_58:

(Start: 40 @37498 has 15 MA's), (51, 37534), (61, 37579), (63, 37585), (65, 37594), (112, 37792), (123, 37849), (129, 37870), (136, 37900), (145, 37945), (146, 37951), (154, 37978), (156, 37990), (159, 38002), (166, 38041), (180, 38110), (183, 38119), (186, 38140), (193, 38170), (201, 38209), (211, 38260), (235, 38386), (246, 38431), (251, 38452), (252, 38458), (256, 38479), (257, 38485), (259, 38494),

Gene: Donny_29 Start: 27898, Stop: 28986, Start Num: 36

Candidate Starts for Donny_29:

(Start: 36 @27898 has 10 MA's), (85, 28078), (91, 28108), (92, 28114), (99, 28156), (105, 28186), (131, 28300), (153, 28393), (164, 28447), (177, 28495), (185, 28555), (187, 28567), (191, 28573),

(192, 28579), (197, 28606), (215, 28714), (224, 28747), (243, 28834), (257, 28894), (259, 28903), (260, 28906),

Gene: Dori_26 Start: 24544, Stop: 25590, Start Num: 38

Candidate Starts for Dori_26:

(10, 24271), (Start: 20 @24439 has 1 MA's), (24, 24469), (Start: 38 @24544 has 54 MA's), (Start: 41 @24550 has 61 MA's), (65, 24637), (70, 24664), (72, 24682), (73, 24685), (92, 24748), (105, 24820), (107, 24826), (111, 24841), (153, 25027), (155, 25039), (161, 25066), (182, 25168), (197, 25240), (198, 25246), (207, 25288), (209, 25297), (212, 25318), (221, 25366), (224, 25381), (228, 25405), (234, 25429), (239, 25459), (243, 25468), (248, 25483), (257, 25522), (261, 25537),

Gene: DuchessDung_28 Start: 26507, Stop: 27619, Start Num: 30

Candidate Starts for DuchessDung_28:

(Start: 30 @26507 has 272 MA's), (Start: 34 @26525 has 8 MA's), (50, 26576), (67, 26651), (91, 26744), (98, 26777), (105, 26822), (125, 26912), (131, 26936), (141, 26972), (153, 27029), (156, 27044), (157, 27053), (163, 27080), (164, 27083), (170, 27110), (183, 27173), (191, 27209), (207, 27293), (209, 27302), (221, 27371), (227, 27407), (229, 27413), (232, 27425), (254, 27515), (257, 27533), (259, 27542), (266, 27560), (274, 27593),

Gene: Duggie_29 Start: 27372, Stop: 28484, Start Num: 30

Candidate Starts for Duggie_29:

(Start: 30 @27372 has 272 MA's), (Start: 34 @27390 has 8 MA's), (50, 27441), (67, 27516), (91, 27609), (98, 27642), (105, 27687), (125, 27777), (131, 27801), (141, 27837), (153, 27894), (156, 27909), (157, 27918), (163, 27945), (164, 27948), (170, 27975), (183, 28038), (187, 28068), (189, 28071), (191, 28074), (207, 28158), (209, 28167), (221, 28236), (227, 28272), (229, 28278), (232, 28290), (254, 28380), (257, 28398), (259, 28407), (266, 28425), (274, 28458),

Gene: Durga_30 Start: 27669, Stop: 28781, Start Num: 30

Candidate Starts for Durga_30:

(Start: 30 @27669 has 272 MA's), (Start: 34 @27687 has 8 MA's), (50, 27738), (67, 27813), (91, 27906), (98, 27939), (105, 27984), (125, 28074), (131, 28098), (141, 28134), (153, 28191), (156, 28206), (157, 28215), (163, 28242), (164, 28245), (170, 28272), (183, 28335), (191, 28371), (207, 28455), (209, 28464), (221, 28533), (227, 28569), (229, 28575), (232, 28587), (254, 28677), (257, 28695), (259, 28704), (266, 28722), (274, 28755),

Gene: Eaglehorse_31 Start: 28955, Stop: 30004, Start Num: 41

Candidate Starts for Eaglehorse_31:

(5, 28478), (6, 28523), (8, 28598), (11, 28694), (14, 28784), (Start: 20 @28844 has 1 MA's), (24, 28874), (25, 28877), (Start: 41 @28955 has 61 MA's), (54, 29003), (64, 29036), (72, 29087), (73, 29090), (92, 29153), (97, 29177), (120, 29300), (128, 29327), (131, 29339), (141, 29375), (149, 29417), (154, 29435), (159, 29459), (163, 29483), (165, 29495), (175, 29528), (180, 29567), (187, 29606), (199, 29654), (209, 29702), (212, 29723), (213, 29735), (220, 29768), (221, 29771), (232, 29825), (238, 29861), (243, 29873), (248, 29888), (249, 29894), (256, 29921), (257, 29927), (258, 29933), (261, 29942),

Gene: EastView9101_28 Start: 27548, Stop: 28636, Start Num: 36

Candidate Starts for EastView9101_28:

(Start: 36 @27548 has 10 MA's), (85, 27728), (91, 27758), (92, 27764), (99, 27806), (105, 27836), (131, 27950), (153, 28043), (164, 28097), (177, 28145), (185, 28205), (187, 28217), (191, 28223), (192, 28229), (197, 28256), (215, 28364), (224, 28397), (243, 28484), (257, 28544), (259, 28553), (260, 28556),

Gene: ElvisPhasley_30 Start: 27688, Stop: 28800, Start Num: 30

Candidate Starts for ElvisPhasley_30:

(Start: 30 @27688 has 272 MA's), (Start: 34 @27706 has 8 MA's), (50, 27757), (67, 27832), (91, 27925), (98, 27958), (105, 28003), (125, 28093), (131, 28117), (141, 28153), (153, 28210), (156, 28225), (157, 28234), (163, 28261), (164, 28264), (170, 28291), (183, 28354), (187, 28384), (189, 28387), (191, 28390), (207, 28474), (209, 28483), (221, 28552), (227, 28588), (229, 28594), (232, 28606), (254, 28696), (257, 28714), (259, 28723), (266, 28741), (274, 28774),

Gene: Emiris_30 Start: 27640, Stop: 28752, Start Num: 30

Candidate Starts for Emiris_30:

(Start: 30 @27640 has 272 MA's), (Start: 34 @27658 has 8 MA's), (50, 27709), (67, 27784), (91, 27877), (98, 27910), (105, 27955), (125, 28045), (131, 28069), (141, 28105), (153, 28162), (156, 28177), (157, 28186), (163, 28213), (164, 28216), (170, 28243), (183, 28306), (187, 28336), (191, 28342), (207, 28426), (209, 28435), (221, 28504), (227, 28540), (229, 28546), (232, 28558), (254, 28648), (257, 28666), (259, 28675), (266, 28693), (274, 28726),

Gene: EmpTee_30 Start: 27650, Stop: 28762, Start Num: 30

Candidate Starts for EmpTee_30:

(Start: 30 @27650 has 272 MA's), (Start: 34 @27668 has 8 MA's), (50, 27719), (91, 27887), (105, 27965), (125, 28055), (131, 28079), (141, 28115), (153, 28172), (156, 28187), (157, 28196), (163, 28223), (164, 28226), (170, 28253), (183, 28316), (187, 28346), (191, 28352), (207, 28436), (209, 28445), (221, 28514), (227, 28550), (229, 28556), (232, 28568), (254, 28658), (257, 28676), (259, 28685), (266, 28703), (274, 28736),

Gene: Epah_26 Start: 26868, Stop: 27944, Start Num: 42

Candidate Starts for Epah_26:

(Start: 42 @26868 has 29 MA's), (47, 26877), (88, 27045), (97, 27102), (110, 27165), (117, 27204), (125, 27240), (131, 27264), (141, 27300), (153, 27357), (156, 27372), (159, 27384), (163, 27408), (164, 27411), (175, 27453), (183, 27501), (186, 27522), (187, 27531), (191, 27537), (207, 27618), (210, 27636), (215, 27678), (217, 27687), (224, 27711), (232, 27750), (236, 27768), (238, 27786), (243, 27798), (257, 27858), (259, 27867),

Gene: Eremos_30 Start: 27649, Stop: 28761, Start Num: 30

Candidate Starts for Eremos_30:

(Start: 30 @27649 has 272 MA's), (Start: 34 @27667 has 8 MA's), (50, 27718), (91, 27886), (105, 27964), (125, 28054), (131, 28078), (141, 28114), (153, 28171), (156, 28186), (157, 28195), (163, 28222), (164, 28225), (170, 28252), (183, 28315), (187, 28345), (191, 28351), (207, 28435), (209, 28444), (221, 28513), (227, 28549), (229, 28555), (232, 28567), (254, 28657), (257, 28675), (259, 28684), (266, 28702), (274, 28735),

Gene: Etaye_30 Start: 27639, Stop: 28751, Start Num: 30

Candidate Starts for Etaye_30:

(Start: 30 @27639 has 272 MA's), (Start: 34 @27657 has 8 MA's), (50, 27708), (67, 27783), (91, 27876), (98, 27909), (105, 27954), (125, 28044), (131, 28068), (141, 28104), (153, 28161), (156, 28176), (157, 28185), (163, 28212), (164, 28215), (170, 28242), (183, 28305), (187, 28335), (191, 28341), (207, 28425), (209, 28434), (221, 28503), (227, 28539), (229, 28545), (232, 28557), (254, 28647), (257, 28665), (259, 28674), (266, 28692), (274, 28725),

Gene: Eugenia_30 Start: 27659, Stop: 28771, Start Num: 30

Candidate Starts for Eugenia_30:

(Start: 30 @27659 has 272 MA's), (Start: 34 @27677 has 8 MA's), (50, 27728), (91, 27896), (105, 27974), (125, 28064), (131, 28088), (141, 28124), (153, 28181), (156, 28196), (157, 28205), (163, 28232), (164, 28235), (170, 28262), (183, 28325), (187, 28355), (191, 28361), (207, 28445), (209, 28454), (221, 28523), (227, 28559), (229, 28565), (232, 28577), (254, 28667), (257, 28685), (259,

28694), (266, 28712), (274, 28745),

Gene: Evaa_27 Start: 26530, Stop: 27573, Start Num: 41

Candidate Starts for Evaa_27:

(Start: 41 @26530 has 61 MA's), (65, 26617), (73, 26665), (99, 26767), (116, 26845), (131, 26911), (153, 27004), (163, 27055), (164, 27058), (170, 27085), (179, 27127), (182, 27142), (209, 27271), (221, 27340), (227, 27376), (241, 27436), (243, 27442), (249, 27463), (254, 27484), (276, 27553), (282, 27562),

Gene: Fanaw_26 Start: 27563, Stop: 28639, Start Num: 42

Candidate Starts for Fanaw_26:

(Start: 42 @27563 has 29 MA's), (47, 27572), (73, 27701), (88, 27740), (97, 27797), (110, 27860), (117, 27899), (125, 27935), (131, 27959), (141, 27995), (153, 28052), (156, 28067), (159, 28079), (163, 28103), (164, 28106), (170, 28133), (175, 28148), (183, 28196), (186, 28217), (187, 28226), (191, 28232), (207, 28313), (210, 28331), (215, 28373), (217, 28382), (221, 28391), (224, 28406), (232, 28445), (236, 28463), (238, 28481), (243, 28493), (257, 28553), (259, 28562),

Gene: Fang_30 Start: 27681, Stop: 28775, Start Num: 34

Candidate Starts for Fang_30:

(Start: 30 @27663 has 272 MA's), (Start: 34 @27681 has 8 MA's), (50, 27732), (91, 27900), (105, 27978), (125, 28068), (131, 28092), (141, 28128), (153, 28185), (156, 28200), (157, 28209), (163, 28236), (164, 28239), (170, 28266), (183, 28329), (187, 28359), (191, 28365), (207, 28449), (209, 28458), (221, 28527), (227, 28563), (229, 28569), (232, 28581), (254, 28671), (257, 28689), (259, 28698), (266, 28716), (274, 28749),

Gene: Faze9_31 Start: 29051, Stop: 30100, Start Num: 41

Candidate Starts for Faze9_31:

(5, 28574), (6, 28619), (8, 28694), (11, 28790), (14, 28880), (Start: 20 @28940 has 1 MA's), (24, 28970), (25, 28973), (Start: 41 @29051 has 61 MA's), (54, 29099), (64, 29132), (72, 29183), (73, 29186), (92, 29249), (97, 29273), (120, 29396), (128, 29423), (131, 29435), (141, 29471), (149, 29513), (154, 29531), (159, 29555), (163, 29579), (165, 29591), (175, 29624), (180, 29663), (187, 29702), (199, 29750), (209, 29798), (212, 29819), (213, 29831), (219, 29861), (220, 29864), (221, 29867), (232, 29921), (238, 29957), (243, 29969), (248, 29984), (249, 29990), (256, 30017), (257, 30023), (258, 30029), (261, 30038),

Gene: FelixTres_28 Start: 27014, Stop: 28063, Start Num: 41

Candidate Starts for FelixTres_28:

(Start: 41 @27014 has 61 MA's), (50, 27038), (64, 27095), (70, 27128), (73, 27149), (78, 27164), (88, 27182), (92, 27206), (102, 27257), (113, 27311), (124, 27365), (131, 27392), (137, 27416), (156, 27500), (159, 27512), (165, 27548), (175, 27581), (182, 27626), (183, 27629), (187, 27659), (205, 27731), (206, 27737), (207, 27746), (210, 27764), (236, 27896), (241, 27920), (243, 27926), (276, 28043), (282, 28052),

Gene: Flake_31 Start: 27699, Stop: 28811, Start Num: 30

Candidate Starts for Flake_31:

(Start: 30 @27699 has 272 MA's), (Start: 34 @27717 has 8 MA's), (50, 27768), (67, 27843), (91, 27936), (98, 27969), (105, 28014), (125, 28104), (131, 28128), (141, 28164), (153, 28221), (156, 28236), (157, 28245), (163, 28272), (164, 28275), (170, 28302), (183, 28365), (187, 28395), (189, 28398), (191, 28401), (207, 28485), (209, 28494), (221, 28563), (227, 28599), (229, 28605), (232, 28617), (254, 28707), (257, 28725), (259, 28734), (266, 28752), (274, 28785),

Gene: FleetyMac_29 Start: 27673, Stop: 28767, Start Num: 34

Candidate Starts for FleetyMac_29:

(Start: 30 @27655 has 272 MA's), (Start: 34 @27673 has 8 MA's), (50, 27724), (67, 27799), (91, 27892), (98, 27925), (105, 27970), (125, 28060), (131, 28084), (141, 28120), (153, 28177), (156, 28192), (157, 28201), (163, 28228), (164, 28231), (170, 28258), (183, 28321), (187, 28351), (191, 28357), (207, 28441), (209, 28450), (221, 28519), (227, 28555), (229, 28561), (232, 28573), (254, 28663), (257, 28681), (259, 28690), (266, 28708), (274, 28741),

Gene: FluffyNinja_30 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for FluffyNinja_30:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: ForDig_25 Start: 26470, Stop: 27558, Start Num: 35

Candidate Starts for ForDig_25:

(Start: 34 @26467 has 8 MA's), (Start: 35 @26470 has 2 MA's), (Start: 46 @26497 has 10 MA's), (49, 26515), (92, 26692), (99, 26734), (100, 26737), (131, 26878), (141, 26914), (153, 26971), (163, 27022), (164, 27025), (170, 27052), (175, 27067), (183, 27115), (187, 27145), (191, 27151), (207, 27232), (209, 27241), (224, 27325), (232, 27364), (236, 27382), (249, 27433), (257, 27472), (259, 27481), (271, 27526),

Gene: Fortunato_27 Start: 27891, Stop: 28967, Start Num: 42

Candidate Starts for Fortunato_27:

(Start: 42 @27891 has 29 MA's), (47, 27900), (73, 28029), (88, 28068), (97, 28125), (110, 28188), (117, 28227), (125, 28263), (131, 28287), (141, 28323), (153, 28380), (156, 28395), (159, 28407), (163, 28431), (164, 28434), (175, 28476), (183, 28524), (186, 28545), (187, 28554), (191, 28560), (207, 28641), (210, 28659), (215, 28701), (217, 28710), (224, 28734), (232, 28773), (236, 28791), (238, 28809), (243, 28821), (257, 28881), (259, 28890),

Gene: Fozzie_29 Start: 27665, Stop: 28777, Start Num: 30

Candidate Starts for Fozzie_29:

(Start: 30 @27665 has 272 MA's), (Start: 34 @27683 has 8 MA's), (50, 27734), (67, 27809), (91, 27902), (98, 27935), (105, 27980), (125, 28070), (131, 28094), (141, 28130), (153, 28187), (156, 28202), (157, 28211), (163, 28238), (164, 28241), (170, 28268), (183, 28331), (187, 28361), (189, 28364), (191, 28367), (207, 28451), (209, 28460), (221, 28529), (227, 28565), (229, 28571), (232, 28583), (254, 28673), (257, 28691), (259, 28700), (266, 28718), (274, 28751),

Gene: Frankicide_30 Start: 27668, Stop: 28780, Start Num: 30

Candidate Starts for Frankicide_30:

(Start: 30 @27668 has 272 MA's), (Start: 34 @27686 has 8 MA's), (50, 27737), (67, 27812), (91, 27905), (98, 27938), (105, 27983), (125, 28073), (131, 28097), (141, 28133), (153, 28190), (156, 28205), (157, 28214), (163, 28241), (164, 28244), (170, 28271), (183, 28334), (187, 28364), (191, 28370), (207, 28454), (209, 28463), (221, 28532), (227, 28568), (229, 28574), (232, 28586), (254, 28676), (257, 28694), (259, 28703), (266, 28721), (274, 28754),

Gene: Frederick_27 Start: 27900, Stop: 28976, Start Num: 42

Candidate Starts for Frederick_27:

(Start: 42 @27900 has 29 MA's), (47, 27909), (73, 28038), (88, 28077), (97, 28134), (110, 28197), (117, 28236), (125, 28272), (131, 28296), (141, 28332), (153, 28389), (156, 28404), (159, 28416), (163, 28440), (164, 28443), (175, 28485), (183, 28533), (186, 28554), (187, 28563), (191, 28569), (207, 28650), (210, 28668), (215, 28710), (217, 28719), (224, 28743), (232, 28782), (236, 28800), (238, 28818), (243, 28830), (244, 28833), (257, 28890), (259, 28899),

Gene: FremontTroll_30 Start: 27353, Stop: 28465, Start Num: 30

Candidate Starts for FremontTroll_30:

(Start: 30 @27353 has 272 MA's), (Start: 34 @27371 has 8 MA's), (50, 27422), (85, 27560), (91, 27590), (105, 27668), (125, 27758), (131, 27782), (141, 27818), (153, 27875), (156, 27890), (157, 27899), (163, 27926), (164, 27929), (170, 27956), (183, 28019), (187, 28049), (191, 28055), (207, 28139), (209, 28148), (221, 28217), (227, 28253), (229, 28259), (232, 28271), (254, 28361), (257, 28379), (259, 28388), (266, 28406), (274, 28439),

Gene: FrenchFry_31 Start: 29045, Stop: 30094, Start Num: 41

Candidate Starts for FrenchFry_31:

(5, 28568), (6, 28613), (8, 28688), (11, 28784), (14, 28874), (Start: 20 @28934 has 1 MA's), (24, 28964), (25, 28967), (Start: 41 @29045 has 61 MA's), (54, 29093), (64, 29126), (72, 29177), (73, 29180), (92, 29243), (97, 29267), (120, 29390), (128, 29417), (131, 29429), (141, 29465), (149, 29507), (154, 29525), (159, 29549), (163, 29573), (165, 29585), (175, 29618), (180, 29657), (187, 29696), (199, 29744), (209, 29792), (212, 29813), (213, 29825), (220, 29858), (221, 29861), (232, 29915), (238, 29951), (243, 29963), (248, 29978), (249, 29984), (256, 30011), (257, 30017), (258, 30023), (261, 30032),

Gene: Fresco_26 Start: 25044, Stop: 26081, Start Num: 40

Candidate Starts for Fresco_26:

(Start: 38 @25041 has 54 MA's), (Start: 40 @25044 has 15 MA's), (70, 25158), (87, 25206), (92, 25233), (103, 25287), (128, 25407), (131, 25419), (141, 25455), (156, 25527), (159, 25539), (165, 25575), (167, 25581), (170, 25593), (183, 25656), (207, 25773), (227, 25887), (243, 25953), (248, 25968), (249, 25974), (255, 26001), (266, 26031), (282, 26070),

Gene: Freya_29 Start: 27347, Stop: 28459, Start Num: 30

Candidate Starts for Freya_29:

(Start: 30 @27347 has 272 MA's), (Start: 34 @27365 has 8 MA's), (50, 27416), (91, 27584), (105, 27662), (125, 27752), (131, 27776), (141, 27812), (153, 27869), (156, 27884), (157, 27893), (163, 27920), (164, 27923), (170, 27950), (183, 28013), (187, 28043), (191, 28049), (207, 28133), (209, 28142), (221, 28211), (227, 28247), (229, 28253), (232, 28265), (254, 28355), (257, 28373), (259, 28382), (266, 28400), (274, 28433),

Gene: FriarPreacher_30 Start: 27674, Stop: 28786, Start Num: 30

Candidate Starts for FriarPreacher_30:

(Start: 30 @27674 has 272 MA's), (Start: 34 @27692 has 8 MA's), (50, 27743), (91, 27911), (105, 27989), (125, 28079), (131, 28103), (141, 28139), (153, 28196), (156, 28211), (157, 28220), (163, 28247), (164, 28250), (170, 28277), (183, 28340), (187, 28370), (191, 28376), (207, 28460), (209, 28469), (221, 28538), (227, 28574), (229, 28580), (232, 28592), (254, 28682), (257, 28700), (259, 28709), (266, 28727), (274, 28760),

Gene: Fringe_30 Start: 27638, Stop: 28750, Start Num: 30

Candidate Starts for Fringe_30:

(Start: 30 @27638 has 272 MA's), (Start: 34 @27656 has 8 MA's), (50, 27707), (91, 27875), (105, 27953), (125, 28043), (131, 28067), (141, 28103), (153, 28160), (156, 28175), (157, 28184), (163, 28211), (164, 28214), (170, 28241), (183, 28304), (187, 28334), (191, 28340), (207, 28424), (209, 28433), (221, 28502), (227, 28538), (229, 28544), (232, 28556), (254, 28646), (257, 28664), (259, 28673), (266, 28691), (274, 28724),

Gene: FugateOSU_29 Start: 27352, Stop: 28464, Start Num: 30

Candidate Starts for FugateOSU_29:

(Start: 30 @27352 has 272 MA's), (Start: 34 @27370 has 8 MA's), (50, 27421), (91, 27589), (105, 27667), (125, 27757), (131, 27781), (141, 27817), (153, 27874), (156, 27889), (157, 27898), (163, 27925), (164, 27928), (170, 27955), (183, 28018), (187, 28048), (191, 28054), (207, 28138), (209, 28147), (221, 28216), (227, 28252), (229, 28258), (232, 28270), (254, 28360), (257, 28378), (259, 28387), (266, 28405), (274, 28438),

Gene: Funsized_33 Start: 31480, Stop: 32649, Start Num: 21

Candidate Starts for Funsized_33:

(Start: 21 @31480 has 1 MA's), (27, 31507), (37, 31564), (55, 31630), (59, 31642), (71, 31705), (92, 31774), (96, 31795), (97, 31798), (99, 31816), (102, 31825), (131, 31960), (134, 31969), (146, 32029), (148, 32035), (153, 32053), (159, 32080), (160, 32086), (163, 32104), (164, 32107), (178, 32158), (187, 32227), (191, 32233), (194, 32248), (197, 32266), (206, 32305), (207, 32314), (213, 32356), (227, 32428), (232, 32446), (234, 32455), (236, 32464), (242, 32491), (243, 32494), (255, 32542), (257, 32554), (274, 32614),

Gene: Gadjet_31 Start: 27580, Stop: 28623, Start Num: 38

Candidate Starts for Gadjet_31:

(Start: 20 @27475 has 1 MA's), (24, 27505), (Start: 38 @27580 has 54 MA's), (54, 27628), (70, 27694), (92, 27778), (97, 27802), (101, 27826), (105, 27850), (111, 27871), (117, 27904), (153, 28057), (155, 28069), (170, 28138), (185, 28219), (205, 28306), (207, 28321), (212, 28351), (224, 28414), (237, 28474), (239, 28492), (242, 28498), (243, 28501), (249, 28522), (256, 28552), (257, 28558), (258, 28564), (261, 28573),

Gene: Gareth_29 Start: 27354, Stop: 28466, Start Num: 30

Candidate Starts for Gareth_29:

(Start: 30 @27354 has 272 MA's), (Start: 34 @27372 has 8 MA's), (50, 27423), (91, 27591), (105, 27669), (125, 27759), (131, 27783), (141, 27819), (153, 27876), (156, 27891), (157, 27900), (163, 27927), (164, 27930), (170, 27957), (183, 28020), (187, 28050), (191, 28056), (207, 28140), (209, 28149), (221, 28218), (227, 28254), (229, 28260), (232, 28272), (254, 28362), (257, 28380), (259, 28389), (266, 28407), (274, 28440),

Gene: GeneCoco_30 Start: 27664, Stop: 28776, Start Num: 30

Candidate Starts for GeneCoco_30:

(Start: 30 @27664 has 272 MA's), (Start: 34 @27682 has 8 MA's), (50, 27733), (67, 27808), (91, 27901), (98, 27934), (105, 27979), (125, 28069), (131, 28093), (141, 28129), (153, 28186), (156, 28201), (157, 28210), (163, 28237), (164, 28240), (170, 28267), (183, 28330), (191, 28366), (207, 28450), (209, 28459), (221, 28528), (227, 28564), (229, 28570), (232, 28582), (254, 28672), (257, 28690), (259, 28699), (266, 28717), (274, 28750),

Gene: Gervas_30 Start: 27554, Stop: 28597, Start Num: 38

Candidate Starts for Gervas_30:

(Start: 20 @27449 has 1 MA's), (24, 27479), (Start: 38 @27554 has 54 MA's), (54, 27602), (70, 27668), (92, 27752), (97, 27776), (101, 27800), (105, 27824), (111, 27845), (153, 28031), (155, 28043), (170, 28112), (185, 28193), (205, 28280), (207, 28295), (212, 28325), (224, 28388), (237, 28448), (239, 28466), (242, 28472), (243, 28475), (249, 28496), (256, 28526), (257, 28532), (258, 28538), (261, 28547),

Gene: GinPorsche_26 Start: 26868, Stop: 27944, Start Num: 42

Candidate Starts for GinPorsche_26:

(Start: 42 @26868 has 29 MA's), (47, 26877), (88, 27045), (97, 27102), (110, 27165), (117, 27204), (125, 27240), (131, 27264), (141, 27300), (153, 27357), (156, 27372), (159, 27384), (163, 27408), (164, 27411), (175, 27453), (183, 27501), (186, 27522), (187, 27531), (191, 27537), (207, 27618), (210, 27636), (215, 27678), (217, 27687), (224, 27711), (232, 27750), (236, 27768), (238, 27786),

(243, 27798), (257, 27858), (259, 27867),

Gene: Giraffe_30 Start: 27358, Stop: 28470, Start Num: 30

Candidate Starts for Giraffe_30:

(Start: 30 @27358 has 272 MA's), (Start: 34 @27376 has 8 MA's), (50, 27427), (91, 27595), (105, 27673), (125, 27763), (131, 27787), (141, 27823), (153, 27880), (156, 27895), (157, 27904), (163, 27931), (164, 27934), (170, 27961), (183, 28024), (187, 28054), (191, 28060), (207, 28144), (209, 28153), (221, 28222), (227, 28258), (229, 28264), (232, 28276), (254, 28366), (257, 28384), (259, 28393), (266, 28411), (274, 28444),

Gene: Glass_31 Start: 29045, Stop: 30094, Start Num: 41

Candidate Starts for Glass_31:

(5, 28568), (6, 28613), (8, 28688), (11, 28784), (14, 28874), (Start: 20 @28934 has 1 MA's), (24, 28964), (25, 28967), (Start: 41 @29045 has 61 MA's), (54, 29093), (64, 29126), (72, 29177), (73, 29180), (92, 29243), (97, 29267), (120, 29390), (128, 29417), (131, 29429), (141, 29465), (149, 29507), (154, 29525), (159, 29549), (163, 29573), (165, 29585), (175, 29618), (180, 29657), (187, 29696), (199, 29744), (209, 29792), (212, 29813), (213, 29825), (220, 29858), (221, 29861), (232, 29915), (238, 29951), (243, 29963), (248, 29978), (249, 29984), (256, 30011), (257, 30017), (258, 30023), (261, 30032),

Gene: GlenHope_31 Start: 27566, Stop: 28609, Start Num: 38

Candidate Starts for GlenHope_31:

(Start: 20 @27461 has 1 MA's), (24, 27491), (Start: 38 @27566 has 54 MA's), (54, 27614), (70, 27680), (92, 27764), (97, 27788), (105, 27836), (111, 27857), (151, 28037), (153, 28043), (155, 28055), (170, 28124), (185, 28205), (205, 28292), (207, 28307), (212, 28337), (224, 28400), (237, 28460), (239, 28478), (242, 28484), (243, 28487), (249, 28508), (256, 28538), (257, 28544), (258, 28550), (261, 28559),

Gene: Glubnar_31 Start: 27566, Stop: 28609, Start Num: 38

Candidate Starts for Glubnar_31:

(Start: 20 @27461 has 1 MA's), (24, 27491), (Start: 38 @27566 has 54 MA's), (54, 27614), (70, 27680), (92, 27764), (97, 27788), (105, 27836), (111, 27857), (153, 28043), (155, 28055), (170, 28124), (185, 28205), (205, 28292), (207, 28307), (212, 28337), (224, 28400), (237, 28460), (239, 28478), (242, 28484), (243, 28487), (249, 28508), (256, 28538), (257, 28544), (258, 28550), (261, 28559),

Gene: GodPhather_24 Start: 26459, Stop: 27496, Start Num: 41

Candidate Starts for GodPhather_24:

(Start: 41 @26459 has 61 MA's), (49, 26480), (50, 26483), (54, 26507), (64, 26540), (82, 26612), (86, 26615), (91, 26642), (92, 26648), (97, 26672), (117, 26774), (128, 26822), (141, 26870), (149, 26912), (153, 26927), (154, 26930), (156, 26942), (159, 26954), (165, 26990), (183, 27071), (185, 27089), (187, 27101), (189, 27104), (198, 27146), (207, 27188), (212, 27218), (213, 27230), (225, 27284), (237, 27341), (238, 27356), (245, 27374), (248, 27383), (249, 27389), (250, 27395), (256, 27416), (257, 27422), (261, 27437), (275, 27485),

Gene: Godines_31 Start: 28925, Stop: 29974, Start Num: 41

Candidate Starts for Godines_31:

(5, 28448), (6, 28493), (8, 28568), (11, 28664), (14, 28754), (Start: 20 @28814 has 1 MA's), (24, 28844), (25, 28847), (Start: 41 @28925 has 61 MA's), (54, 28973), (64, 29006), (72, 29057), (73, 29060), (79, 29078), (92, 29123), (97, 29147), (120, 29270), (128, 29297), (131, 29309), (141, 29345), (149, 29387), (154, 29405), (159, 29429), (163, 29453), (165, 29465), (175, 29498), (180, 29537), (187, 29576), (199, 29624), (209, 29672), (212, 29693), (213, 29705), (220, 29738), (221, 29741), (232, 29795), (238, 29831), (243, 29843), (248, 29858), (249, 29864), (256, 29891), (257, 29897), (258, 29903), (261, 29912),

Gene: Gophee_30 Start: 27640, Stop: 28752, Start Num: 30

Candidate Starts for Gophee_30:

(Start: 30 @27640 has 272 MA's), (Start: 34 @27658 has 8 MA's), (50, 27709), (91, 27877), (105, 27955), (125, 28045), (131, 28069), (141, 28105), (153, 28162), (156, 28177), (157, 28186), (163, 28213), (164, 28216), (170, 28243), (183, 28306), (187, 28336), (191, 28342), (207, 28426), (209, 28435), (221, 28504), (227, 28540), (229, 28546), (232, 28558), (254, 28648), (257, 28666), (259, 28675), (266, 28693), (274, 28726),

Gene: Grand2040_29 Start: 27373, Stop: 28485, Start Num: 30

Candidate Starts for Grand2040_29:

(Start: 30 @27373 has 272 MA's), (Start: 34 @27391 has 8 MA's), (50, 27442), (91, 27610), (105, 27688), (125, 27778), (131, 27802), (141, 27838), (153, 27895), (156, 27910), (157, 27919), (163, 27946), (164, 27949), (170, 27976), (183, 28039), (187, 28069), (191, 28075), (207, 28159), (209, 28168), (221, 28237), (227, 28273), (229, 28279), (232, 28291), (254, 28381), (257, 28399), (259, 28408), (266, 28426), (274, 28459),

Gene: Grumio_58 Start: 36939, Stop: 38087, Start Num: 40

Candidate Starts for Grumio_58:

(Start: 40 @36939 has 15 MA's), (51, 36975), (61, 37020), (63, 37026), (65, 37035), (112, 37233), (123, 37290), (129, 37311), (136, 37341), (145, 37386), (146, 37392), (154, 37419), (156, 37431), (159, 37443), (166, 37482), (180, 37551), (183, 37560), (186, 37581), (193, 37611), (211, 37701), (246, 37872), (251, 37893), (252, 37899), (256, 37920), (257, 37926), (259, 37935),

Gene: Gwennie1_30 Start: 27719, Stop: 28831, Start Num: 30

Candidate Starts for Gwennie1_30:

(Start: 30 @27719 has 272 MA's), (Start: 34 @27737 has 8 MA's), (50, 27788), (67, 27863), (91, 27956), (98, 27989), (105, 28034), (125, 28124), (131, 28148), (141, 28184), (153, 28241), (156, 28256), (157, 28265), (163, 28292), (164, 28295), (170, 28322), (183, 28385), (187, 28415), (189, 28418), (191, 28421), (207, 28505), (209, 28514), (221, 28583), (227, 28619), (229, 28625), (232, 28637), (254, 28727), (257, 28745), (259, 28754), (266, 28772), (274, 28805),

Gene: Gwilliam_30 Start: 27652, Stop: 28764, Start Num: 30

Candidate Starts for Gwilliam_30:

(Start: 30 @27652 has 272 MA's), (Start: 34 @27670 has 8 MA's), (50, 27721), (91, 27889), (105, 27967), (125, 28057), (131, 28081), (141, 28117), (153, 28174), (156, 28189), (157, 28198), (163, 28225), (164, 28228), (170, 28255), (183, 28318), (187, 28348), (191, 28354), (207, 28438), (209, 28447), (221, 28516), (227, 28552), (229, 28558), (232, 28570), (254, 28660), (257, 28678), (259, 28687), (266, 28705), (274, 28738),

Gene: Gyarad_0030 Start: 27654, Stop: 28766, Start Num: 30

Candidate Starts for Gyarad_0030:

(Start: 30 @27654 has 272 MA's), (Start: 34 @27672 has 8 MA's), (50, 27723), (91, 27891), (105, 27969), (125, 28059), (131, 28083), (141, 28119), (153, 28176), (156, 28191), (157, 28200), (163, 28227), (164, 28230), (170, 28257), (183, 28320), (187, 28350), (191, 28356), (207, 28440), (209, 28449), (221, 28518), (227, 28554), (229, 28560), (232, 28572), (254, 28662), (257, 28680), (259, 28689), (266, 28707), (274, 28740),

Gene: HSavage_30 Start: 27659, Stop: 28771, Start Num: 30

Candidate Starts for HSavage_30:

(Start: 30 @27659 has 272 MA's), (Start: 34 @27677 has 8 MA's), (50, 27728), (91, 27896), (105, 27974), (125, 28064), (131, 28088), (141, 28124), (153, 28181), (156, 28196), (157, 28205), (163, 28232), (164, 28235), (170, 28262), (183, 28325), (187, 28355), (191, 28361), (207, 28445), (209,

28454), (221, 28523), (227, 28559), (229, 28565), (232, 28577), (254, 28667), (257, 28685), (259, 28694), (266, 28712), (274, 28745),

Gene: Haimas_30 Start: 27650, Stop: 28762, Start Num: 30

Candidate Starts for Haimas_30:

(Start: 30 @27650 has 272 MA's), (Start: 34 @27668 has 8 MA's), (50, 27719), (91, 27887), (98, 27920), (105, 27965), (125, 28055), (131, 28079), (141, 28115), (153, 28172), (156, 28187), (157, 28196), (163, 28223), (164, 28226), (170, 28253), (183, 28316), (187, 28346), (191, 28352), (207, 28436), (209, 28445), (221, 28514), (227, 28550), (229, 28556), (232, 28568), (254, 28658), (257, 28676), (259, 28685), (266, 28703), (274, 28736),

Gene: Haleema_29 Start: 27373, Stop: 28485, Start Num: 30

Candidate Starts for Haleema_29:

(Start: 30 @27373 has 272 MA's), (Start: 34 @27391 has 8 MA's), (50, 27442), (91, 27610), (105, 27688), (125, 27778), (131, 27802), (141, 27838), (153, 27895), (156, 27910), (157, 27919), (163, 27946), (164, 27949), (170, 27976), (183, 28039), (187, 28069), (191, 28075), (207, 28159), (209, 28168), (221, 28237), (227, 28273), (229, 28279), (232, 28291), (254, 28381), (257, 28399), (259, 28408), (266, 28426), (274, 28459),

Gene: Halfpint_29 Start: 27389, Stop: 28432, Start Num: 38

Candidate Starts for Halfpint_29:

(Start: 20 @27284 has 1 MA's), (24, 27314), (Start: 38 @27389 has 54 MA's), (54, 27437), (70, 27503), (92, 27587), (97, 27611), (105, 27659), (111, 27680), (151, 27860), (153, 27866), (155, 27878), (170, 27947), (185, 28028), (205, 28115), (207, 28130), (212, 28160), (224, 28223), (237, 28283), (239, 28301), (242, 28307), (243, 28310), (249, 28331), (256, 28361), (257, 28367), (258, 28373), (261, 28382),

Gene: Hally898_26 Start: 26880, Stop: 27956, Start Num: 42

Candidate Starts for Hally898_26:

(Start: 42 @26880 has 29 MA's), (47, 26889), (88, 27057), (97, 27114), (110, 27177), (117, 27216), (125, 27252), (131, 27276), (141, 27312), (153, 27369), (156, 27384), (159, 27396), (163, 27420), (164, 27423), (175, 27465), (183, 27513), (186, 27534), (187, 27543), (191, 27549), (207, 27630), (210, 27648), (215, 27690), (217, 27699), (224, 27723), (232, 27762), (236, 27780), (238, 27798), (243, 27810), (257, 27870), (259, 27879),

Gene: Hamish_30 Start: 27642, Stop: 28754, Start Num: 30

Candidate Starts for Hamish_30:

(Start: 30 @27642 has 272 MA's), (Start: 34 @27660 has 8 MA's), (50, 27711), (91, 27879), (98, 27912), (105, 27957), (125, 28047), (131, 28071), (141, 28107), (153, 28164), (156, 28179), (157, 28188), (163, 28215), (164, 28218), (170, 28245), (183, 28308), (187, 28338), (191, 28344), (207, 28428), (209, 28437), (221, 28506), (227, 28542), (229, 28548), (232, 28560), (254, 28650), (257, 28668), (259, 28677), (266, 28695), (274, 28728),

Gene: Hangman_27 Start: 27892, Stop: 28968, Start Num: 42

Candidate Starts for Hangman_27:

(Start: 42 @27892 has 29 MA's), (47, 27901), (88, 28069), (97, 28126), (110, 28189), (117, 28228), (125, 28264), (131, 28288), (141, 28324), (153, 28381), (156, 28396), (159, 28408), (163, 28432), (164, 28435), (175, 28477), (183, 28525), (186, 28546), (187, 28555), (191, 28561), (207, 28642), (210, 28660), (215, 28702), (217, 28711), (224, 28735), (232, 28774), (236, 28792), (238, 28810), (243, 28822), (244, 28825), (257, 28882), (259, 28891),

Gene: Happabalu_30 Start: 27371, Stop: 28483, Start Num: 30

Candidate Starts for Happabalu_30:

(Start: 30 @27371 has 272 MA's), (Start: 34 @27389 has 8 MA's), (50, 27440), (91, 27608), (105, 27686), (125, 27776), (131, 27800), (141, 27836), (153, 27893), (156, 27908), (157, 27917), (163, 27944), (164, 27947), (170, 27974), (183, 28037), (187, 28067), (191, 28073), (207, 28157), (209, 28166), (221, 28235), (227, 28271), (229, 28277), (232, 28289), (254, 28379), (257, 28397), (259, 28406), (266, 28424), (274, 28457),

Gene: Hartsy_30 Start: 27693, Stop: 28805, Start Num: 30

Candidate Starts for Hartsy_30:

(Start: 30 @27693 has 272 MA's), (Start: 34 @27711 has 8 MA's), (50, 27762), (67, 27837), (91, 27930), (98, 27963), (105, 28008), (125, 28098), (131, 28122), (141, 28158), (153, 28215), (156, 28230), (157, 28239), (163, 28266), (164, 28269), (170, 28296), (183, 28359), (191, 28395), (207, 28479), (209, 28488), (221, 28557), (227, 28593), (229, 28599), (232, 28611), (254, 28701), (257, 28719), (259, 28728), (266, 28746), (274, 28779),

Gene: Harvey_30 Start: 27668, Stop: 28780, Start Num: 30

Candidate Starts for Harvey_30:

(Start: 30 @27668 has 272 MA's), (Start: 34 @27686 has 8 MA's), (50, 27737), (91, 27905), (105, 27983), (125, 28073), (131, 28097), (141, 28133), (153, 28190), (156, 28205), (157, 28214), (163, 28241), (164, 28244), (170, 28271), (183, 28334), (187, 28364), (191, 28370), (207, 28454), (209, 28463), (221, 28532), (227, 28568), (229, 28574), (232, 28586), (254, 28676), (257, 28694), (259, 28703), (266, 28721), (274, 28754),

Gene: HarveySr_30 Start: 27553, Stop: 28596, Start Num: 38

Candidate Starts for HarveySr_30:

(Start: 20 @27448 has 1 MA's), (24, 27478), (Start: 38 @27553 has 54 MA's), (54, 27601), (70, 27667), (92, 27751), (97, 27775), (101, 27799), (105, 27823), (111, 27844), (151, 28024), (153, 28030), (155, 28042), (170, 28111), (185, 28192), (205, 28279), (207, 28294), (212, 28324), (224, 28387), (237, 28447), (239, 28465), (242, 28471), (243, 28474), (249, 28495), (256, 28525), (257, 28531), (258, 28537), (261, 28546),

Gene: Hashim76_33 Start: 27712, Stop: 28776, Start Num: 43

Candidate Starts for Hashim76_33:

(Start: 43 @27712 has 3 MA's), (54, 27763), (72, 27847), (125, 28078), (131, 28102), (139, 28132), (148, 28177), (153, 28195), (159, 28222), (187, 28369), (191, 28375), (207, 28456), (209, 28465), (210, 28474), (232, 28588), (236, 28606), (255, 28684), (257, 28696), (272, 28747), (274, 28750),

Gene: Heath_26 Start: 27493, Stop: 28569, Start Num: 42

Candidate Starts for Heath_26:

(Start: 42 @27493 has 29 MA's), (47, 27502), (73, 27631), (88, 27670), (97, 27727), (110, 27790), (117, 27829), (125, 27865), (131, 27889), (141, 27925), (153, 27982), (156, 27997), (159, 28009), (163, 28033), (164, 28036), (175, 28078), (183, 28126), (186, 28147), (187, 28156), (191, 28162), (207, 28243), (210, 28261), (215, 28303), (217, 28312), (224, 28336), (232, 28375), (236, 28393), (238, 28411), (243, 28423), (244, 28426), (257, 28483), (259, 28492),

Gene: Heathcliff_30 Start: 27535, Stop: 28578, Start Num: 38

Candidate Starts for Heathcliff_30:

(Start: 20 @27430 has 1 MA's), (24, 27460), (Start: 38 @27535 has 54 MA's), (54, 27583), (70, 27649), (92, 27733), (97, 27757), (101, 27781), (105, 27805), (111, 27826), (117, 27859), (153, 28012), (155, 28024), (170, 28093), (185, 28174), (205, 28261), (207, 28276), (212, 28306), (224, 28369), (237, 28429), (239, 28447), (242, 28453), (243, 28456), (249, 28477), (256, 28507), (257, 28513), (258, 28519), (261, 28528),

Gene: Hedgerow_31 Start: 29027, Stop: 30076, Start Num: 41

Candidate Starts for Hedgerow_31:

(5, 28550), (6, 28595), (8, 28670), (11, 28766), (14, 28856), (Start: 20 @28916 has 1 MA's), (24, 28946), (25, 28949), (Start: 41 @29027 has 61 MA's), (54, 29075), (64, 29108), (72, 29159), (73, 29162), (92, 29225), (97, 29249), (120, 29372), (128, 29399), (131, 29411), (141, 29447), (149, 29489), (154, 29507), (159, 29531), (163, 29555), (165, 29567), (175, 29600), (180, 29639), (187, 29678), (199, 29726), (209, 29774), (212, 29795), (213, 29807), (220, 29840), (221, 29843), (232, 29897), (238, 29933), (243, 29945), (248, 29960), (249, 29966), (256, 29993), (257, 29999), (258, 30005), (261, 30014),

Gene: Held_30 Start: 27357, Stop: 28469, Start Num: 30

Candidate Starts for Held_30:

(Start: 30 @27357 has 272 MA's), (Start: 34 @27375 has 8 MA's), (50, 27426), (91, 27594), (105, 27672), (125, 27762), (131, 27786), (141, 27822), (153, 27879), (156, 27894), (157, 27903), (163, 27930), (164, 27933), (170, 27960), (183, 28023), (187, 28053), (191, 28059), (207, 28143), (209, 28152), (221, 28221), (227, 28257), (229, 28263), (232, 28275), (254, 28365), (257, 28383), (259, 28392), (266, 28410), (274, 28443),

Gene: HenryJackson_29 Start: 27373, Stop: 28485, Start Num: 30

Candidate Starts for HenryJackson_29:

(Start: 30 @27373 has 272 MA's), (Start: 34 @27391 has 8 MA's), (50, 27442), (91, 27610), (105, 27688), (125, 27778), (131, 27802), (141, 27838), (153, 27895), (156, 27910), (157, 27919), (163, 27946), (164, 27949), (170, 27976), (183, 28039), (187, 28069), (191, 28075), (207, 28159), (209, 28168), (221, 28237), (227, 28273), (229, 28279), (232, 28291), (254, 28381), (257, 28399), (259, 28408), (266, 28426), (274, 28459),

Gene: Hertubise_30 Start: 27664, Stop: 28776, Start Num: 30

Candidate Starts for Hertubise_30:

(Start: 30 @27664 has 272 MA's), (Start: 34 @27682 has 8 MA's), (50, 27733), (91, 27901), (105, 27979), (125, 28069), (131, 28093), (141, 28129), (153, 28186), (156, 28201), (157, 28210), (163, 28237), (164, 28240), (170, 28267), (183, 28330), (187, 28360), (191, 28366), (207, 28450), (209, 28459), (221, 28528), (227, 28564), (229, 28570), (232, 28582), (254, 28672), (257, 28690), (259, 28699), (266, 28717), (274, 28750),

Gene: Hetaeria_30 Start: 27666, Stop: 28778, Start Num: 30

Candidate Starts for Hetaeria_30:

(Start: 30 @27666 has 272 MA's), (Start: 34 @27684 has 8 MA's), (50, 27735), (91, 27903), (105, 27981), (125, 28071), (131, 28095), (141, 28131), (153, 28188), (156, 28203), (157, 28212), (163, 28239), (164, 28242), (170, 28269), (183, 28332), (187, 28362), (191, 28368), (207, 28452), (209, 28461), (221, 28530), (227, 28566), (229, 28572), (232, 28584), (254, 28674), (257, 28692), (259, 28701), (266, 28719), (274, 28752),

Gene: HighStump_29 Start: 27356, Stop: 28468, Start Num: 30

Candidate Starts for HighStump_29:

(Start: 30 @27356 has 272 MA's), (Start: 34 @27374 has 8 MA's), (50, 27425), (91, 27593), (105, 27671), (125, 27761), (131, 27785), (141, 27821), (153, 27878), (156, 27893), (157, 27902), (163, 27929), (164, 27932), (170, 27959), (183, 28022), (187, 28052), (191, 28058), (207, 28142), (209, 28151), (221, 28220), (227, 28256), (229, 28262), (232, 28274), (254, 28364), (257, 28382), (259, 28391), (266, 28409), (274, 28442),

Gene: Hocus_29 Start: 27365, Stop: 28477, Start Num: 30

Candidate Starts for Hocus_29:

(Start: 30 @27365 has 272 MA's), (Start: 34 @27383 has 8 MA's), (50, 27434), (67, 27509), (91, 27602), (98, 27635), (105, 27680), (125, 27770), (131, 27794), (141, 27830), (153, 27887), (156,

27902), (157, 27911), (163, 27938), (164, 27941), (170, 27968), (183, 28031), (191, 28067), (207, 28151), (209, 28160), (221, 28229), (227, 28265), (229, 28271), (232, 28283), (254, 28373), (257, 28391), (259, 28400), (266, 28418), (274, 28451),

Gene: HogWash_29 Start: 27659, Stop: 28771, Start Num: 30

Candidate Starts for HogWash_29:

(Start: 30 @27659 has 272 MA's), (Start: 34 @27677 has 8 MA's), (50, 27728), (67, 27803), (91, 27896), (98, 27929), (105, 27974), (125, 28064), (131, 28088), (141, 28124), (153, 28181), (156, 28196), (157, 28205), (163, 28232), (164, 28235), (170, 28262), (183, 28325), (187, 28355), (191, 28361), (207, 28445), (209, 28454), (221, 28523), (227, 28559), (229, 28565), (232, 28577), (254, 28667), (257, 28685), (259, 28694), (266, 28712), (274, 28745),

Gene: Holeinone_31 Start: 28907, Stop: 29956, Start Num: 41

Candidate Starts for Holeinone_31:

(11, 28646), (14, 28736), (Start: 20 @28796 has 1 MA's), (24, 28826), (25, 28829), (Start: 41 @28907 has 61 MA's), (54, 28955), (64, 28988), (72, 29039), (73, 29042), (92, 29105), (97, 29129), (120, 29252), (128, 29279), (131, 29291), (141, 29327), (149, 29369), (154, 29387), (159, 29411), (163, 29435), (165, 29447), (175, 29480), (180, 29519), (187, 29558), (199, 29606), (209, 29654), (212, 29675), (213, 29687), (220, 29720), (221, 29723), (232, 29777), (238, 29813), (243, 29825), (248, 29840), (249, 29846), (256, 29873), (257, 29879), (258, 29885), (261, 29894),

Gene: Horchata_30 Start: 27644, Stop: 28756, Start Num: 30

Candidate Starts for Horchata_30:

(Start: 30 @27644 has 272 MA's), (Start: 34 @27662 has 8 MA's), (50, 27713), (91, 27881), (105, 27959), (125, 28049), (131, 28073), (141, 28109), (153, 28166), (156, 28181), (157, 28190), (163, 28217), (164, 28220), (170, 28247), (183, 28310), (187, 28340), (191, 28346), (207, 28430), (209, 28439), (221, 28508), (227, 28544), (229, 28550), (232, 28562), (254, 28652), (257, 28670), (259, 28679), (266, 28697), (274, 28730),

Gene: Hosp_023 Start: 24683, Stop: 25771, Start Num: 35

Candidate Starts for Hosp_023:

(Start: 34 @24680 has 8 MA's), (Start: 35 @24683 has 2 MA's), (Start: 46 @24710 has 10 MA's), (49, 24728), (92, 24905), (99, 24947), (100, 24950), (131, 25091), (141, 25127), (153, 25184), (163, 25235), (170, 25265), (175, 25280), (183, 25328), (187, 25358), (191, 25364), (207, 25445), (209, 25454), (213, 25487), (224, 25538), (232, 25577), (236, 25595), (249, 25646), (257, 25685), (259, 25694), (271, 25739),

Gene: Hydro_27 Start: 27909, Stop: 28985, Start Num: 42

Candidate Starts for Hydro_27:

(Start: 42 @27909 has 29 MA's), (47, 27918), (88, 28086), (97, 28143), (110, 28206), (117, 28245), (125, 28281), (131, 28305), (141, 28341), (153, 28398), (156, 28413), (159, 28425), (163, 28449), (164, 28452), (175, 28494), (183, 28542), (187, 28572), (191, 28578), (207, 28659), (210, 28677), (215, 28719), (217, 28728), (224, 28752), (232, 28791), (236, 28809), (238, 28827), (243, 28839), (244, 28842), (257, 28899), (259, 28908),

Gene: ImtiyazSitla_29 Start: 27206, Stop: 28318, Start Num: 30

Candidate Starts for ImtiyazSitla_29:

(Start: 30 @27206 has 272 MA's), (Start: 34 @27224 has 8 MA's), (50, 27275), (67, 27350), (91, 27443), (98, 27476), (105, 27521), (125, 27611), (131, 27635), (141, 27671), (153, 27728), (156, 27743), (157, 27752), (163, 27779), (164, 27782), (170, 27809), (183, 27872), (191, 27908), (207, 27992), (209, 28001), (221, 28070), (227, 28106), (229, 28112), (232, 28124), (254, 28214), (257, 28232), (259, 28241), (266, 28259), (274, 28292),

Gene: Imvubu_23 Start: 25395, Stop: 26462, Start Num: 42

Candidate Starts for Imvubu_23:

(Start: 42 @25395 has 29 MA's), (47, 25404), (54, 25446), (72, 25530), (88, 25572), (92, 25596), (97, 25620), (131, 25782), (153, 25875), (154, 25878), (159, 25902), (164, 25929), (183, 26019), (187, 26049), (189, 26052), (191, 26055), (194, 26070), (197, 26088), (206, 26127), (207, 26136), (215, 26196), (224, 26229), (227, 26250), (232, 26268), (243, 26316), (248, 26331), (249, 26337), (255, 26364), (257, 26376), (273, 26427), (283, 26442),

Gene: Inchworm_30 Start: 27642, Stop: 28754, Start Num: 30

Candidate Starts for Inchworm_30:

(Start: 30 @27642 has 272 MA's), (Start: 34 @27660 has 8 MA's), (50, 27711), (91, 27879), (105, 27957), (125, 28047), (131, 28071), (141, 28107), (153, 28164), (156, 28179), (157, 28188), (163, 28215), (164, 28218), (170, 28245), (183, 28308), (187, 28338), (191, 28344), (207, 28428), (209, 28437), (221, 28506), (227, 28542), (229, 28548), (232, 28560), (254, 28650), (257, 28668), (259, 28677), (266, 28695), (274, 28728),

Gene: Indlovu_27 Start: 27667, Stop: 28758, Start Num: 42

Candidate Starts for Indlovu_27:

(17, 27523), (24, 27586), (Start: 42 @27667 has 29 MA's), (47, 27676), (54, 27718), (56, 27724), (77, 27817), (94, 27880), (99, 27910), (100, 27913), (141, 28090), (148, 28129), (153, 28147), (154, 28150), (159, 28174), (164, 28201), (165, 28210), (175, 28243), (180, 28282), (187, 28321), (191, 28327), (209, 28417), (221, 28486), (227, 28522), (232, 28540), (243, 28588), (248, 28603), (249, 28609), (256, 28642), (257, 28648), (277, 28723), (279, 28726),

Gene: Inverness_30 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for Inverness_30:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: Iridessa_30 Start: 27355, Stop: 28467, Start Num: 30

Candidate Starts for Iridessa_30:

(Start: 30 @27355 has 272 MA's), (Start: 34 @27373 has 8 MA's), (50, 27424), (91, 27592), (105, 27670), (125, 27760), (131, 27784), (141, 27820), (153, 27877), (156, 27892), (157, 27901), (163, 27928), (164, 27931), (170, 27958), (183, 28021), (187, 28051), (191, 28057), (207, 28141), (209, 28150), (221, 28219), (227, 28255), (229, 28261), (232, 28273), (254, 28363), (257, 28381), (259, 28390), (266, 28408), (274, 28441),

Gene: Iridoclysis_30 Start: 27636, Stop: 28748, Start Num: 30

Candidate Starts for Iridoclysis_30:

(Start: 30 @27636 has 272 MA's), (Start: 34 @27654 has 8 MA's), (50, 27705), (91, 27873), (105, 27951), (125, 28041), (131, 28065), (141, 28101), (153, 28158), (156, 28173), (157, 28182), (163, 28209), (164, 28212), (170, 28239), (183, 28302), (187, 28332), (191, 28338), (207, 28422), (209, 28431), (221, 28500), (227, 28536), (229, 28542), (232, 28554), (254, 28644), (257, 28662), (259, 28671), (266, 28689), (274, 28722),

Gene: IsaacEli_30 Start: 27660, Stop: 28772, Start Num: 30

Candidate Starts for IsaacEli_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209,

28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: ItsyBitsy1_31 Start: 28909, Stop: 29958, Start Num: 41

Candidate Starts for ItsyBitsy1_31:

(5, 28432), (6, 28477), (8, 28552), (11, 28648), (14, 28738), (Start: 20 @28798 has 1 MA's), (24, 28828), (25, 28831), (Start: 41 @28909 has 61 MA's), (54, 28957), (64, 28990), (72, 29041), (73, 29044), (92, 29107), (97, 29131), (120, 29254), (128, 29281), (131, 29293), (141, 29329), (149, 29371), (154, 29389), (159, 29413), (163, 29437), (165, 29449), (175, 29482), (180, 29521), (187, 29560), (199, 29608), (209, 29656), (212, 29677), (213, 29689), (220, 29722), (221, 29725), (232, 29779), (238, 29815), (243, 29827), (248, 29842), (249, 29848), (256, 29875), (257, 29881), (258, 29887), (261, 29896),

Gene: JAMaL_27 Start: 28079, Stop: 29155, Start Num: 42

Candidate Starts for JAMaL_27:

(Start: 42 @28079 has 29 MA's), (47, 28088), (88, 28256), (97, 28313), (110, 28376), (113, 28394), (117, 28415), (125, 28451), (131, 28475), (141, 28511), (153, 28568), (156, 28583), (159, 28595), (163, 28619), (164, 28622), (170, 28649), (175, 28664), (183, 28712), (186, 28733), (187, 28742), (191, 28748), (207, 28829), (210, 28847), (215, 28889), (217, 28898), (224, 28922), (232, 28961), (236, 28979), (238, 28997), (243, 29009), (244, 29012), (257, 29069), (259, 29078),

Gene: JDog_29 Start: 27369, Stop: 28481, Start Num: 30

Candidate Starts for JDog_29:

(Start: 30 @27369 has 272 MA's), (Start: 34 @27387 has 8 MA's), (50, 27438), (67, 27513), (91, 27606), (98, 27639), (105, 27684), (125, 27774), (131, 27798), (141, 27834), (153, 27891), (156, 27906), (157, 27915), (163, 27942), (164, 27945), (170, 27972), (183, 28035), (187, 28065), (189, 28068), (191, 28071), (207, 28155), (209, 28164), (221, 28233), (227, 28269), (229, 28275), (232, 28287), (254, 28377), (257, 28395), (259, 28404), (266, 28422), (274, 28455),

Gene: JacAttac_30 Start: 27642, Stop: 28754, Start Num: 30

Candidate Starts for JacAttac_30:

(Start: 30 @27642 has 272 MA's), (Start: 34 @27660 has 8 MA's), (50, 27711), (91, 27879), (105, 27957), (125, 28047), (131, 28071), (141, 28107), (153, 28164), (156, 28179), (157, 28188), (163, 28215), (164, 28218), (170, 28245), (183, 28308), (187, 28338), (191, 28344), (207, 28428), (209, 28437), (221, 28506), (227, 28542), (229, 28548), (232, 28560), (254, 28650), (257, 28668), (259, 28677), (266, 28695), (274, 28728),

Gene: Jackstina_27 Start: 27496, Stop: 28539, Start Num: 38

Candidate Starts for Jackstina_27:

(Start: 20 @27391 has 1 MA's), (24, 27421), (Start: 38 @27496 has 54 MA's), (54, 27544), (70, 27610), (92, 27694), (97, 27718), (105, 27766), (111, 27787), (151, 27967), (153, 27973), (155, 27985), (170, 28054), (185, 28135), (205, 28222), (207, 28237), (212, 28267), (224, 28330), (237, 28390), (239, 28408), (242, 28414), (243, 28417), (249, 28438), (256, 28468), (257, 28474), (258, 28480), (261, 28489),

Gene: JaguarMi_27 Start: 27377, Stop: 28453, Start Num: 42

Candidate Starts for JaguarMi_27:

(Start: 42 @27377 has 29 MA's), (47, 27386), (73, 27515), (88, 27554), (92, 27578), (97, 27611), (110, 27674), (117, 27713), (125, 27749), (131, 27773), (141, 27809), (153, 27866), (156, 27881), (159, 27893), (163, 27917), (164, 27920), (175, 27962), (183, 28010), (187, 28040), (191, 28046), (207, 28127), (210, 28145), (215, 28187), (217, 28196), (224, 28220), (232, 28259), (238, 28295), (243, 28307), (257, 28367), (259, 28376),

Gene: JakeO_29 Start: 27372, Stop: 28484, Start Num: 30

Candidate Starts for JakeO_29:

(Start: 30 @27372 has 272 MA's), (Start: 34 @27390 has 8 MA's), (50, 27441), (67, 27516), (91, 27609), (98, 27642), (105, 27687), (125, 27777), (131, 27801), (141, 27837), (153, 27894), (156, 27909), (157, 27918), (163, 27945), (164, 27948), (170, 27975), (183, 28038), (191, 28074), (207, 28158), (209, 28167), (221, 28236), (227, 28272), (229, 28278), (232, 28290), (254, 28380), (257, 28398), (259, 28407), (266, 28425), (274, 28458),

Gene: JangoPhett_30 Start: 27643, Stop: 28755, Start Num: 30

Candidate Starts for JangoPhett_30:

(Start: 30 @27643 has 272 MA's), (Start: 34 @27661 has 8 MA's), (50, 27712), (91, 27880), (105, 27958), (125, 28048), (131, 28072), (141, 28108), (153, 28165), (156, 28180), (157, 28189), (163, 28216), (164, 28219), (170, 28246), (183, 28309), (187, 28339), (191, 28345), (207, 28429), (209, 28438), (221, 28507), (227, 28543), (229, 28549), (232, 28561), (254, 28651), (257, 28669), (259, 28678), (266, 28696), (274, 28729),

Gene: Jeon_23 Start: 26201, Stop: 27238, Start Num: 41

Candidate Starts for Jeon_23:

(Start: 41 @26201 has 61 MA's), (49, 26222), (50, 26225), (54, 26249), (64, 26282), (82, 26354), (86, 26357), (91, 26384), (92, 26390), (97, 26414), (117, 26516), (128, 26564), (141, 26612), (149, 26654), (153, 26669), (154, 26672), (156, 26684), (159, 26696), (165, 26732), (183, 26813), (185, 26831), (187, 26843), (189, 26846), (198, 26888), (207, 26930), (212, 26960), (213, 26972), (225, 27026), (237, 27083), (238, 27098), (245, 27116), (248, 27125), (249, 27131), (250, 27137), (256, 27158), (257, 27164), (261, 27179), (275, 27227),

Gene: Jesabah_30 Start: 27375, Stop: 28487, Start Num: 30

Candidate Starts for Jesabah_30:

(Start: 30 @27375 has 272 MA's), (Start: 34 @27393 has 8 MA's), (50, 27444), (67, 27519), (91, 27612), (98, 27645), (105, 27690), (125, 27780), (131, 27804), (141, 27840), (153, 27897), (156, 27912), (157, 27921), (163, 27948), (164, 27951), (170, 27978), (183, 28041), (191, 28077), (207, 28161), (209, 28170), (221, 28239), (227, 28275), (229, 28281), (232, 28293), (254, 28383), (257, 28401), (259, 28410), (266, 28428), (274, 28461),

Gene: Jillium_29 Start: 27366, Stop: 28478, Start Num: 30

Candidate Starts for Jillium_29:

(Start: 30 @27366 has 272 MA's), (Start: 34 @27384 has 8 MA's), (50, 27435), (91, 27603), (98, 27636), (105, 27681), (125, 27771), (131, 27795), (141, 27831), (153, 27888), (156, 27903), (157, 27912), (163, 27939), (164, 27942), (170, 27969), (183, 28032), (191, 28068), (207, 28152), (209, 28161), (221, 28230), (227, 28266), (229, 28272), (232, 28284), (254, 28374), (257, 28392), (259, 28401), (266, 28419), (274, 28452),

Gene: Jiminy_29 Start: 27210, Stop: 28322, Start Num: 30

Candidate Starts for Jiminy_29:

(Start: 30 @27210 has 272 MA's), (Start: 34 @27228 has 8 MA's), (50, 27279), (67, 27354), (91, 27447), (98, 27480), (105, 27525), (125, 27615), (131, 27639), (141, 27675), (153, 27732), (156, 27747), (157, 27756), (163, 27783), (164, 27786), (170, 27813), (183, 27876), (187, 27906), (189, 27909), (191, 27912), (207, 27996), (209, 28005), (221, 28074), (227, 28110), (229, 28116), (232, 28128), (254, 28218), (257, 28236), (259, 28245), (266, 28263), (274, 28296),

Gene: Jiraiya_29 Start: 27363, Stop: 28475, Start Num: 30

Candidate Starts for Jiraiya_29:

(Start: 30 @27363 has 272 MA's), (Start: 34 @27381 has 8 MA's), (50, 27432), (67, 27507), (91, 27600), (98, 27633), (105, 27678), (125, 27768), (131, 27792), (141, 27828), (153, 27885), (156,

27900), (157, 27909), (163, 27936), (164, 27939), (170, 27966), (183, 28029), (191, 28065), (207, 28149), (209, 28158), (221, 28227), (227, 28263), (229, 28269), (232, 28281), (254, 28371), (257, 28389), (259, 28398), (266, 28416), (274, 28449),

Gene: Jolie1_025 Start: 26479, Stop: 27567, Start Num: 35

Candidate Starts for Jolie1_025:

(Start: 34 @26476 has 8 MA's), (Start: 35 @26479 has 2 MA's), (Start: 46 @26506 has 10 MA's), (49, 26524), (92, 26701), (99, 26743), (100, 26746), (131, 26887), (141, 26923), (149, 26965), (153, 26980), (163, 27031), (170, 27061), (175, 27076), (183, 27124), (187, 27154), (191, 27160), (207, 27241), (209, 27250), (224, 27334), (232, 27373), (236, 27391), (249, 27442), (257, 27481), (259, 27490), (271, 27535),

Gene: Jollymon_58 Start: 37457, Stop: 38605, Start Num: 40

Candidate Starts for Jollymon_58:

(Start: 40 @37457 has 15 MA's), (61, 37538), (63, 37544), (65, 37553), (112, 37751), (123, 37808), (129, 37829), (136, 37859), (137, 37865), (145, 37904), (146, 37910), (154, 37937), (156, 37949), (159, 37961), (166, 38000), (180, 38069), (183, 38078), (186, 38099), (193, 38129), (201, 38168), (211, 38219), (246, 38390), (247, 38393), (251, 38411), (252, 38417), (256, 38438), (257, 38444), (259, 38453),

Gene: JoyceMaria_27 Start: 27895, Stop: 28971, Start Num: 42

Candidate Starts for JoyceMaria_27:

(Start: 42 @27895 has 29 MA's), (47, 27904), (88, 28072), (97, 28129), (110, 28192), (117, 28231), (125, 28267), (131, 28291), (141, 28327), (153, 28384), (156, 28399), (159, 28411), (163, 28435), (164, 28438), (175, 28480), (183, 28528), (186, 28549), (187, 28558), (191, 28564), (207, 28645), (210, 28663), (215, 28705), (217, 28714), (224, 28738), (232, 28777), (236, 28795), (238, 28813), (243, 28825), (244, 28828), (257, 28885), (259, 28894),

Gene: KLUcky39_30 Start: 27654, Stop: 28766, Start Num: 30

Candidate Starts for KLUcky39_30:

(Start: 30 @27654 has 272 MA's), (Start: 34 @27672 has 8 MA's), (50, 27723), (91, 27891), (105, 27969), (125, 28059), (131, 28083), (141, 28119), (153, 28176), (156, 28191), (157, 28200), (163, 28227), (164, 28230), (170, 28257), (183, 28320), (187, 28350), (191, 28356), (207, 28440), (209, 28449), (221, 28518), (227, 28554), (229, 28560), (232, 28572), (254, 28662), (257, 28680), (259, 28689), (266, 28707), (274, 28740),

Gene: Kahve_29 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for Kahve_29:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (91, 27607), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: Kailash_30 Start: 27708, Stop: 28820, Start Num: 30

Candidate Starts for Kailash_30:

(Start: 30 @27708 has 272 MA's), (Start: 34 @27726 has 8 MA's), (50, 27777), (67, 27852), (91, 27945), (98, 27978), (105, 28023), (125, 28113), (131, 28137), (141, 28173), (153, 28230), (156, 28245), (157, 28254), (163, 28281), (164, 28284), (170, 28311), (183, 28374), (191, 28410), (207, 28494), (209, 28503), (221, 28572), (227, 28608), (229, 28614), (232, 28626), (254, 28716), (257, 28734), (259, 28743), (266, 28761), (274, 28794),

Gene: Kaleb_31 Start: 29042, Stop: 30091, Start Num: 41

Candidate Starts for Kaleb_31:

(5, 28565), (6, 28610), (8, 28685), (11, 28781), (14, 28871), (Start: 20 @28931 has 1 MA's), (24, 28961), (25, 28964), (Start: 41 @29042 has 61 MA's), (54, 29090), (64, 29123), (72, 29174), (73, 29177), (92, 29240), (97, 29264), (120, 29387), (128, 29414), (131, 29426), (141, 29462), (149, 29504), (154, 29522), (159, 29546), (163, 29570), (165, 29582), (175, 29615), (180, 29654), (187, 29693), (199, 29741), (209, 29789), (212, 29810), (213, 29822), (220, 29855), (221, 29858), (232, 29912), (238, 29948), (243, 29960), (248, 29975), (249, 29981), (256, 30008), (257, 30014), (258, 30020), (261, 30029),

Gene: Kamiyu_30 Start: 27542, Stop: 28585, Start Num: 38

Candidate Starts for Kamiyu_30:

(Start: 20 @27437 has 1 MA's), (24, 27467), (Start: 38 @27542 has 54 MA's), (54, 27590), (70, 27656), (92, 27740), (97, 27764), (105, 27812), (111, 27833), (153, 28019), (155, 28031), (170, 28100), (185, 28181), (205, 28268), (207, 28283), (212, 28313), (224, 28376), (237, 28436), (239, 28454), (242, 28460), (243, 28463), (249, 28484), (256, 28514), (257, 28520), (258, 28526), (261, 28535),

Gene: KarasumaRum_31 Start: 28042, Stop: 29127, Start Num: 36

Candidate Starts for KarasumaRum_31:

(Start: 36 @28042 has 10 MA's), (91, 28249), (92, 28255), (96, 28276), (97, 28279), (99, 28297), (105, 28327), (131, 28441), (153, 28534), (164, 28588), (177, 28636), (185, 28696), (187, 28708), (191, 28714), (192, 28720), (196, 28735), (198, 28753), (215, 28855), (238, 28963), (243, 28975), (248, 28990), (257, 29035), (259, 29044),

Gene: Katniss_30 Start: 27669, Stop: 28781, Start Num: 30

Candidate Starts for Katniss_30:

(Start: 30 @27669 has 272 MA's), (Start: 34 @27687 has 8 MA's), (50, 27738), (91, 27906), (105, 27984), (125, 28074), (131, 28098), (141, 28134), (153, 28191), (156, 28206), (157, 28215), (163, 28242), (164, 28245), (170, 28272), (183, 28335), (187, 28365), (191, 28371), (207, 28455), (209, 28464), (221, 28533), (227, 28569), (229, 28575), (232, 28587), (254, 28677), (257, 28695), (259, 28704), (266, 28722), (274, 28755),

Gene: KayaCho_25 Start: 26481, Stop: 27569, Start Num: 35

Candidate Starts for KayaCho_25:

(Start: 35 @26481 has 2 MA's), (Start: 46 @26508 has 10 MA's), (49, 26526), (99, 26745), (100, 26748), (131, 26889), (141, 26925), (149, 26967), (153, 26982), (163, 27033), (164, 27036), (170, 27063), (175, 27078), (183, 27126), (187, 27156), (191, 27162), (207, 27243), (209, 27252), (224, 27336), (232, 27375), (257, 27483), (259, 27492), (271, 27537),

Gene: Keitherie_30 Start: 27701, Stop: 28813, Start Num: 30

Candidate Starts for Keitherie_30:

(Start: 30 @27701 has 272 MA's), (Start: 34 @27719 has 8 MA's), (50, 27770), (67, 27845), (91, 27938), (98, 27971), (105, 28016), (125, 28106), (131, 28130), (141, 28166), (153, 28223), (156, 28238), (157, 28247), (163, 28274), (164, 28277), (170, 28304), (183, 28367), (187, 28397), (189, 28400), (191, 28403), (207, 28487), (209, 28496), (221, 28565), (227, 28601), (229, 28607), (232, 28619), (254, 28709), (257, 28727), (259, 28736), (266, 28754), (274, 28787),

Gene: Khan1_30 Start: 27390, Stop: 28502, Start Num: 30

Candidate Starts for Khan1_30:

(Start: 30 @27390 has 272 MA's), (Start: 34 @27408 has 8 MA's), (50, 27459), (67, 27534), (91, 27627), (98, 27660), (105, 27705), (125, 27795), (131, 27819), (141, 27855), (153, 27912), (156, 27927), (157, 27936), (163, 27963), (164, 27966), (170, 27993), (183, 28056), (191, 28092), (207, 28176), (209, 28185), (221, 28254), (227, 28290), (229, 28296), (232, 28308), (254, 28398), (257, 28416), (259, 28425), (266, 28443), (274, 28476),

Gene: Kheth_31 Start: 28927, Stop: 29976, Start Num: 41

Candidate Starts for Kheth_31:

(11, 28666), (14, 28756), (Start: 20 @28816 has 1 MA's), (24, 28846), (25, 28849), (Start: 41 @28927 has 61 MA's), (54, 28975), (64, 29008), (72, 29059), (73, 29062), (92, 29125), (97, 29149), (120, 29272), (128, 29299), (131, 29311), (141, 29347), (149, 29389), (154, 29407), (159, 29431), (163, 29455), (165, 29467), (175, 29500), (180, 29539), (187, 29578), (199, 29626), (209, 29674), (212, 29695), (213, 29707), (220, 29740), (221, 29743), (232, 29797), (238, 29833), (243, 29845), (248, 29860), (249, 29866), (256, 29893), (257, 29899), (258, 29905), (261, 29914),

Gene: Kikipoo_30 Start: 27660, Stop: 28772, Start Num: 30

Candidate Starts for Kikipoo_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209, 28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: Kimbrough_30 Start: 27362, Stop: 28474, Start Num: 30

Candidate Starts for Kimbrough_30:

(Start: 30 @27362 has 272 MA's), (Start: 34 @27380 has 8 MA's), (50, 27431), (91, 27599), (105, 27677), (125, 27767), (131, 27791), (141, 27827), (153, 27884), (156, 27899), (157, 27908), (163, 27935), (164, 27938), (170, 27965), (183, 28028), (187, 28058), (191, 28064), (207, 28148), (209, 28157), (221, 28226), (227, 28262), (229, 28268), (232, 28280), (254, 28370), (257, 28388), (259, 28397), (266, 28415), (274, 28448),

Gene: KingTut_21 Start: 23031, Stop: 24143, Start Num: 30

Candidate Starts for KingTut_21:

(Start: 30 @23031 has 272 MA's), (Start: 34 @23049 has 8 MA's), (50, 23100), (91, 23268), (105, 23346), (125, 23436), (131, 23460), (141, 23496), (153, 23553), (156, 23568), (157, 23577), (163, 23604), (164, 23607), (170, 23634), (183, 23697), (187, 23727), (191, 23733), (207, 23817), (209, 23826), (221, 23895), (227, 23931), (229, 23937), (232, 23949), (254, 24039), (257, 24057), (259, 24066), (266, 24084), (274, 24117),

Gene: KingVeVeVe_30 Start: 27653, Stop: 28747, Start Num: 34

Candidate Starts for KingVeVeVe_30:

(Start: 30 @27635 has 272 MA's), (Start: 34 @27653 has 8 MA's), (50, 27704), (91, 27872), (105, 27950), (125, 28040), (131, 28064), (141, 28100), (153, 28157), (156, 28172), (157, 28181), (163, 28208), (164, 28211), (170, 28238), (183, 28301), (187, 28331), (191, 28337), (207, 28421), (209, 28430), (221, 28499), (227, 28535), (229, 28541), (232, 28553), (254, 28643), (257, 28661), (259, 28670), (266, 28688), (274, 28721),

Gene: KingstonB_59 Start: 36936, Stop: 38084, Start Num: 40

Candidate Starts for KingstonB_59:

(Start: 40 @36936 has 15 MA's), (61, 37017), (63, 37023), (65, 37032), (112, 37230), (123, 37287), (129, 37308), (136, 37338), (137, 37344), (145, 37383), (146, 37389), (154, 37416), (156, 37428), (159, 37440), (166, 37479), (180, 37548), (183, 37557), (186, 37578), (193, 37608), (201, 37647), (211, 37698), (246, 37869), (251, 37890), (252, 37896), (256, 37917), (257, 37923), (259, 37932),

Gene: KlimbOn_30 Start: 27648, Stop: 28760, Start Num: 30

Candidate Starts for KlimbOn_30:

(Start: 30 @27648 has 272 MA's), (Start: 34 @27666 has 8 MA's), (50, 27717), (91, 27885), (105, 27963), (125, 28053), (131, 28077), (141, 28113), (153, 28170), (156, 28185), (157, 28194), (163,

28221), (164, 28224), (170, 28251), (183, 28314), (187, 28344), (191, 28350), (207, 28434), (209, 28443), (221, 28512), (227, 28548), (229, 28554), (232, 28566), (254, 28656), (257, 28674), (259, 28683), (266, 28701), (274, 28734),

Gene: Kloppinator_30 Start: 27671, Stop: 28783, Start Num: 30

Candidate Starts for Kloppinator_30:

(Start: 30 @27671 has 272 MA's), (Start: 34 @27689 has 8 MA's), (50, 27740), (91, 27908), (105, 27986), (125, 28076), (131, 28100), (141, 28136), (153, 28193), (156, 28208), (157, 28217), (163, 28244), (164, 28247), (170, 28274), (183, 28337), (187, 28367), (191, 28373), (207, 28457), (209, 28466), (221, 28535), (227, 28571), (229, 28577), (232, 28589), (254, 28679), (257, 28697), (259, 28706), (266, 28724), (274, 28757),

Gene: Klocker_31 Start: 30345, Stop: 31415, Start Num: 42

Candidate Starts for Klocker_31:

(29, 30291), (Start: 42 @30345 has 29 MA's), (47, 30354), (54, 30396), (56, 30402), (59, 30414), (80, 30501), (88, 30522), (89, 30531), (93, 30555), (96, 30567), (107, 30624), (109, 30630), (128, 30720), (131, 30732), (132, 30735), (148, 30807), (149, 30810), (153, 30825), (163, 30876), (164, 30879), (170, 30906), (171, 30912), (182, 30966), (183, 30969), (187, 30999), (191, 31005), (197, 31038), (202, 31059), (207, 31086), (209, 31095), (210, 31104), (227, 31200), (231, 31215), (232, 31218), (242, 31263), (243, 31266), (245, 31272), (255, 31314), (256, 31320), (257, 31326), (266, 31353), (283, 31395),

Gene: Kolhan_31 Start: 28921, Stop: 29970, Start Num: 41

Candidate Starts for Kolhan_31:

(5, 28444), (6, 28489), (8, 28564), (11, 28660), (14, 28750), (Start: 20 @28810 has 1 MA's), (24, 28840), (25, 28843), (Start: 41 @28921 has 61 MA's), (54, 28969), (64, 29002), (72, 29053), (73, 29056), (92, 29119), (97, 29143), (120, 29266), (128, 29293), (131, 29305), (141, 29341), (149, 29383), (154, 29401), (159, 29425), (163, 29449), (165, 29461), (175, 29494), (180, 29533), (187, 29572), (199, 29620), (209, 29668), (212, 29689), (213, 29701), (219, 29731), (220, 29734), (221, 29737), (232, 29791), (238, 29827), (243, 29839), (248, 29854), (249, 29860), (256, 29887), (257, 29893), (258, 29899), (261, 29908),

Gene: Kronus_29 Start: 28156, Stop: 29199, Start Num: 38

Candidate Starts for Kronus_29:

(Start: 20 @28051 has 1 MA's), (24, 28081), (Start: 38 @28156 has 54 MA's), (54, 28204), (70, 28270), (92, 28354), (97, 28378), (101, 28402), (105, 28426), (111, 28447), (153, 28633), (155, 28645), (170, 28714), (185, 28795), (205, 28882), (207, 28897), (212, 28927), (224, 28990), (237, 29050), (239, 29068), (242, 29074), (243, 29077), (249, 29098), (256, 29128), (257, 29134), (258, 29140), (261, 29149),

Gene: Kwadwo_29 Start: 27352, Stop: 28464, Start Num: 30

Candidate Starts for Kwadwo_29:

(Start: 30 @27352 has 272 MA's), (Start: 34 @27370 has 8 MA's), (50, 27421), (91, 27589), (105, 27667), (125, 27757), (131, 27781), (141, 27817), (153, 27874), (156, 27889), (157, 27898), (163, 27925), (164, 27928), (170, 27955), (183, 28018), (187, 28048), (191, 28054), (207, 28138), (209, 28147), (221, 28216), (227, 28252), (229, 28258), (232, 28270), (254, 28360), (257, 28378), (259, 28387), (266, 28405), (274, 28438),

Gene: Kwksand96_29 Start: 27220, Stop: 28332, Start Num: 30

Candidate Starts for Kwksand96_29:

(Start: 30 @27220 has 272 MA's), (Start: 34 @27238 has 8 MA's), (50, 27289), (67, 27364), (91, 27457), (98, 27490), (105, 27535), (125, 27625), (131, 27649), (141, 27685), (153, 27742), (156, 27757), (157, 27766), (163, 27793), (164, 27796), (170, 27823), (183, 27886), (191, 27922), (207,

28006), (209, 28015), (221, 28084), (227, 28120), (229, 28126), (232, 28138), (254, 28228), (257, 28246), (259, 28255), (266, 28273), (274, 28306),

Gene: Labeouficaum_29 Start: 27216, Stop: 28328, Start Num: 30

Candidate Starts for Labeouficaum_29:

(Start: 30 @27216 has 272 MA's), (Start: 34 @27234 has 8 MA's), (50, 27285), (67, 27360), (91, 27453), (98, 27486), (105, 27531), (125, 27621), (131, 27645), (141, 27681), (153, 27738), (156, 27753), (157, 27762), (163, 27789), (164, 27792), (170, 27819), (183, 27882), (191, 27918), (207, 28002), (209, 28011), (221, 28080), (227, 28116), (229, 28122), (232, 28134), (254, 28224), (257, 28242), (259, 28251), (266, 28269), (274, 28302),

Gene: Lambano_26 Start: 26880, Stop: 27956, Start Num: 42

Candidate Starts for Lambano_26:

(Start: 42 @26880 has 29 MA's), (47, 26889), (88, 27057), (97, 27114), (110, 27177), (117, 27216), (125, 27252), (131, 27276), (141, 27312), (153, 27369), (156, 27384), (159, 27396), (163, 27420), (164, 27423), (175, 27465), (183, 27513), (186, 27534), (187, 27543), (191, 27549), (207, 27630), (210, 27648), (215, 27690), (217, 27699), (224, 27723), (232, 27762), (236, 27780), (238, 27798), (243, 27810), (257, 27870), (259, 27879),

Gene: Lars_31 Start: 29032, Stop: 30081, Start Num: 41

Candidate Starts for Lars_31:

(5, 28555), (6, 28600), (8, 28675), (11, 28771), (14, 28861), (Start: 20 @28921 has 1 MA's), (24, 28951), (25, 28954), (Start: 41 @29032 has 61 MA's), (54, 29080), (64, 29113), (72, 29164), (73, 29167), (92, 29230), (97, 29254), (120, 29377), (128, 29404), (131, 29416), (141, 29452), (149, 29494), (154, 29512), (159, 29536), (163, 29560), (165, 29572), (175, 29605), (180, 29644), (187, 29683), (199, 29731), (209, 29779), (212, 29800), (213, 29812), (220, 29845), (221, 29848), (232, 29902), (238, 29938), (243, 29950), (248, 29965), (249, 29971), (256, 29998), (257, 30004), (258, 30010), (261, 30019),

Gene: Larson_31 Start: 27699, Stop: 28811, Start Num: 30

Candidate Starts for Larson_31:

(Start: 30 @27699 has 272 MA's), (Start: 34 @27717 has 8 MA's), (50, 27768), (67, 27843), (91, 27936), (98, 27969), (105, 28014), (125, 28104), (131, 28128), (141, 28164), (153, 28221), (156, 28236), (157, 28245), (163, 28272), (164, 28275), (170, 28302), (183, 28365), (187, 28395), (189, 28398), (191, 28401), (207, 28485), (209, 28494), (221, 28563), (227, 28599), (229, 28605), (232, 28617), (254, 28707), (257, 28725), (259, 28734), (266, 28752), (274, 28785),

Gene: LasagnaCat_30 Start: 27654, Stop: 28766, Start Num: 30

Candidate Starts for LasagnaCat_30:

(Start: 30 @27654 has 272 MA's), (Start: 34 @27672 has 8 MA's), (50, 27723), (67, 27798), (91, 27891), (98, 27924), (105, 27969), (125, 28059), (131, 28083), (141, 28119), (153, 28176), (156, 28191), (157, 28200), (163, 28227), (164, 28230), (170, 28257), (183, 28320), (191, 28356), (207, 28440), (209, 28449), (221, 28518), (227, 28554), (229, 28560), (232, 28572), (254, 28662), (257, 28680), (259, 28689), (266, 28707), (274, 28740),

Gene: Lasso_30 Start: 27627, Stop: 28739, Start Num: 30

Candidate Starts for Lasso_30:

(Start: 30 @27627 has 272 MA's), (Start: 34 @27645 has 8 MA's), (50, 27696), (91, 27864), (105, 27942), (125, 28032), (131, 28056), (141, 28092), (153, 28149), (156, 28164), (157, 28173), (163, 28200), (164, 28203), (170, 28230), (183, 28293), (187, 28323), (191, 28329), (207, 28413), (209, 28422), (221, 28491), (227, 28527), (229, 28533), (232, 28545), (254, 28635), (257, 28653), (259, 28662), (266, 28680), (274, 28713),

Gene: Laurie_31 Start: 28916, Stop: 29965, Start Num: 41

Candidate Starts for Laurie_31:

(Start: 41 @28916 has 61 MA's), (54, 28964), (64, 28997), (72, 29048), (73, 29051), (92, 29114), (97, 29138), (120, 29261), (128, 29288), (131, 29300), (141, 29336), (148, 29375), (149, 29378), (154, 29396), (159, 29420), (163, 29444), (165, 29456), (175, 29489), (180, 29528), (187, 29567), (209, 29663), (212, 29684), (213, 29696), (220, 29729), (221, 29732), (232, 29786), (238, 29822), (243, 29834), (248, 29849), (249, 29855), (256, 29882), (257, 29888), (258, 29894), (261, 29903),

Gene: LeeLot_30 Start: 27658, Stop: 28770, Start Num: 30

Candidate Starts for LeeLot_30:

(Start: 30 @27658 has 272 MA's), (Start: 34 @27676 has 8 MA's), (50, 27727), (91, 27895), (105, 27973), (125, 28063), (131, 28087), (141, 28123), (153, 28180), (156, 28195), (157, 28204), (163, 28231), (164, 28234), (170, 28261), (183, 28324), (187, 28354), (191, 28360), (207, 28444), (209, 28453), (221, 28522), (227, 28558), (229, 28564), (232, 28576), (254, 28666), (257, 28684), (259, 28693), (266, 28711), (274, 28744),

Gene: Lego3393_30 Start: 27663, Stop: 28775, Start Num: 30

Candidate Starts for Lego3393_30:

(Start: 30 @27663 has 272 MA's), (Start: 34 @27681 has 8 MA's), (50, 27732), (91, 27900), (105, 27978), (125, 28068), (131, 28092), (141, 28128), (153, 28185), (156, 28200), (157, 28209), (163, 28236), (164, 28239), (170, 28266), (183, 28329), (187, 28359), (191, 28365), (207, 28449), (209, 28458), (221, 28527), (227, 28563), (229, 28569), (232, 28581), (254, 28671), (257, 28689), (259, 28698), (266, 28716), (274, 28749),

Gene: Legolas_29 Start: 27368, Stop: 28480, Start Num: 30

Candidate Starts for Legolas_29:

(Start: 30 @27368 has 272 MA's), (Start: 34 @27386 has 8 MA's), (50, 27437), (91, 27605), (105, 27683), (125, 27773), (131, 27797), (141, 27833), (153, 27890), (156, 27905), (157, 27914), (163, 27941), (164, 27944), (170, 27971), (183, 28034), (187, 28064), (191, 28070), (207, 28154), (209, 28163), (221, 28232), (227, 28268), (229, 28274), (232, 28286), (254, 28376), (257, 28394), (259, 28403), (266, 28421), (274, 28454),

Gene: Lehmann_30 Start: 27191, Stop: 28303, Start Num: 30

Candidate Starts for Lehmann_30:

(Start: 30 @27191 has 272 MA's), (Start: 34 @27209 has 8 MA's), (50, 27260), (91, 27428), (105, 27506), (125, 27596), (131, 27620), (141, 27656), (153, 27713), (156, 27728), (157, 27737), (163, 27764), (164, 27767), (170, 27794), (183, 27857), (187, 27887), (191, 27893), (207, 27977), (209, 27986), (221, 28055), (227, 28091), (229, 28097), (232, 28109), (254, 28199), (257, 28217), (259, 28226), (266, 28244), (274, 28277),

Gene: LeiMonet_30 Start: 27359, Stop: 28471, Start Num: 30

Candidate Starts for LeiMonet_30:

(Start: 30 @27359 has 272 MA's), (Start: 34 @27377 has 8 MA's), (50, 27428), (91, 27596), (105, 27674), (125, 27764), (131, 27788), (141, 27824), (153, 27881), (156, 27896), (157, 27905), (163, 27932), (164, 27935), (170, 27962), (183, 28025), (187, 28055), (191, 28061), (207, 28145), (209, 28154), (221, 28223), (227, 28259), (229, 28265), (232, 28277), (254, 28367), (257, 28385), (259, 28394), (266, 28412), (274, 28445),

Gene: LemonSlice_30 Start: 27355, Stop: 28467, Start Num: 30

Candidate Starts for LemonSlice_30:

(Start: 30 @27355 has 272 MA's), (Start: 34 @27373 has 8 MA's), (50, 27424), (91, 27592), (105, 27670), (125, 27760), (131, 27784), (141, 27820), (153, 27877), (156, 27892), (157, 27901), (163, 27928), (164, 27931), (170, 27958), (183, 28021), (187, 28051), (191, 28057), (207, 28141), (209,

28150), (221, 28219), (227, 28255), (229, 28261), (232, 28273), (254, 28363), (257, 28381), (259, 28390), (266, 28408), (274, 28441),

Gene: Lephleur_31 Start: 28925, Stop: 29974, Start Num: 41

Candidate Starts for Lephleur_31:

(11, 28664), (14, 28754), (Start: 20 @28814 has 1 MA's), (24, 28844), (25, 28847), (Start: 41 @28925 has 61 MA's), (54, 28973), (64, 29006), (72, 29057), (73, 29060), (92, 29123), (97, 29147), (120, 29270), (128, 29297), (131, 29309), (141, 29345), (149, 29387), (154, 29405), (159, 29429), (163, 29453), (165, 29465), (175, 29498), (180, 29537), (187, 29576), (199, 29624), (209, 29672), (212, 29693), (213, 29705), (219, 29735), (220, 29738), (221, 29741), (232, 29795), (238, 29831), (243, 29843), (248, 29858), (249, 29864), (256, 29891), (257, 29897), (258, 29903), (261, 29912),

Gene: LestyG_30 Start: 27577, Stop: 28620, Start Num: 38

Candidate Starts for LestyG_30:

(Start: 20 @27472 has 1 MA's), (24, 27502), (Start: 38 @27577 has 54 MA's), (54, 27625), (70, 27691), (92, 27775), (97, 27799), (101, 27823), (105, 27847), (111, 27868), (117, 27901), (153, 28054), (155, 28066), (170, 28135), (185, 28216), (205, 28303), (207, 28318), (212, 28348), (224, 28411), (237, 28471), (239, 28489), (242, 28495), (243, 28498), (249, 28519), (256, 28549), (257, 28555), (258, 28561), (261, 28570),

Gene: Ligma_26 Start: 25044, Stop: 26081, Start Num: 40

Candidate Starts for Ligma_26:

(Start: 38 @25041 has 54 MA's), (Start: 40 @25044 has 15 MA's), (70, 25158), (87, 25206), (92, 25233), (103, 25287), (128, 25407), (131, 25419), (141, 25455), (156, 25527), (159, 25539), (165, 25575), (167, 25581), (170, 25593), (183, 25656), (207, 25773), (227, 25887), (243, 25953), (248, 25968), (249, 25974), (255, 26001), (266, 26031), (282, 26070),

Gene: LilMcDreamy_26 Start: 28053, Stop: 29186, Start Num: 28

Candidate Starts for LilMcDreamy_26:

(Start: 28 @28053 has 1 MA's), (31, 28071), (73, 28248), (87, 28284), (99, 28353), (131, 28497), (132, 28500), (141, 28533), (153, 28590), (157, 28614), (167, 28659), (183, 28737), (185, 28755), (187, 28767), (191, 28773), (192, 28779), (196, 28794), (205, 28839), (209, 28863), (214, 28911), (215, 28914), (238, 29022), (257, 29094),

Gene: LilSmirk_31 Start: 28919, Stop: 29968, Start Num: 41

Candidate Starts for LilSmirk_31:

(5, 28442), (6, 28487), (8, 28562), (11, 28658), (14, 28748), (Start: 20 @28808 has 1 MA's), (24, 28838), (25, 28841), (Start: 41 @28919 has 61 MA's), (54, 28967), (64, 29000), (72, 29051), (73, 29054), (92, 29117), (97, 29141), (120, 29264), (128, 29291), (131, 29303), (141, 29339), (149, 29381), (154, 29399), (159, 29423), (163, 29447), (165, 29459), (175, 29492), (180, 29531), (187, 29570), (199, 29618), (209, 29666), (212, 29687), (213, 29699), (219, 29729), (220, 29732), (221, 29735), (232, 29789), (238, 29825), (243, 29837), (248, 29852), (249, 29858), (256, 29885), (257, 29891), (258, 29897), (261, 29906),

Gene: LittleDigger_26 Start: 26899, Stop: 27975, Start Num: 42

Candidate Starts for LittleDigger_26:

(Start: 42 @26899 has 29 MA's), (47, 26908), (73, 27037), (88, 27076), (97, 27133), (110, 27196), (117, 27235), (125, 27271), (131, 27295), (141, 27331), (153, 27388), (156, 27403), (159, 27415), (163, 27439), (164, 27442), (175, 27484), (183, 27532), (187, 27562), (191, 27568), (207, 27649), (210, 27667), (215, 27709), (217, 27718), (224, 27742), (232, 27781), (236, 27799), (238, 27817), (243, 27829), (257, 27889), (259, 27898),

Gene: LittleMinkey_34 Start: 27826, Stop: 28890, Start Num: 43

Candidate Starts for LittleMinkey_34:

(Start: 43 @27826 has 3 MA's), (54, 27877), (125, 28192), (131, 28216), (148, 28291), (153, 28309), (159, 28336), (163, 28360), (187, 28483), (191, 28489), (207, 28570), (209, 28579), (210, 28588), (232, 28702), (236, 28720), (255, 28798), (257, 28810), (272, 28861), (274, 28864), (276, 28870),

Gene: LittleMunchkin_28 Start: 28100, Stop: 29137, Start Num: 41

Candidate Starts for LittleMunchkin_28:

(Start: 41 @28100 has 61 MA's), (87, 28262), (113, 28394), (131, 28475), (153, 28568), (154, 28571), (156, 28583), (170, 28649), (182, 28709), (187, 28742), (189, 28745), (207, 28829), (210, 28847), (212, 28859), (232, 28961), (243, 29009), (255, 29057), (276, 29117), (282, 29126),

Gene: LizLemon_31 Start: 29041, Stop: 30090, Start Num: 41

Candidate Starts for LizLemon_31:

(5, 28564), (6, 28609), (8, 28684), (11, 28780), (14, 28870), (Start: 20 @28930 has 1 MA's), (24, 28960), (25, 28963), (Start: 41 @29041 has 61 MA's), (54, 29089), (64, 29122), (72, 29173), (73, 29176), (92, 29239), (97, 29263), (120, 29386), (128, 29413), (131, 29425), (141, 29461), (149, 29503), (154, 29521), (159, 29545), (163, 29569), (165, 29581), (175, 29614), (180, 29653), (187, 29692), (199, 29740), (209, 29788), (212, 29809), (213, 29821), (219, 29851), (220, 29854), (221, 29857), (232, 29911), (238, 29947), (243, 29959), (248, 29974), (249, 29980), (256, 30007), (257, 30013), (258, 30019), (261, 30028),

Gene: Lolalove_27 Start: 27906, Stop: 28982, Start Num: 42

Candidate Starts for Lolalove_27:

(Start: 42 @27906 has 29 MA's), (47, 27915), (88, 28083), (97, 28140), (110, 28203), (117, 28242), (125, 28278), (131, 28302), (141, 28338), (153, 28395), (156, 28410), (159, 28422), (163, 28446), (164, 28449), (175, 28491), (183, 28539), (186, 28560), (187, 28569), (191, 28575), (207, 28656), (210, 28674), (215, 28716), (217, 28725), (224, 28749), (232, 28788), (236, 28806), (238, 28824), (243, 28836), (257, 28896), (259, 28905),

Gene: Longacauda_29 Start: 27360, Stop: 28472, Start Num: 30

Candidate Starts for Longacauda_29:

(Start: 30 @27360 has 272 MA's), (Start: 34 @27378 has 8 MA's), (50, 27429), (67, 27504), (91, 27597), (98, 27630), (105, 27675), (125, 27765), (131, 27789), (141, 27825), (153, 27882), (156, 27897), (157, 27906), (163, 27933), (164, 27936), (170, 27963), (183, 28026), (191, 28062), (207, 28146), (209, 28155), (221, 28224), (227, 28260), (229, 28266), (232, 28278), (254, 28368), (257, 28386), (259, 28395), (266, 28413), (274, 28446),

Gene: Lopsy_29 Start: 27210, Stop: 28322, Start Num: 30

Candidate Starts for Lopsy_29:

(Start: 30 @27210 has 272 MA's), (Start: 34 @27228 has 8 MA's), (50, 27279), (91, 27447), (105, 27525), (125, 27615), (131, 27639), (141, 27675), (153, 27732), (156, 27747), (157, 27756), (163, 27783), (164, 27786), (170, 27813), (183, 27876), (187, 27906), (191, 27912), (207, 27996), (209, 28005), (221, 28074), (227, 28110), (229, 28116), (232, 28128), (254, 28218), (257, 28236), (259, 28245), (266, 28263), (274, 28296),

Gene: LostAndPhound_29 Start: 27361, Stop: 28473, Start Num: 30

Candidate Starts for LostAndPhound_29:

(Start: 30 @27361 has 272 MA's), (Start: 34 @27379 has 8 MA's), (50, 27430), (91, 27598), (105, 27676), (125, 27766), (131, 27790), (141, 27826), (153, 27883), (156, 27898), (157, 27907), (163, 27934), (164, 27937), (170, 27964), (183, 28027), (187, 28057), (191, 28063), (207, 28147), (209, 28156), (221, 28225), (227, 28261), (229, 28267), (232, 28279), (254, 28369), (257, 28387), (259, 28396), (266, 28414), (274, 28447),

Gene: LuckyMarjie_29 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for LuckyMarjie_29:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (91, 27607), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: Lulumae_29 Start: 27352, Stop: 28464, Start Num: 30

Candidate Starts for Lulumae_29:

(Start: 30 @27352 has 272 MA's), (Start: 34 @27370 has 8 MA's), (50, 27421), (91, 27589), (105, 27667), (125, 27757), (131, 27781), (141, 27817), (153, 27874), (156, 27889), (157, 27898), (163, 27925), (164, 27928), (170, 27955), (183, 28018), (187, 28048), (191, 28054), (207, 28138), (209, 28147), (221, 28216), (227, 28252), (229, 28258), (232, 28270), (254, 28360), (257, 28378), (259, 28387), (266, 28405), (274, 28438),

Gene: Lulwa_30 Start: 27639, Stop: 28751, Start Num: 30

Candidate Starts for Lulwa_30:

(Start: 30 @27639 has 272 MA's), (Start: 34 @27657 has 8 MA's), (50, 27708), (91, 27876), (105, 27954), (125, 28044), (131, 28068), (141, 28104), (153, 28161), (156, 28176), (157, 28185), (163, 28212), (164, 28215), (170, 28242), (183, 28305), (187, 28335), (191, 28341), (207, 28425), (209, 28434), (221, 28503), (227, 28539), (229, 28545), (232, 28557), (254, 28647), (257, 28665), (259, 28674), (266, 28692), (274, 28725),

Gene: Lumine_29 Start: 27348, Stop: 28460, Start Num: 30

Candidate Starts for Lumine_29:

(Start: 30 @27348 has 272 MA's), (Start: 34 @27366 has 8 MA's), (50, 27417), (91, 27585), (105, 27663), (125, 27753), (131, 27777), (141, 27813), (153, 27870), (156, 27885), (157, 27894), (163, 27921), (164, 27924), (170, 27951), (183, 28014), (187, 28044), (191, 28050), (207, 28134), (209, 28143), (221, 28212), (227, 28248), (229, 28254), (232, 28266), (254, 28356), (257, 28374), (259, 28383), (266, 28401), (274, 28434),

Gene: MRabcd_29 Start: 27352, Stop: 28464, Start Num: 30

Candidate Starts for MRabcd_29:

(Start: 30 @27352 has 272 MA's), (Start: 34 @27370 has 8 MA's), (50, 27421), (91, 27589), (105, 27667), (125, 27757), (131, 27781), (141, 27817), (153, 27874), (156, 27889), (157, 27898), (163, 27925), (164, 27928), (170, 27955), (183, 28018), (187, 28048), (191, 28054), (207, 28138), (209, 28147), (221, 28216), (227, 28252), (229, 28258), (232, 28270), (254, 28360), (257, 28378), (259, 28387), (266, 28405), (274, 28438),

Gene: Mag7_29 Start: 27258, Stop: 28370, Start Num: 30

Candidate Starts for Mag7_29:

(Start: 30 @27258 has 272 MA's), (Start: 34 @27276 has 8 MA's), (50, 27327), (67, 27402), (91, 27495), (98, 27528), (105, 27573), (125, 27663), (131, 27687), (141, 27723), (153, 27780), (156, 27795), (157, 27804), (163, 27831), (164, 27834), (170, 27861), (183, 27924), (191, 27960), (207, 28044), (209, 28053), (221, 28122), (227, 28158), (229, 28164), (232, 28176), (254, 28266), (257, 28284), (259, 28293), (266, 28311), (274, 28344),

Gene: Magic8_30 Start: 27693, Stop: 28805, Start Num: 30

Candidate Starts for Magic8_30:

(Start: 30 @27693 has 272 MA's), (Start: 34 @27711 has 8 MA's), (50, 27762), (67, 27837), (91, 27930), (98, 27963), (105, 28008), (125, 28098), (131, 28122), (141, 28158), (153, 28215), (156, 28230), (157, 28239), (163, 28266), (164, 28269), (170, 28296), (183, 28359), (191, 28395), (207,

28479), (209, 28488), (221, 28557), (227, 28593), (229, 28599), (232, 28611), (254, 28701), (257, 28719), (259, 28728), (266, 28746), (274, 28779),

Gene: Magpie_26 Start: 27735, Stop: 28811, Start Num: 42

Candidate Starts for Magpie_26:

(Start: 42 @27735 has 29 MA's), (47, 27744), (73, 27873), (88, 27912), (97, 27969), (110, 28032), (117, 28071), (125, 28107), (131, 28131), (141, 28167), (153, 28224), (156, 28239), (159, 28251), (163, 28275), (164, 28278), (170, 28305), (175, 28320), (183, 28368), (186, 28389), (187, 28398), (191, 28404), (207, 28485), (210, 28503), (215, 28545), (217, 28554), (224, 28578), (232, 28617), (236, 28635), (238, 28653), (243, 28665), (257, 28725), (259, 28734),

Gene: Maih_22 Start: 21598, Stop: 22626, Start Num: 46

Candidate Starts for Maih_22:

(12, 21331), (26, 21520), (Start: 46 @21598 has 10 MA's), (58, 21655), (65, 21682), (68, 21697), (105, 21865), (106, 21868), (115, 21910), (122, 21946), (141, 22018), (169, 22144), (182, 22210), (188, 22246), (190, 22249), (194, 22276), (196, 22282), (203, 22321), (227, 22453), (235, 22486), (248, 22531), (252, 22552), (263, 22582), (264, 22585), (267, 22591), (272, 22615), (274, 22618),

Gene: Makar_59 Start: 37276, Stop: 38424, Start Num: 40

Candidate Starts for Makar_59:

(Start: 40 @37276 has 15 MA's), (51, 37312), (61, 37357), (63, 37363), (98, 37498), (112, 37570), (123, 37627), (125, 37633), (145, 37723), (146, 37729), (154, 37756), (156, 37768), (166, 37819), (172, 37843), (180, 37888), (183, 37897), (186, 37918), (208, 38020), (213, 38059), (232, 38149), (234, 38158), (246, 38209), (251, 38230), (252, 38236), (256, 38257), (257, 38263), (259, 38272), (288, 38410),

Gene: MakoManhole_28 Start: 27029, Stop: 28078, Start Num: 41

Candidate Starts for MakoManhole_28:

(Start: 41 @27029 has 61 MA's), (50, 27053), (64, 27110), (70, 27143), (73, 27164), (78, 27179), (88, 27197), (92, 27221), (102, 27272), (113, 27326), (124, 27380), (131, 27407), (137, 27431), (148, 27482), (156, 27515), (159, 27527), (165, 27563), (175, 27596), (182, 27641), (187, 27674), (205, 27746), (206, 27752), (207, 27761), (210, 27779), (236, 27911), (241, 27935), (243, 27941), (276, 28058), (282, 28067),

Gene: Mana_29 Start: 27367, Stop: 28479, Start Num: 30

Candidate Starts for Mana_29:

(Start: 30 @27367 has 272 MA's), (Start: 34 @27385 has 8 MA's), (50, 27436), (91, 27604), (105, 27682), (125, 27772), (131, 27796), (141, 27832), (153, 27889), (156, 27904), (157, 27913), (163, 27940), (164, 27943), (170, 27970), (183, 28033), (187, 28063), (191, 28069), (207, 28153), (209, 28162), (221, 28231), (227, 28267), (229, 28273), (232, 28285), (254, 28375), (257, 28393), (259, 28402), (266, 28420), (274, 28453),

Gene: Manad_29 Start: 27206, Stop: 28318, Start Num: 30

Candidate Starts for Manad_29:

(Start: 30 @27206 has 272 MA's), (Start: 34 @27224 has 8 MA's), (50, 27275), (91, 27443), (105, 27521), (125, 27611), (131, 27635), (141, 27671), (153, 27728), (156, 27743), (157, 27752), (163, 27779), (164, 27782), (170, 27809), (183, 27872), (187, 27902), (189, 27905), (191, 27908), (207, 27992), (209, 28001), (221, 28070), (227, 28106), (229, 28112), (232, 28124), (254, 28214), (257, 28232), (259, 28241), (266, 28259), (274, 28292),

Gene: Mao1_25 Start: 24950, Stop: 25996, Start Num: 38

Candidate Starts for Mao1_25:

(1, 24320), (2, 24380), (4, 24446), (5, 24479), (6, 24524), (10, 24677), (Start: 20 @24845 has 1 MA's), (24, 24875), (Start: 38 @24950 has 54 MA's), (Start: 41 @24956 has 61 MA's), (65, 25043), (70, 25070), (72, 25088), (73, 25091), (92, 25154), (105, 25226), (107, 25232), (111, 25247), (153, 25433), (155, 25445), (161, 25472), (182, 25574), (197, 25646), (198, 25652), (207, 25694), (209, 25703), (212, 25724), (221, 25772), (224, 25787), (228, 25811), (234, 25835), (239, 25865), (243, 25874), (248, 25889), (257, 25928), (261, 25943),

Gene: Mariokart_26 Start: 24963, Stop: 26003, Start Num: 40

Candidate Starts for Mariokart_26:

(Start: 40 @24963 has 15 MA's), (54, 25011), (73, 25098), (103, 25206), (113, 25257), (117, 25278), (128, 25326), (131, 25338), (137, 25362), (141, 25374), (153, 25431), (155, 25443), (156, 25446), (164, 25485), (167, 25500), (170, 25512), (175, 25527), (187, 25605), (189, 25608), (194, 25626), (195, 25629), (205, 25677), (206, 25683), (207, 25692), (209, 25701), (223, 25782), (232, 25824), (243, 25872), (248, 25887), (255, 25920), (276, 25983), (282, 25992),

Gene: Marley1013_30 Start: 28355, Stop: 29398, Start Num: 38

Candidate Starts for Marley1013_30:

(Start: 20 @28250 has 1 MA's), (24, 28280), (Start: 38 @28355 has 54 MA's), (54, 28403), (70, 28469), (92, 28553), (97, 28577), (105, 28625), (111, 28646), (151, 28826), (153, 28832), (155, 28844), (170, 28913), (185, 28994), (205, 29081), (207, 29096), (212, 29126), (224, 29189), (237, 29249), (239, 29267), (242, 29273), (243, 29276), (249, 29297), (256, 29327), (257, 29333), (258, 29339), (261, 29348),

Gene: Marlia_30 Start: 27557, Stop: 28600, Start Num: 38

Candidate Starts for Marlia_30:

(Start: 20 @27452 has 1 MA's), (24, 27482), (Start: 38 @27557 has 54 MA's), (54, 27605), (70, 27671), (92, 27755), (97, 27779), (101, 27803), (105, 27827), (111, 27848), (153, 28034), (155, 28046), (170, 28115), (185, 28196), (205, 28283), (207, 28298), (212, 28328), (224, 28391), (237, 28451), (239, 28469), (242, 28475), (243, 28478), (249, 28499), (256, 28529), (257, 28535), (258, 28541), (261, 28550),

Gene: Maru_29 Start: 27360, Stop: 28472, Start Num: 30

Candidate Starts for Maru_29:

(Start: 30 @27360 has 272 MA's), (Start: 34 @27378 has 8 MA's), (50, 27429), (91, 27597), (105, 27675), (125, 27765), (131, 27789), (141, 27825), (153, 27882), (156, 27897), (157, 27906), (163, 27933), (164, 27936), (170, 27963), (183, 28026), (187, 28056), (191, 28062), (207, 28146), (209, 28155), (221, 28224), (227, 28260), (229, 28266), (232, 28278), (254, 28368), (257, 28386), (259, 28395), (266, 28413), (274, 28446),

Gene: Mask_26 Start: 24943, Stop: 25989, Start Num: 38

Candidate Starts for Mask_26:

(1, 24313), (2, 24373), (4, 24439), (5, 24472), (6, 24517), (10, 24670), (Start: 20 @24838 has 1 MA's), (24, 24868), (Start: 38 @24943 has 54 MA's), (Start: 41 @24949 has 61 MA's), (65, 25036), (70, 25063), (72, 25081), (73, 25084), (92, 25147), (105, 25219), (107, 25225), (111, 25240), (153, 25426), (155, 25438), (161, 25465), (182, 25567), (197, 25639), (198, 25645), (207, 25687), (209, 25696), (212, 25717), (221, 25765), (224, 25780), (228, 25804), (234, 25828), (239, 25858), (243, 25867), (248, 25882), (257, 25921), (261, 25936),

Gene: Maskar_29 Start: 27206, Stop: 28318, Start Num: 30

Candidate Starts for Maskar_29:

(Start: 30 @27206 has 272 MA's), (Start: 34 @27224 has 8 MA's), (50, 27275), (67, 27350), (91, 27443), (98, 27476), (105, 27521), (125, 27611), (131, 27635), (141, 27671), (153, 27728), (156, 27743), (157, 27752), (163, 27779), (164, 27782), (170, 27809), (183, 27872), (191, 27908), (207,

27992), (209, 28001), (221, 28070), (227, 28106), (229, 28112), (232, 28124), (254, 28214), (257, 28232), (259, 28241), (266, 28259), (274, 28292),

Gene: MasterPo_31 Start: 28928, Stop: 29977, Start Num: 41

Candidate Starts for MasterPo_31:

(5, 28451), (6, 28496), (8, 28571), (11, 28667), (14, 28757), (Start: 20 @28817 has 1 MA's), (24, 28847), (25, 28850), (Start: 41 @28928 has 61 MA's), (54, 28976), (64, 29009), (72, 29060), (73, 29063), (92, 29126), (97, 29150), (120, 29273), (128, 29300), (131, 29312), (141, 29348), (149, 29390), (154, 29408), (159, 29432), (163, 29456), (165, 29468), (175, 29501), (180, 29540), (187, 29579), (199, 29627), (209, 29675), (212, 29696), (213, 29708), (220, 29741), (221, 29744), (232, 29798), (238, 29834), (243, 29846), (248, 29861), (249, 29867), (256, 29894), (257, 29900), (258, 29906), (261, 29915),

Gene: Matalotodo_30 Start: 27653, Stop: 28765, Start Num: 30

Candidate Starts for Matalotodo_30:

(Start: 30 @27653 has 272 MA's), (Start: 34 @27671 has 8 MA's), (50, 27722), (91, 27890), (105, 27968), (125, 28058), (131, 28082), (141, 28118), (153, 28175), (156, 28190), (157, 28199), (163, 28226), (164, 28229), (170, 28256), (183, 28319), (187, 28349), (191, 28355), (207, 28439), (209, 28448), (221, 28517), (227, 28553), (229, 28559), (232, 28571), (254, 28661), (257, 28679), (259, 28688), (266, 28706), (274, 28739),

Gene: Mcshane_29 Start: 27350, Stop: 28462, Start Num: 30

Candidate Starts for Mcshane_29:

(Start: 30 @27350 has 272 MA's), (Start: 34 @27368 has 8 MA's), (50, 27419), (91, 27587), (105, 27665), (125, 27755), (131, 27779), (141, 27815), (153, 27872), (156, 27887), (157, 27896), (163, 27923), (164, 27926), (170, 27953), (183, 28016), (187, 28046), (191, 28052), (207, 28136), (209, 28145), (221, 28214), (227, 28250), (229, 28256), (232, 28268), (254, 28358), (257, 28376), (259, 28385), (266, 28403), (274, 28436),

Gene: Mecca_29 Start: 27353, Stop: 28465, Start Num: 30

Candidate Starts for Mecca_29:

(Start: 30 @27353 has 272 MA's), (Start: 34 @27371 has 8 MA's), (50, 27422), (91, 27590), (105, 27668), (125, 27758), (131, 27782), (141, 27818), (153, 27875), (156, 27890), (157, 27899), (163, 27926), (164, 27929), (170, 27956), (183, 28019), (187, 28049), (191, 28055), (207, 28139), (209, 28148), (221, 28217), (227, 28253), (229, 28259), (232, 28271), (254, 28361), (257, 28379), (259, 28388), (266, 28406), (274, 28439),

Gene: Megabear_23 Start: 26126, Stop: 27163, Start Num: 41

Candidate Starts for Megabear_23:

(Start: 41 @26126 has 61 MA's), (49, 26147), (50, 26150), (54, 26174), (64, 26207), (73, 26261), (82, 26279), (86, 26282), (91, 26309), (92, 26315), (97, 26339), (117, 26441), (128, 26489), (141, 26537), (149, 26579), (153, 26594), (154, 26597), (159, 26621), (165, 26657), (182, 26735), (183, 26738), (185, 26756), (187, 26768), (189, 26771), (197, 26807), (198, 26813), (207, 26855), (212, 26885), (213, 26897), (225, 26951), (237, 27008), (238, 27023), (245, 27041), (248, 27050), (249, 27056), (250, 27062), (256, 27083), (257, 27089), (261, 27104), (269, 27128),

Gene: Megamind20_30 Start: 27375, Stop: 28487, Start Num: 30

Candidate Starts for Megamind20_30:

(Start: 30 @27375 has 272 MA's), (Start: 34 @27393 has 8 MA's), (50, 27444), (91, 27612), (105, 27690), (125, 27780), (131, 27804), (141, 27840), (153, 27897), (156, 27912), (157, 27921), (163, 27948), (164, 27951), (170, 27978), (183, 28041), (187, 28071), (191, 28077), (207, 28161), (209, 28170), (221, 28239), (227, 28275), (229, 28281), (232, 28293), (254, 28383), (257, 28401), (259, 28410), (266, 28428), (274, 28461),

Gene: Megatron_30 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for Megatron_30:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (91, 27888), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163, 28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209, 28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Melc17_30 Start: 27648, Stop: 28760, Start Num: 30

Candidate Starts for Melc17_30:

(Start: 30 @27648 has 272 MA's), (Start: 34 @27666 has 8 MA's), (50, 27717), (67, 27792), (91, 27885), (98, 27918), (105, 27963), (125, 28053), (131, 28077), (141, 28113), (153, 28170), (156, 28185), (157, 28194), (163, 28221), (164, 28224), (170, 28251), (183, 28314), (187, 28344), (189, 28347), (191, 28350), (207, 28434), (209, 28443), (221, 28512), (227, 28548), (229, 28554), (232, 28566), (254, 28656), (257, 28674), (259, 28683), (266, 28701), (274, 28734),

Gene: MelsMeow_29 Start: 27252, Stop: 28364, Start Num: 30

Candidate Starts for MelsMeow_29:

(Start: 30 @27252 has 272 MA's), (Start: 34 @27270 has 8 MA's), (50, 27321), (67, 27396), (91, 27489), (98, 27522), (105, 27567), (125, 27657), (131, 27681), (141, 27717), (153, 27774), (156, 27789), (157, 27798), (163, 27825), (164, 27828), (170, 27855), (183, 27918), (187, 27948), (189, 27951), (191, 27954), (207, 28038), (209, 28047), (221, 28116), (227, 28152), (229, 28158), (232, 28170), (254, 28260), (257, 28278), (259, 28287), (266, 28305), (274, 28338),

Gene: Mesh1_30 Start: 27665, Stop: 28777, Start Num: 30

Candidate Starts for Mesh1_30:

(Start: 30 @27665 has 272 MA's), (Start: 34 @27683 has 8 MA's), (50, 27734), (91, 27902), (105, 27980), (125, 28070), (131, 28094), (141, 28130), (153, 28187), (156, 28202), (157, 28211), (163, 28238), (164, 28241), (170, 28268), (183, 28331), (187, 28361), (191, 28367), (207, 28451), (209, 28460), (221, 28529), (227, 28565), (229, 28571), (232, 28583), (254, 28673), (257, 28691), (259, 28700), (266, 28718), (274, 28751),

Gene: Mesmerelda_29 Start: 27363, Stop: 28475, Start Num: 30

Candidate Starts for Mesmerelda_29:

(Start: 30 @27363 has 272 MA's), (Start: 34 @27381 has 8 MA's), (50, 27432), (91, 27600), (105, 27678), (125, 27768), (131, 27792), (141, 27828), (153, 27885), (156, 27900), (157, 27909), (163, 27936), (164, 27939), (170, 27966), (183, 28029), (187, 28059), (191, 28065), (207, 28149), (209, 28158), (221, 28227), (227, 28263), (229, 28269), (232, 28281), (254, 28371), (257, 28389), (259, 28398), (266, 28416), (274, 28449),

Gene: MichaelPhcott_29 Start: 27255, Stop: 28367, Start Num: 30

Candidate Starts for MichaelPhcott_29:

(Start: 30 @27255 has 272 MA's), (Start: 34 @27273 has 8 MA's), (50, 27324), (67, 27399), (91, 27492), (98, 27525), (105, 27570), (125, 27660), (131, 27684), (141, 27720), (153, 27777), (156, 27792), (157, 27801), (163, 27828), (164, 27831), (170, 27858), (183, 27921), (191, 27957), (207, 28041), (209, 28050), (221, 28119), (227, 28155), (229, 28161), (232, 28173), (254, 28263), (257, 28281), (259, 28290), (266, 28308), (274, 28341),

Gene: Mikota_30 Start: 27638, Stop: 28750, Start Num: 30

Candidate Starts for Mikota_30:

(Start: 30 @27638 has 272 MA's), (Start: 34 @27656 has 8 MA's), (50, 27707), (67, 27782), (91, 27875), (105, 27953), (125, 28043), (131, 28067), (141, 28103), (153, 28160), (156, 28175), (157,

28184), (163, 28211), (164, 28214), (170, 28241), (183, 28304), (187, 28334), (191, 28340), (207, 28424), (209, 28433), (221, 28502), (227, 28538), (229, 28544), (232, 28556), (254, 28646), (257, 28664), (259, 28673), (266, 28691), (274, 28724),

Gene: MiniBoss_30 Start: 27644, Stop: 28756, Start Num: 30

Candidate Starts for MiniBoss_30:

(Start: 30 @27644 has 272 MA's), (Start: 34 @27662 has 8 MA's), (50, 27713), (91, 27881), (105, 27959), (125, 28049), (131, 28073), (141, 28109), (153, 28166), (156, 28181), (157, 28190), (163, 28217), (164, 28220), (170, 28247), (183, 28310), (187, 28340), (191, 28346), (207, 28430), (209, 28439), (221, 28508), (227, 28544), (229, 28550), (232, 28562), (254, 28652), (257, 28670), (259, 28679), (266, 28697), (274, 28730),

Gene: Mischief19_31 Start: 32194, Stop: 33276, Start Num: 48

Candidate Starts for Mischief19_31:

(16, 32029), (23, 32095), (26, 32113), (Start: 48 @32194 has 1 MA's), (62, 32269), (75, 32335), (87, 32371), (90, 32389), (105, 32464), (107, 32470), (115, 32509), (118, 32524), (150, 32662), (167, 32737), (169, 32743), (178, 32776), (197, 32887), (215, 32995), (216, 33001), (232, 33064), (249, 33130),

Gene: MitKao_30 Start: 27359, Stop: 28471, Start Num: 30

Candidate Starts for MitKao_30:

(Start: 30 @27359 has 272 MA's), (Start: 34 @27377 has 8 MA's), (50, 27428), (91, 27596), (105, 27674), (125, 27764), (131, 27788), (141, 27824), (153, 27881), (156, 27896), (157, 27905), (163, 27932), (164, 27935), (170, 27962), (183, 28025), (187, 28055), (191, 28061), (207, 28145), (209, 28154), (221, 28223), (227, 28259), (229, 28265), (232, 28277), (254, 28367), (257, 28385), (259, 28394), (266, 28412), (274, 28445),

Gene: Mithril_27 Start: 27910, Stop: 28986, Start Num: 42

Candidate Starts for Mithril_27:

(Start: 42 @27910 has 29 MA's), (47, 27919), (88, 28087), (97, 28144), (110, 28207), (117, 28246), (125, 28282), (131, 28306), (141, 28342), (153, 28399), (156, 28414), (159, 28426), (163, 28450), (164, 28453), (175, 28495), (183, 28543), (186, 28564), (187, 28573), (191, 28579), (207, 28660), (210, 28678), (215, 28720), (217, 28729), (224, 28753), (232, 28792), (236, 28810), (238, 28828), (243, 28840), (244, 28843), (257, 28900), (259, 28909),

Gene: MmasiCarm_30 Start: 27559, Stop: 28602, Start Num: 38

Candidate Starts for MmasiCarm_30:

(Start: 20 @27454 has 1 MA's), (24, 27484), (Start: 38 @27559 has 54 MA's), (54, 27607), (70, 27673), (92, 27757), (97, 27781), (105, 27829), (111, 27850), (151, 28030), (153, 28036), (155, 28048), (170, 28117), (185, 28198), (205, 28285), (207, 28300), (212, 28330), (224, 28393), (237, 28453), (239, 28471), (242, 28477), (243, 28480), (249, 28501), (256, 28531), (257, 28537), (258, 28543), (261, 28552),

Gene: Morgushi_30 Start: 27360, Stop: 28472, Start Num: 30

Candidate Starts for Morgushi_30:

(Start: 30 @27360 has 272 MA's), (Start: 34 @27378 has 8 MA's), (50, 27429), (91, 27597), (105, 27675), (125, 27765), (131, 27789), (141, 27825), (153, 27882), (156, 27897), (157, 27906), (163, 27933), (164, 27936), (170, 27963), (183, 28026), (187, 28056), (191, 28062), (207, 28146), (209, 28155), (221, 28224), (227, 28260), (229, 28266), (232, 28278), (254, 28368), (257, 28386), (259, 28395), (266, 28413), (274, 28446),

Gene: Mortcellus_29 Start: 28211, Stop: 29254, Start Num: 38

Candidate Starts for Mortcellus_29:

(Start: 20 @28106 has 1 MA's), (24, 28136), (Start: 38 @28211 has 54 MA's), (54, 28259), (70, 28325), (92, 28409), (97, 28433), (101, 28457), (105, 28481), (111, 28502), (117, 28535), (153, 28688), (155, 28700), (170, 28769), (185, 28850), (205, 28937), (207, 28952), (212, 28982), (224, 29045), (237, 29105), (239, 29123), (242, 29129), (243, 29132), (249, 29153), (256, 29183), (257, 29189), (258, 29195), (261, 29204),

Gene: Morty_30 Start: 27660, Stop: 28772, Start Num: 30

Candidate Starts for Morty_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209, 28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: Morty007_30 Start: 28355, Stop: 29398, Start Num: 38

Candidate Starts for Morty007_30:

(Start: 20 @28250 has 1 MA's), (24, 28280), (Start: 38 @28355 has 54 MA's), (54, 28403), (70, 28469), (92, 28553), (97, 28577), (105, 28625), (111, 28646), (151, 28826), (153, 28832), (155, 28844), (170, 28913), (185, 28994), (205, 29081), (207, 29096), (212, 29126), (224, 29189), (237, 29249), (239, 29267), (242, 29273), (243, 29276), (249, 29297), (256, 29327), (257, 29333), (258, 29339), (261, 29348),

Gene: Mosaic_29 Start: 27365, Stop: 28477, Start Num: 30

Candidate Starts for Mosaic_29:

(Start: 30 @27365 has 272 MA's), (Start: 34 @27383 has 8 MA's), (50, 27434), (91, 27602), (105, 27680), (125, 27770), (131, 27794), (141, 27830), (153, 27887), (156, 27902), (157, 27911), (163, 27938), (164, 27941), (170, 27968), (183, 28031), (187, 28061), (191, 28067), (207, 28151), (209, 28160), (221, 28229), (227, 28265), (229, 28271), (232, 28283), (254, 28373), (257, 28391), (259, 28400), (266, 28418), (274, 28451),

Gene: MossRose_28 Start: 27008, Stop: 28057, Start Num: 41

Candidate Starts for MossRose_28:

(Start: 41 @27008 has 61 MA's), (50, 27032), (64, 27089), (70, 27122), (73, 27143), (78, 27158), (88, 27176), (92, 27200), (102, 27251), (113, 27305), (124, 27359), (131, 27386), (137, 27410), (156, 27494), (159, 27506), (165, 27542), (175, 27575), (182, 27620), (183, 27623), (187, 27653), (205, 27725), (206, 27731), (207, 27740), (210, 27758), (236, 27890), (241, 27914), (243, 27920), (276, 28037), (282, 28046),

Gene: MrPhizzler_30 Start: 27367, Stop: 28479, Start Num: 30

Candidate Starts for MrPhizzler_30:

(Start: 30 @27367 has 272 MA's), (Start: 34 @27385 has 8 MA's), (50, 27436), (67, 27511), (91, 27604), (98, 27637), (105, 27682), (125, 27772), (131, 27796), (141, 27832), (153, 27889), (156, 27904), (157, 27913), (163, 27940), (164, 27943), (170, 27970), (183, 28033), (191, 28069), (207, 28153), (209, 28162), (221, 28231), (227, 28267), (229, 28273), (232, 28285), (254, 28375), (257, 28393), (259, 28402), (266, 28420), (274, 28453),

Gene: Mudslide_27 Start: 28142, Stop: 29218, Start Num: 42

Candidate Starts for Mudslide_27:

(Start: 42 @28142 has 29 MA's), (47, 28151), (88, 28319), (97, 28376), (110, 28439), (113, 28457), (117, 28478), (125, 28514), (131, 28538), (141, 28574), (153, 28631), (156, 28646), (159, 28658), (163, 28682), (164, 28685), (175, 28727), (183, 28775), (186, 28796), (187, 28805), (191, 28811), (207, 28892), (210, 28910), (215, 28952), (217, 28961), (224, 28985), (232, 29024), (236, 29042), (238, 29060), (243, 29072), (257, 29132), (259, 29141),

Gene: Mulan_29 Start: 27377, Stop: 28489, Start Num: 30

Candidate Starts for Mulan_29:

(Start: 30 @27377 has 272 MA's), (Start: 34 @27395 has 8 MA's), (50, 27446), (91, 27614), (105, 27692), (125, 27782), (131, 27806), (141, 27842), (153, 27899), (156, 27914), (157, 27923), (163, 27950), (164, 27953), (170, 27980), (183, 28043), (187, 28073), (191, 28079), (207, 28163), (209, 28172), (221, 28241), (227, 28277), (229, 28283), (232, 28295), (254, 28385), (257, 28403), (259, 28412), (266, 28430), (274, 28463),

Gene: Mulaychimus_30 Start: 27541, Stop: 28584, Start Num: 38

Candidate Starts for Mulaychimus_30:

(Start: 20 @27436 has 1 MA's), (24, 27466), (Start: 38 @27541 has 54 MA's), (54, 27589), (70, 27655), (92, 27739), (97, 27763), (101, 27787), (105, 27811), (111, 27832), (117, 27865), (153, 28018), (155, 28030), (170, 28099), (185, 28180), (205, 28267), (207, 28282), (212, 28312), (224, 28375), (237, 28435), (239, 28453), (242, 28459), (243, 28462), (249, 28483), (256, 28513), (257, 28519), (258, 28525), (261, 28534),

Gene: Murdoc_30 Start: 27652, Stop: 28764, Start Num: 30

Candidate Starts for Murdoc_30:

(Start: 30 @27652 has 272 MA's), (Start: 34 @27670 has 8 MA's), (50, 27721), (91, 27889), (105, 27967), (125, 28057), (131, 28081), (141, 28117), (153, 28174), (156, 28189), (157, 28198), (163, 28225), (164, 28228), (170, 28255), (183, 28318), (187, 28348), (191, 28354), (207, 28438), (209, 28447), (221, 28516), (227, 28552), (229, 28558), (232, 28570), (254, 28660), (257, 28678), (259, 28687), (266, 28705), (274, 28738),

Gene: Mutante_29 Start: 27359, Stop: 28471, Start Num: 30

Candidate Starts for Mutante_29:

(Start: 30 @27359 has 272 MA's), (Start: 34 @27377 has 8 MA's), (50, 27428), (91, 27596), (105, 27674), (125, 27764), (131, 27788), (141, 27824), (153, 27881), (156, 27896), (157, 27905), (163, 27932), (164, 27935), (170, 27962), (183, 28025), (187, 28055), (191, 28061), (207, 28145), (209, 28154), (221, 28223), (227, 28259), (229, 28265), (232, 28277), (254, 28367), (257, 28385), (259, 28394), (266, 28412), (274, 28445),

Gene: Mysterious_29 Start: 28150, Stop: 29238, Start Num: 36

Candidate Starts for Mysterious_29:

(Start: 36 @28150 has 10 MA's), (39, 28159), (85, 28330), (91, 28360), (92, 28366), (99, 28408), (113, 28471), (131, 28552), (153, 28645), (160, 28678), (164, 28699), (177, 28747), (185, 28807), (187, 28819), (191, 28825), (192, 28831), (196, 28846), (197, 28858), (215, 28966), (224, 28999), (231, 29035), (238, 29074), (243, 29086), (249, 29107), (257, 29146), (260, 29158), (262, 29164), (281, 29218),

Gene: NHagos_26 Start: 25549, Stop: 26592, Start Num: 41

Candidate Starts for NHagos_26:

(Start: 41 @25549 has 61 MA's), (49, 25570), (54, 25597), (87, 25714), (88, 25717), (92, 25741), (99, 25783), (113, 25846), (131, 25927), (153, 26020), (155, 26032), (156, 26035), (159, 26047), (163, 26071), (170, 26101), (183, 26164), (184, 26179), (187, 26194), (197, 26233), (205, 26266), (207, 26281), (212, 26311), (232, 26413), (243, 26461), (248, 26476), (255, 26509), (256, 26515), (276, 26572), (282, 26581),

Gene: Nacho_0030 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for Nacho_0030:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (91, 27888), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163,

28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209, 28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Nanao_26 Start: 26867, Stop: 27943, Start Num: 42

Candidate Starts for Nanao_26:

(Start: 42 @26867 has 29 MA's), (47, 26876), (88, 27044), (97, 27101), (110, 27164), (117, 27203), (125, 27239), (131, 27263), (141, 27299), (153, 27356), (156, 27371), (159, 27383), (163, 27407), (164, 27410), (175, 27452), (183, 27500), (186, 27521), (187, 27530), (191, 27536), (207, 27617), (210, 27635), (215, 27677), (217, 27686), (224, 27710), (232, 27749), (236, 27767), (238, 27785), (243, 27797), (257, 27857), (259, 27866),

Gene: Nangang_29 Start: 27852, Stop: 28937, Start Num: 36

Candidate Starts for Nangang_29:

(Start: 36 @27852 has 10 MA's), (91, 28059), (92, 28065), (96, 28086), (97, 28089), (99, 28107), (105, 28137), (131, 28251), (153, 28344), (164, 28398), (177, 28446), (185, 28506), (187, 28518), (191, 28524), (192, 28530), (196, 28545), (198, 28563), (215, 28665), (221, 28683), (231, 28734), (238, 28773), (243, 28785), (248, 28800), (257, 28845), (259, 28854),

Gene: Nathan_30 Start: 27684, Stop: 28796, Start Num: 30

Candidate Starts for Nathan_30:

(Start: 30 @27684 has 272 MA's), (Start: 34 @27702 has 8 MA's), (50, 27753), (67, 27828), (91, 27921), (98, 27954), (105, 27999), (125, 28089), (131, 28113), (141, 28149), (153, 28206), (156, 28221), (157, 28230), (163, 28257), (164, 28260), (170, 28287), (183, 28350), (189, 28383), (191, 28386), (207, 28470), (209, 28479), (221, 28548), (227, 28584), (229, 28590), (232, 28602), (254, 28692), (257, 28710), (259, 28719), (266, 28737), (274, 28770),

Gene: Nehemiah_28 Start: 28150, Stop: 29238, Start Num: 36

Candidate Starts for Nehemiah_28:

(Start: 36 @28150 has 10 MA's), (39, 28159), (85, 28330), (91, 28360), (92, 28366), (99, 28408), (113, 28471), (131, 28552), (153, 28645), (160, 28678), (164, 28699), (177, 28747), (185, 28807), (187, 28819), (191, 28825), (192, 28831), (196, 28846), (197, 28858), (215, 28966), (224, 28999), (231, 29035), (238, 29074), (243, 29086), (249, 29107), (257, 29146), (260, 29158), (262, 29164), (281, 29218),

Gene: Neos5_30 Start: 28371, Stop: 29414, Start Num: 38

Candidate Starts for Neos5_30:

(Start: 20 @28266 has 1 MA's), (24, 28296), (Start: 38 @28371 has 54 MA's), (54, 28419), (70, 28485), (92, 28569), (97, 28593), (101, 28617), (105, 28641), (111, 28662), (117, 28695), (153, 28848), (155, 28860), (170, 28929), (185, 29010), (205, 29097), (207, 29112), (212, 29142), (224, 29205), (237, 29265), (239, 29283), (242, 29289), (243, 29292), (249, 29313), (256, 29343), (257, 29349), (258, 29355), (261, 29364),

Gene: Newman_30 Start: 27647, Stop: 28759, Start Num: 30

Candidate Starts for Newman_30:

(Start: 30 @27647 has 272 MA's), (Start: 34 @27665 has 8 MA's), (50, 27716), (91, 27884), (105, 27962), (125, 28052), (131, 28076), (141, 28112), (153, 28169), (156, 28184), (157, 28193), (163, 28220), (164, 28223), (170, 28250), (183, 28313), (187, 28343), (191, 28349), (207, 28433), (209, 28442), (221, 28511), (227, 28547), (229, 28553), (232, 28565), (254, 28655), (257, 28673), (259, 28682), (266, 28700), (274, 28733),

Gene: Nicole21_30 Start: 27649, Stop: 28761, Start Num: 30

Candidate Starts for Nicole21_30:

(Start: 30 @27649 has 272 MA's), (Start: 34 @27667 has 8 MA's), (50, 27718), (91, 27886), (105, 27964), (125, 28054), (131, 28078), (141, 28114), (153, 28171), (156, 28186), (157, 28195), (163, 28222), (164, 28225), (170, 28252), (183, 28315), (187, 28345), (191, 28351), (207, 28435), (209, 28444), (221, 28513), (227, 28549), (229, 28555), (232, 28567), (254, 28657), (257, 28675), (259, 28684), (266, 28702), (274, 28735),

Gene: Nigel_25 Start: 26778, Stop: 27854, Start Num: 42

Candidate Starts for Nigel_25:

(Start: 42 @26778 has 29 MA's), (88, 26955), (92, 26979), (97, 27012), (110, 27075), (125, 27150), (131, 27174), (141, 27210), (153, 27267), (156, 27282), (159, 27294), (163, 27318), (164, 27321), (183, 27411), (186, 27432), (187, 27441), (191, 27447), (207, 27528), (210, 27546), (219, 27600), (224, 27621), (232, 27660), (243, 27708), (244, 27711), (255, 27756), (257, 27768), (259, 27777),

Gene: Nozo_30 Start: 28335, Stop: 29378, Start Num: 38

Candidate Starts for Nozo_30:

(Start: 20 @28230 has 1 MA's), (24, 28260), (Start: 38 @28335 has 54 MA's), (54, 28383), (70, 28449), (92, 28533), (97, 28557), (101, 28581), (105, 28605), (111, 28626), (117, 28659), (153, 28812), (155, 28824), (170, 28893), (185, 28974), (205, 29061), (207, 29076), (212, 29106), (224, 29169), (237, 29229), (239, 29247), (242, 29253), (243, 29256), (249, 29277), (256, 29307), (257, 29313), (258, 29319), (261, 29328),

Gene: Numberten_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Numberten_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Nyala_29 Start: 27351, Stop: 28463, Start Num: 30

Candidate Starts for Nyala_29:

(Start: 30 @27351 has 272 MA's), (Start: 34 @27369 has 8 MA's), (50, 27420), (91, 27588), (105, 27666), (125, 27756), (131, 27780), (141, 27816), (153, 27873), (156, 27888), (157, 27897), (163, 27924), (164, 27927), (170, 27954), (183, 28017), (187, 28047), (191, 28053), (207, 28137), (209, 28146), (221, 28215), (227, 28251), (229, 28257), (232, 28269), (254, 28359), (257, 28377), (259, 28386), (266, 28404), (274, 28437),

Gene: OSmaximus_30 Start: 27686, Stop: 28798, Start Num: 30

Candidate Starts for OSmaximus_30:

(Start: 30 @27686 has 272 MA's), (Start: 34 @27704 has 8 MA's), (50, 27755), (67, 27830), (91, 27923), (98, 27956), (105, 28001), (125, 28091), (131, 28115), (141, 28151), (153, 28208), (156, 28223), (157, 28232), (163, 28259), (164, 28262), (170, 28289), (183, 28352), (187, 28382), (189, 28385), (191, 28388), (207, 28472), (209, 28481), (221, 28550), (227, 28586), (229, 28592), (232, 28604), (254, 28694), (257, 28712), (259, 28721), (266, 28739), (274, 28772),

Gene: Obutu_30 Start: 27559, Stop: 28602, Start Num: 38

Candidate Starts for Obutu_30:

(Start: 20 @27454 has 1 MA's), (24, 27484), (Start: 38 @27559 has 54 MA's), (54, 27607), (70, 27673), (92, 27757), (97, 27781), (101, 27805), (105, 27829), (111, 27850), (117, 27883), (153, 28036), (155, 28048), (170, 28117), (185, 28198), (205, 28285), (207, 28300), (212, 28330), (224, 28393), (237, 28453), (239, 28471), (242, 28477), (243, 28480), (249, 28501), (256, 28531), (257, 28537), (258, 28543), (261, 28552),

Gene: Olak_29 Start: 27355, Stop: 28467, Start Num: 30

Candidate Starts for Olak_29:

(Start: 30 @27355 has 272 MA's), (Start: 34 @27373 has 8 MA's), (50, 27424), (91, 27592), (105, 27670), (125, 27760), (131, 27784), (141, 27820), (153, 27877), (156, 27892), (157, 27901), (163, 27928), (164, 27931), (170, 27958), (183, 28021), (187, 28051), (191, 28057), (207, 28141), (209, 28150), (221, 28219), (227, 28255), (229, 28261), (232, 28273), (254, 28363), (257, 28381), (259, 28390), (266, 28408), (274, 28441),

Gene: Oline_29 Start: 27220, Stop: 28332, Start Num: 30

Candidate Starts for Oline_29:

(Start: 30 @27220 has 272 MA's), (Start: 34 @27238 has 8 MA's), (50, 27289), (67, 27364), (91, 27457), (98, 27490), (105, 27535), (125, 27625), (131, 27649), (141, 27685), (153, 27742), (156, 27757), (157, 27766), (163, 27793), (164, 27796), (170, 27823), (183, 27886), (191, 27922), (207, 28006), (209, 28015), (221, 28084), (227, 28120), (229, 28126), (232, 28138), (254, 28228), (257, 28246), (259, 28255), (266, 28273), (274, 28306),

Gene: Olive_30 Start: 27641, Stop: 28753, Start Num: 30

Candidate Starts for Olive_30:

(Start: 30 @27641 has 272 MA's), (Start: 34 @27659 has 8 MA's), (50, 27710), (91, 27878), (105, 27956), (125, 28046), (131, 28070), (153, 28163), (156, 28178), (157, 28187), (163, 28214), (164, 28217), (170, 28244), (183, 28307), (187, 28337), (191, 28343), (207, 28427), (209, 28436), (221, 28505), (227, 28541), (229, 28547), (232, 28559), (254, 28649), (257, 28667), (259, 28676), (266, 28694), (274, 28727),

Gene: OliverWalter_30 Start: 27678, Stop: 28772, Start Num: 34

Candidate Starts for OliverWalter_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209, 28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: Olivio_29 Start: 27428, Stop: 28471, Start Num: 38

Candidate Starts for Olivio_29:

(Start: 20 @27323 has 1 MA's), (24, 27353), (Start: 38 @27428 has 54 MA's), (54, 27476), (70, 27542), (92, 27626), (97, 27650), (101, 27674), (105, 27698), (111, 27719), (151, 27899), (153, 27905), (155, 27917), (170, 27986), (185, 28067), (205, 28154), (207, 28169), (212, 28199), (224, 28262), (237, 28322), (239, 28340), (242, 28346), (243, 28349), (249, 28370), (256, 28400), (257, 28406), (258, 28412), (261, 28421),

Gene: Omniscient_30 Start: 27660, Stop: 28772, Start Num: 30

Candidate Starts for Omniscient_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209, 28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: Oosterbaan_30 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for Oosterbaan_30:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (91, 27888), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163, 28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209,

28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Opia_31 Start: 28915, Stop: 29964, Start Num: 41

Candidate Starts for Opia_31:

(5, 28438), (6, 28483), (8, 28558), (11, 28654), (14, 28744), (Start: 20 @28804 has 1 MA's), (24, 28834), (25, 28837), (Start: 41 @28915 has 61 MA's), (54, 28963), (64, 28996), (72, 29047), (73, 29050), (92, 29113), (97, 29137), (120, 29260), (128, 29287), (131, 29299), (141, 29335), (149, 29377), (154, 29395), (159, 29419), (163, 29443), (165, 29455), (175, 29488), (180, 29527), (187, 29566), (199, 29614), (209, 29662), (212, 29683), (213, 29695), (219, 29725), (220, 29728), (221, 29731), (232, 29785), (238, 29821), (243, 29833), (248, 29848), (249, 29854), (256, 29881), (257, 29887), (258, 29893), (261, 29902),

Gene: OrangeOswald_30 Start: 27573, Stop: 28616, Start Num: 38

Candidate Starts for OrangeOswald_30:

(Start: 20 @27468 has 1 MA's), (24, 27498), (Start: 38 @27573 has 54 MA's), (54, 27621), (70, 27687), (92, 27771), (97, 27795), (101, 27819), (105, 27843), (111, 27864), (117, 27897), (153, 28050), (155, 28062), (170, 28131), (185, 28212), (205, 28299), (207, 28314), (212, 28344), (224, 28407), (237, 28467), (239, 28485), (242, 28491), (243, 28494), (249, 28515), (256, 28545), (257, 28551), (258, 28557), (261, 28566),

Gene: Orfeu_29 Start: 27359, Stop: 28471, Start Num: 30

Candidate Starts for Orfeu_29:

(Start: 30 @27359 has 272 MA's), (Start: 34 @27377 has 8 MA's), (50, 27428), (91, 27596), (105, 27674), (125, 27764), (131, 27788), (141, 27824), (153, 27881), (156, 27896), (157, 27905), (163, 27932), (164, 27935), (170, 27962), (183, 28025), (187, 28055), (191, 28061), (207, 28145), (209, 28154), (221, 28223), (227, 28259), (229, 28265), (232, 28277), (254, 28367), (257, 28385), (259, 28394), (266, 28412), (274, 28445),

Gene: Orion_30 Start: 27649, Stop: 28761, Start Num: 30

Candidate Starts for Orion_30:

(Start: 30 @27649 has 272 MA's), (Start: 34 @27667 has 8 MA's), (50, 27718), (91, 27886), (105, 27964), (125, 28054), (131, 28078), (141, 28114), (153, 28171), (156, 28186), (157, 28195), (163, 28222), (164, 28225), (170, 28252), (183, 28315), (187, 28345), (191, 28351), (207, 28435), (209, 28444), (221, 28513), (227, 28549), (229, 28555), (232, 28567), (254, 28657), (257, 28675), (259, 28684), (266, 28702), (274, 28735),

Gene: Orwigg_29 Start: 27347, Stop: 28459, Start Num: 30

Candidate Starts for Orwigg_29:

(Start: 30 @27347 has 272 MA's), (Start: 34 @27365 has 8 MA's), (50, 27416), (91, 27584), (105, 27662), (125, 27752), (131, 27776), (141, 27812), (153, 27869), (156, 27884), (157, 27893), (163, 27920), (164, 27923), (170, 27950), (183, 28013), (187, 28043), (191, 28049), (207, 28133), (209, 28142), (221, 28211), (227, 28247), (229, 28253), (232, 28265), (254, 28355), (257, 28373), (259, 28382), (266, 28400), (274, 28433),

Gene: PG1_30 Start: 27662, Stop: 28774, Start Num: 30

Candidate Starts for PG1_30:

(Start: 30 @27662 has 272 MA's), (Start: 34 @27680 has 8 MA's), (50, 27731), (91, 27899), (105, 27977), (125, 28067), (131, 28091), (141, 28127), (153, 28184), (156, 28199), (157, 28208), (163, 28235), (164, 28238), (170, 28265), (183, 28328), (187, 28358), (191, 28364), (207, 28448), (209, 28457), (221, 28526), (227, 28562), (229, 28568), (232, 28580), (254, 28670), (257, 28688), (259, 28697), (266, 28715), (274, 28748),

Gene: PR_23 Start: 26174, Stop: 27211, Start Num: 41

Candidate Starts for PR_23:

(Start: 41 @26174 has 61 MA's), (49, 26195), (50, 26198), (54, 26222), (64, 26255), (73, 26309), (82, 26327), (86, 26330), (91, 26357), (97, 26387), (128, 26537), (141, 26585), (153, 26642), (154, 26645), (156, 26657), (159, 26669), (165, 26705), (170, 26723), (182, 26783), (183, 26786), (185, 26804), (187, 26816), (189, 26819), (197, 26855), (198, 26861), (207, 26903), (213, 26945), (225, 26999), (237, 27056), (238, 27071), (245, 27089), (248, 27098), (249, 27104), (250, 27110), (256, 27131), (257, 27137), (261, 27152), (268, 27173), (269, 27176),

Gene: Pacifista_29 Start: 27353, Stop: 28465, Start Num: 30

Candidate Starts for Pacifista_29:

(Start: 30 @27353 has 272 MA's), (Start: 34 @27371 has 8 MA's), (50, 27422), (91, 27590), (105, 27668), (125, 27758), (131, 27782), (141, 27818), (153, 27875), (156, 27890), (157, 27899), (163, 27926), (164, 27929), (170, 27956), (183, 28019), (187, 28049), (191, 28055), (207, 28139), (209, 28148), (221, 28217), (227, 28253), (229, 28259), (232, 28271), (254, 28361), (257, 28379), (259, 28388), (266, 28406), (274, 28439),

Gene: PallasAthena_30 Start: 27361, Stop: 28473, Start Num: 30

Candidate Starts for PallasAthena_30:

(Start: 30 @27361 has 272 MA's), (Start: 34 @27379 has 8 MA's), (50, 27430), (67, 27505), (91, 27598), (98, 27631), (105, 27676), (125, 27766), (131, 27790), (141, 27826), (153, 27883), (156, 27898), (157, 27907), (163, 27934), (164, 27937), (170, 27964), (183, 28027), (191, 28063), (207, 28147), (209, 28156), (221, 28225), (227, 28261), (229, 28267), (232, 28279), (254, 28369), (257, 28387), (259, 28396), (266, 28414), (274, 28447),

Gene: PenguinLover67_31 Start: 29851, Stop: 30948, Start Num: 40

Candidate Starts for PenguinLover67_31:

(24, 29773), (Start: 40 @29851 has 15 MA's), (87, 30025), (88, 30028), (117, 30178), (131, 30238), (148, 30313), (153, 30331), (157, 30355), (163, 30382), (164, 30385), (170, 30412), (183, 30475), (185, 30493), (187, 30505), (207, 30592), (209, 30601), (213, 30634), (215, 30652), (232, 30724), (236, 30742), (253, 30811), (257, 30832), (274, 30901),

Gene: Phaedrus_28 Start: 27492, Stop: 28535, Start Num: 38

Candidate Starts for Phaedrus_28:

(Start: 20 @27387 has 1 MA's), (24, 27417), (Start: 38 @27492 has 54 MA's), (54, 27540), (70, 27606), (92, 27690), (97, 27714), (101, 27738), (105, 27762), (111, 27783), (117, 27816), (153, 27969), (155, 27981), (170, 28050), (185, 28131), (205, 28218), (207, 28233), (212, 28263), (224, 28326), (237, 28386), (239, 28404), (242, 28410), (243, 28413), (249, 28434), (256, 28464), (257, 28470), (258, 28476), (261, 28485),

Gene: Phamished_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Phamished_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Phantasmagoria_31 Start: 28926, Stop: 29975, Start Num: 41

Candidate Starts for Phantasmagoria_31:

(5, 28449), (6, 28494), (8, 28569), (11, 28665), (14, 28755), (Start: 20 @28815 has 1 MA's), (24, 28845), (25, 28848), (Start: 41 @28926 has 61 MA's), (54, 28974), (64, 29007), (72, 29058), (73, 29061), (92, 29124), (97, 29148), (120, 29271), (128, 29298), (131, 29310), (141, 29346), (149,

29388), (154, 29406), (159, 29430), (163, 29454), (165, 29466), (175, 29499), (180, 29538), (187, 29577), (199, 29625), (209, 29673), (212, 29694), (213, 29706), (219, 29736), (220, 29739), (221, 29742), (232, 29796), (238, 29832), (243, 29844), (248, 29859), (249, 29865), (256, 29892), (257, 29898), (258, 29904), (261, 29913),

Gene: Phareon_30 Start: 27361, Stop: 28473, Start Num: 30

Candidate Starts for Phareon_30:

(Start: 30 @27361 has 272 MA's), (Start: 34 @27379 has 8 MA's), (50, 27430), (91, 27598), (105, 27676), (125, 27766), (131, 27790), (141, 27826), (153, 27883), (156, 27898), (157, 27907), (163, 27934), (164, 27937), (170, 27964), (183, 28027), (187, 28057), (191, 28063), (207, 28147), (209, 28156), (221, 28225), (227, 28261), (229, 28267), (232, 28279), (254, 28369), (257, 28387), (259, 28396), (266, 28414), (274, 28447),

Gene: PhatCats2014_30 Start: 27666, Stop: 28778, Start Num: 30

Candidate Starts for PhatCats2014_30:

(Start: 30 @27666 has 272 MA's), (Start: 34 @27684 has 8 MA's), (50, 27735), (91, 27903), (105, 27981), (125, 28071), (131, 28095), (141, 28131), (153, 28188), (156, 28203), (157, 28212), (163, 28239), (164, 28242), (170, 28269), (183, 28332), (187, 28362), (191, 28368), (207, 28452), (209, 28461), (221, 28530), (227, 28566), (229, 28572), (232, 28584), (254, 28674), (257, 28692), (259, 28701), (266, 28719), (274, 28752),

Gene: PhatLouie_30 Start: 27655, Stop: 28767, Start Num: 30

Candidate Starts for PhatLouie_30:

(Start: 30 @27655 has 272 MA's), (Start: 34 @27673 has 8 MA's), (50, 27724), (67, 27799), (91, 27892), (98, 27925), (105, 27970), (125, 28060), (131, 28084), (141, 28120), (153, 28177), (156, 28192), (157, 28201), (163, 28228), (164, 28231), (170, 28258), (183, 28321), (191, 28357), (207, 28441), (209, 28450), (221, 28519), (227, 28555), (229, 28561), (232, 28573), (254, 28663), (257, 28681), (259, 28690), (266, 28708), (274, 28741),

Gene: Phayeta_30 Start: 27440, Stop: 28483, Start Num: 38

Candidate Starts for Phayeta_30:

(Start: 20 @27335 has 1 MA's), (24, 27365), (Start: 38 @27440 has 54 MA's), (54, 27488), (70, 27554), (92, 27638), (97, 27662), (101, 27686), (105, 27710), (111, 27731), (117, 27764), (153, 27917), (155, 27929), (170, 27998), (185, 28079), (205, 28166), (207, 28181), (212, 28211), (224, 28274), (237, 28334), (239, 28352), (242, 28358), (243, 28361), (249, 28382), (256, 28412), (257, 28418), (258, 28424), (261, 28433),

Gene: Phelemich_29 Start: 28146, Stop: 29234, Start Num: 36

Candidate Starts for Phelemich_29:

(15, 28002), (18, 28035), (22, 28068), (Start: 36 @28146 has 10 MA's), (39, 28155), (85, 28326), (91, 28356), (92, 28362), (99, 28404), (113, 28467), (131, 28548), (153, 28641), (160, 28674), (164, 28695), (177, 28743), (185, 28803), (187, 28815), (191, 28821), (192, 28827), (196, 28842), (198, 28860), (215, 28962), (224, 28995), (231, 29031), (238, 29070), (243, 29082), (249, 29103), (257, 29142), (260, 29154), (262, 29160), (281, 29214),

Gene: PhenghisKhan_29 Start: 27261, Stop: 28373, Start Num: 30

Candidate Starts for PhenghisKhan_29:

(Start: 30 @27261 has 272 MA's), (Start: 34 @27279 has 8 MA's), (50, 27330), (67, 27405), (91, 27498), (98, 27531), (105, 27576), (125, 27666), (131, 27690), (141, 27726), (153, 27783), (156, 27798), (157, 27807), (163, 27834), (164, 27837), (170, 27864), (183, 27927), (191, 27963), (207, 28047), (209, 28056), (221, 28125), (227, 28161), (229, 28167), (232, 28179), (254, 28269), (257, 28287), (259, 28296), (266, 28314), (274, 28347),

Gene: Pherdinand_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Pherdinand_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Phergie_29 Start: 27252, Stop: 28364, Start Num: 30

Candidate Starts for Phergie_29:

(Start: 30 @27252 has 272 MA's), (Start: 34 @27270 has 8 MA's), (50, 27321), (67, 27396), (91, 27489), (98, 27522), (105, 27567), (125, 27657), (131, 27681), (141, 27717), (153, 27774), (156, 27789), (157, 27798), (163, 27825), (164, 27828), (170, 27855), (183, 27918), (191, 27954), (207, 28038), (209, 28047), (221, 28116), (227, 28152), (229, 28158), (232, 28170), (254, 28260), (257, 28278), (259, 28287), (266, 28305), (274, 28338),

Gene: Philly_29 Start: 27427, Stop: 28470, Start Num: 38

Candidate Starts for Philly_29:

(Start: 20 @27322 has 1 MA's), (24, 27352), (Start: 38 @27427 has 54 MA's), (54, 27475), (70, 27541), (92, 27625), (97, 27649), (105, 27697), (111, 27718), (151, 27898), (153, 27904), (155, 27916), (170, 27985), (185, 28066), (205, 28153), (207, 28168), (212, 28198), (224, 28261), (237, 28321), (239, 28339), (242, 28345), (243, 28348), (249, 28369), (256, 28399), (257, 28405), (258, 28411), (261, 28420),

Gene: Phipps_30 Start: 27627, Stop: 28739, Start Num: 30

Candidate Starts for Phipps_30:

(Start: 30 @27627 has 272 MA's), (Start: 34 @27645 has 8 MA's), (50, 27696), (91, 27864), (105, 27942), (125, 28032), (131, 28056), (141, 28092), (153, 28149), (156, 28164), (157, 28173), (163, 28200), (164, 28203), (170, 28230), (183, 28293), (187, 28323), (191, 28329), (207, 28413), (209, 28422), (221, 28491), (227, 28527), (229, 28533), (232, 28545), (254, 28635), (257, 28653), (259, 28662), (266, 28680), (274, 28713),

Gene: Phleuron_29 Start: 27258, Stop: 28370, Start Num: 30

Candidate Starts for Phleuron_29:

(Start: 30 @27258 has 272 MA's), (Start: 34 @27276 has 8 MA's), (50, 27327), (67, 27402), (91, 27495), (98, 27528), (105, 27573), (125, 27663), (131, 27687), (141, 27723), (153, 27780), (156, 27795), (157, 27804), (163, 27831), (164, 27834), (170, 27861), (183, 27924), (191, 27960), (207, 28044), (209, 28053), (221, 28122), (227, 28158), (229, 28164), (232, 28176), (254, 28266), (257, 28284), (259, 28293), (266, 28311), (274, 28344),

Gene: Phlyer_30 Start: 28308, Stop: 29351, Start Num: 38

Candidate Starts for Phlyer_30:

(Start: 20 @28203 has 1 MA's), (24, 28233), (Start: 38 @28308 has 54 MA's), (54, 28356), (70, 28422), (92, 28506), (97, 28530), (105, 28578), (111, 28599), (151, 28779), (153, 28785), (155, 28797), (170, 28866), (185, 28947), (205, 29034), (207, 29049), (212, 29079), (224, 29142), (237, 29202), (239, 29220), (242, 29226), (243, 29229), (249, 29250), (256, 29280), (257, 29286), (258, 29292), (261, 29301),

Gene: PhrankReynolds_29 Start: 27258, Stop: 28370, Start Num: 30

Candidate Starts for PhrankReynolds_29:

(Start: 30 @27258 has 272 MA's), (Start: 34 @27276 has 8 MA's), (50, 27327), (67, 27402), (91, 27495), (98, 27528), (105, 27573), (125, 27663), (131, 27687), (141, 27723), (153, 27780), (156, 27795), (157, 27804), (163, 27831), (164, 27834), (170, 27861), (183, 27924), (191, 27960), (207,

28044), (209, 28053), (221, 28122), (227, 28158), (229, 28164), (232, 28176), (254, 28266), (257, 28284), (259, 28293), (266, 28311), (274, 28344),

Gene: PhrodoBaggins_29 Start: 27645, Stop: 28757, Start Num: 30

Candidate Starts for PhrodoBaggins_29:

(Start: 30 @27645 has 272 MA's), (Start: 34 @27663 has 8 MA's), (50, 27714), (91, 27882), (105, 27960), (125, 28050), (131, 28074), (141, 28110), (153, 28167), (156, 28182), (157, 28191), (163, 28218), (164, 28221), (170, 28248), (183, 28311), (187, 28341), (191, 28347), (207, 28431), (209, 28440), (221, 28509), (227, 28545), (229, 28551), (232, 28563), (254, 28653), (257, 28671), (259, 28680), (266, 28698), (274, 28731),

Gene: Phunky_30 Start: 27658, Stop: 28770, Start Num: 30

Candidate Starts for Phunky_30:

(Start: 30 @27658 has 272 MA's), (Start: 34 @27676 has 8 MA's), (50, 27727), (91, 27895), (105, 27973), (125, 28063), (131, 28087), (141, 28123), (153, 28180), (156, 28195), (157, 28204), (163, 28231), (164, 28234), (170, 28261), (183, 28324), (187, 28354), (191, 28360), (207, 28444), (209, 28453), (221, 28522), (227, 28558), (229, 28564), (232, 28576), (254, 28666), (257, 28684), (259, 28693), (266, 28711), (274, 28744),

Gene: Piglet_0029 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Piglet_0029:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Pine5_29 Start: 27152, Stop: 28177, Start Num: 41

Candidate Starts for Pine5_29:

(11, 26891), (Start: 41 @27152 has 61 MA's), (56, 27206), (70, 27266), (73, 27287), (91, 27347), (98, 27374), (124, 27506), (125, 27509), (131, 27533), (154, 27632), (159, 27656), (160, 27662), (167, 27698), (204, 27863), (219, 27953), (229, 28001), (230, 28007), (243, 28064), (248, 28079),

Gene: PinheadLarry_30 Start: 27371, Stop: 28483, Start Num: 30

Candidate Starts for PinheadLarry_30:

(Start: 30 @27371 has 272 MA's), (Start: 34 @27389 has 8 MA's), (50, 27440), (67, 27515), (91, 27608), (98, 27641), (105, 27686), (125, 27776), (131, 27800), (141, 27836), (153, 27893), (156, 27908), (157, 27917), (163, 27944), (164, 27947), (170, 27974), (183, 28037), (187, 28067), (191, 28073), (207, 28157), (209, 28166), (221, 28235), (227, 28271), (229, 28277), (232, 28289), (254, 28379), (257, 28397), (259, 28406), (266, 28424), (274, 28457),

Gene: Pinkman_29 Start: 27214, Stop: 28326, Start Num: 30

Candidate Starts for Pinkman_29:

(Start: 30 @27214 has 272 MA's), (Start: 34 @27232 has 8 MA's), (50, 27283), (67, 27358), (91, 27451), (98, 27484), (105, 27529), (125, 27619), (131, 27643), (141, 27679), (153, 27736), (156, 27751), (157, 27760), (163, 27787), (164, 27790), (170, 27817), (183, 27880), (191, 27916), (207, 28000), (209, 28009), (221, 28078), (227, 28114), (229, 28120), (232, 28132), (254, 28222), (257, 28240), (259, 28249), (266, 28267), (274, 28300),

Gene: Pipefish_31 Start: 28965, Stop: 30008, Start Num: 38

Candidate Starts for Pipefish_31:

(Start: 20 @28860 has 1 MA's), (24, 28890), (Start: 38 @28965 has 54 MA's), (54, 29013), (70, 29079), (92, 29163), (97, 29187), (101, 29211), (105, 29235), (111, 29256), (151, 29436), (153, 29442), (155,

29454), (170, 29523), (185, 29604), (205, 29691), (207, 29706), (212, 29736), (224, 29799), (237, 29859), (242, 29883), (243, 29886), (249, 29907), (256, 29937), (257, 29943), (258, 29949), (261, 29958),

Gene: Pipsqueak_30 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for Pipsqueak_30:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: Placalicious_29 Start: 27349, Stop: 28461, Start Num: 30

Candidate Starts for Placalicious_29:

(Start: 30 @27349 has 272 MA's), (Start: 34 @27367 has 8 MA's), (50, 27418), (67, 27493), (91, 27586), (98, 27619), (105, 27664), (125, 27754), (131, 27778), (141, 27814), (153, 27871), (156, 27886), (157, 27895), (163, 27922), (164, 27925), (170, 27952), (183, 28015), (187, 28045), (189, 28048), (191, 28051), (207, 28135), (209, 28144), (221, 28213), (227, 28249), (229, 28255), (232, 28267), (254, 28357), (257, 28375), (259, 28384), (266, 28402), (274, 28435),

Gene: Plata_30 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for Plata_30:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (67, 27514), (91, 27607), (98, 27640), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (189, 28069), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: Plmatters_30 Start: 27654, Stop: 28766, Start Num: 30

Candidate Starts for Plmatters_30:

(Start: 30 @27654 has 272 MA's), (Start: 34 @27672 has 8 MA's), (50, 27723), (91, 27891), (105, 27969), (125, 28059), (131, 28083), (141, 28119), (153, 28176), (156, 28191), (157, 28200), (163, 28227), (164, 28230), (170, 28257), (183, 28320), (187, 28350), (191, 28356), (207, 28440), (209, 28449), (221, 28518), (227, 28554), (229, 28560), (232, 28572), (254, 28662), (257, 28680), (259, 28689), (266, 28707), (274, 28740),

Gene: Podrick_30 Start: 27646, Stop: 28758, Start Num: 30

Candidate Starts for Podrick_30:

(Start: 30 @27646 has 272 MA's), (Start: 34 @27664 has 8 MA's), (50, 27715), (91, 27883), (105, 27961), (125, 28051), (131, 28075), (141, 28111), (153, 28168), (156, 28183), (157, 28192), (163, 28219), (164, 28222), (170, 28249), (183, 28312), (187, 28342), (191, 28348), (207, 28432), (209, 28441), (221, 28510), (227, 28546), (229, 28552), (232, 28564), (254, 28654), (257, 28672), (259, 28681), (266, 28699), (274, 28732),

Gene: Pops_30 Start: 27666, Stop: 28778, Start Num: 30

Candidate Starts for Pops_30:

(Start: 30 @27666 has 272 MA's), (Start: 34 @27684 has 8 MA's), (50, 27735), (67, 27810), (91, 27903), (98, 27936), (105, 27981), (125, 28071), (131, 28095), (141, 28131), (153, 28188), (156, 28203), (157, 28212), (163, 28239), (164, 28242), (170, 28269), (183, 28332), (187, 28362), (191, 28368), (207, 28452), (209, 28461), (221, 28530), (227, 28566), (229, 28572), (232, 28584), (254, 28674), (257, 28692), (259, 28701), (266, 28719), (274, 28752),

Gene: Poster_26 Start: 26868, Stop: 27944, Start Num: 42

Candidate Starts for Poster_26:

(Start: 42 @26868 has 29 MA's), (47, 26877), (88, 27045), (97, 27102), (110, 27165), (117, 27204), (125, 27240), (131, 27264), (141, 27300), (153, 27357), (156, 27372), (159, 27384), (163, 27408), (164, 27411), (175, 27453), (183, 27501), (186, 27522), (187, 27531), (191, 27537), (207, 27618), (210, 27636), (215, 27678), (217, 27687), (224, 27711), (232, 27750), (236, 27768), (238, 27786), (243, 27798), (257, 27858), (259, 27867),

Gene: Potter_29 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for Potter_29:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (91, 27607), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: Prickles_30 Start: 27646, Stop: 28758, Start Num: 30

Candidate Starts for Prickles_30:

(Start: 30 @27646 has 272 MA's), (Start: 34 @27664 has 8 MA's), (50, 27715), (91, 27883), (105, 27961), (125, 28051), (131, 28075), (141, 28111), (153, 28168), (156, 28183), (157, 28192), (163, 28219), (164, 28222), (170, 28249), (183, 28312), (187, 28342), (191, 28348), (207, 28432), (209, 28441), (221, 28510), (227, 28546), (229, 28552), (232, 28564), (254, 28654), (257, 28672), (259, 28681), (266, 28699), (274, 28732),

Gene: Prince_27 Start: 28051, Stop: 29127, Start Num: 42

Candidate Starts for Prince_27:

(Start: 42 @28051 has 29 MA's), (47, 28060), (88, 28228), (97, 28285), (110, 28348), (113, 28366), (117, 28387), (125, 28423), (131, 28447), (141, 28483), (153, 28540), (156, 28555), (159, 28567), (163, 28591), (164, 28594), (175, 28636), (183, 28684), (186, 28705), (187, 28714), (191, 28720), (207, 28801), (210, 28819), (215, 28861), (217, 28870), (224, 28894), (232, 28933), (236, 28951), (238, 28969), (243, 28981), (257, 29041), (259, 29050),

Gene: PrinceCharming_31 Start: 29032, Stop: 30081, Start Num: 41

Candidate Starts for PrinceCharming_31:

(5, 28555), (6, 28600), (8, 28675), (11, 28771), (14, 28861), (Start: 20 @28921 has 1 MA's), (24, 28951), (25, 28954), (Start: 41 @29032 has 61 MA's), (54, 29080), (64, 29113), (72, 29164), (73, 29167), (92, 29230), (97, 29254), (120, 29377), (128, 29404), (131, 29416), (141, 29452), (149, 29494), (154, 29512), (159, 29536), (163, 29560), (165, 29572), (175, 29605), (180, 29644), (187, 29683), (199, 29731), (209, 29779), (212, 29800), (213, 29812), (220, 29845), (221, 29848), (232, 29902), (238, 29938), (243, 29950), (248, 29965), (249, 29971), (256, 29998), (257, 30004), (258, 30010), (261, 30019),

Gene: ProfessorX_30 Start: 27641, Stop: 28753, Start Num: 30

Candidate Starts for ProfessorX_30:

(Start: 30 @27641 has 272 MA's), (Start: 34 @27659 has 8 MA's), (50, 27710), (91, 27878), (105, 27956), (125, 28046), (131, 28070), (141, 28106), (153, 28163), (156, 28178), (157, 28187), (163, 28214), (164, 28217), (170, 28244), (183, 28307), (187, 28337), (191, 28343), (207, 28427), (209, 28436), (221, 28505), (227, 28541), (229, 28547), (232, 28559), (254, 28649), (257, 28667), (259, 28676), (266, 28694), (274, 28727),

Gene: Puhltonio_30 Start: 27661, Stop: 28773, Start Num: 30

Candidate Starts for Puhltonio_30:

(Start: 30 @27661 has 272 MA's), (Start: 34 @27679 has 8 MA's), (50, 27730), (91, 27898), (105, 27976), (125, 28066), (131, 28090), (141, 28126), (153, 28183), (156, 28198), (157, 28207), (163,

28234), (164, 28237), (170, 28264), (183, 28327), (187, 28357), (191, 28363), (207, 28447), (209, 28456), (221, 28525), (227, 28561), (229, 28567), (232, 28579), (254, 28669), (257, 28687), (259, 28696), (266, 28714), (274, 28747),

Gene: Purplicious_57 Start: 36704, Stop: 37852, Start Num: 40

Candidate Starts for Purplicious_57:

(Start: 40 @36704 has 15 MA's), (51, 36740), (61, 36785), (63, 36791), (65, 36800), (112, 36998), (123, 37055), (129, 37076), (136, 37106), (145, 37151), (146, 37157), (154, 37184), (156, 37196), (159, 37208), (166, 37247), (180, 37316), (183, 37325), (186, 37346), (193, 37376), (211, 37466), (246, 37637), (251, 37658), (252, 37664), (256, 37685), (257, 37691), (259, 37700),

Gene: QueenBeane_30 Start: 27652, Stop: 28764, Start Num: 30

Candidate Starts for QueenBeane_30:

(Start: 30 @27652 has 272 MA's), (Start: 34 @27670 has 8 MA's), (50, 27721), (91, 27889), (105, 27967), (125, 28057), (131, 28081), (141, 28117), (153, 28174), (156, 28189), (157, 28198), (163, 28225), (164, 28228), (170, 28255), (183, 28318), (187, 28348), (191, 28354), (207, 28438), (209, 28447), (221, 28516), (227, 28552), (229, 28558), (232, 28570), (254, 28660), (257, 28678), (259, 28687), (266, 28705), (274, 28738),

Gene: QueenPie_26 Start: 27992, Stop: 29068, Start Num: 42

Candidate Starts for QueenPie_26:

(Start: 42 @27992 has 29 MA's), (47, 28001), (73, 28130), (88, 28169), (97, 28226), (110, 28289), (117, 28328), (125, 28364), (131, 28388), (141, 28424), (153, 28481), (156, 28496), (159, 28508), (163, 28532), (164, 28535), (175, 28577), (183, 28625), (186, 28646), (187, 28655), (191, 28661), (207, 28742), (210, 28760), (215, 28802), (217, 28811), (224, 28835), (232, 28874), (236, 28892), (238, 28910), (243, 28922), (244, 28925), (257, 28982), (259, 28991),

Gene: Quesadilla_30 Start: 29746, Stop: 30834, Start Num: 44

Candidate Starts for Quesadilla_30:

(Start: 44 @29746 has 1 MA's), (54, 29794), (55, 29797), (88, 29920), (117, 30070), (131, 30130), (141, 30166), (148, 30205), (156, 30238), (157, 30247), (159, 30250), (163, 30274), (164, 30277), (175, 30319), (183, 30367), (187, 30397), (191, 30403), (197, 30436), (207, 30484), (210, 30502), (215, 30544), (232, 30616), (242, 30661), (248, 30679), (256, 30718), (257, 30724), (270, 30775),

Gene: Quisquiliae_30 Start: 27680, Stop: 28792, Start Num: 30

Candidate Starts for Quisquiliae_30:

(Start: 30 @27680 has 272 MA's), (Start: 34 @27698 has 8 MA's), (50, 27749), (91, 27917), (105, 27995), (125, 28085), (131, 28109), (141, 28145), (153, 28202), (156, 28217), (157, 28226), (163, 28253), (164, 28256), (170, 28283), (183, 28346), (187, 28376), (191, 28382), (207, 28466), (209, 28475), (221, 28544), (227, 28580), (229, 28586), (232, 28598), (254, 28688), (257, 28706), (259, 28715), (266, 28733), (274, 28766),

Gene: Qyrzula_29 Start: 29010, Stop: 30059, Start Num: 41

Candidate Starts for Qyrzula_29:

(5, 28533), (6, 28578), (8, 28653), (11, 28749), (14, 28839), (Start: 20 @28899 has 1 MA's), (24, 28929), (25, 28932), (Start: 41 @29010 has 61 MA's), (54, 29058), (64, 29091), (72, 29142), (73, 29145), (92, 29208), (97, 29232), (120, 29355), (128, 29382), (131, 29394), (141, 29430), (149, 29472), (154, 29490), (159, 29514), (163, 29538), (165, 29550), (175, 29583), (180, 29622), (187, 29661), (199, 29709), (209, 29757), (212, 29778), (213, 29790), (220, 29823), (221, 29826), (232, 29880), (238, 29916), (243, 29928), (248, 29943), (249, 29949), (256, 29976), (257, 29982), (258, 29988), (261, 29997),

Gene: RagingRooster_30 Start: 27574, Stop: 28617, Start Num: 38

Candidate Starts for RagingRooster_30:

(Start: 20 @27469 has 1 MA's), (24, 27499), (Start: 38 @27574 has 54 MA's), (54, 27622), (70, 27688), (92, 27772), (97, 27796), (101, 27820), (105, 27844), (111, 27865), (117, 27898), (153, 28051), (155, 28063), (170, 28132), (185, 28213), (205, 28300), (207, 28315), (212, 28345), (224, 28408), (237, 28468), (239, 28486), (242, 28492), (243, 28495), (249, 28516), (256, 28546), (257, 28552), (258, 28558), (261, 28567),

Gene: RainyPolka_23 Start: 22064, Stop: 23092, Start Num: 46

Candidate Starts for RainyPolka_23:

(Start: 46 @22064 has 10 MA's), (58, 22121), (68, 22163), (69, 22166), (71, 22190), (75, 22202), (102, 22310), (105, 22331), (106, 22334), (115, 22376), (122, 22412), (127, 22430), (141, 22484), (143, 22496), (168, 22607), (169, 22610), (188, 22712), (190, 22715), (196, 22748), (203, 22787), (215, 22868), (227, 22919), (232, 22937), (235, 22952), (248, 22997), (252, 23018), (263, 23048), (272, 23081), (274, 23084),

Gene: RawrgerThat_27 Start: 27894, Stop: 28970, Start Num: 42

Candidate Starts for RawrgerThat_27:

(Start: 42 @27894 has 29 MA's), (47, 27903), (73, 28032), (88, 28071), (97, 28128), (110, 28191), (117, 28230), (125, 28266), (131, 28290), (141, 28326), (153, 28383), (156, 28398), (159, 28410), (163, 28434), (164, 28437), (175, 28479), (183, 28527), (186, 28548), (187, 28557), (191, 28563), (207, 28644), (210, 28662), (215, 28704), (217, 28713), (224, 28737), (232, 28776), (236, 28794), (238, 28812), (243, 28824), (257, 28884), (259, 28893),

Gene: Reccee_30 Start: 28076, Stop: 29164, Start Num: 36

Candidate Starts for Reccee_30:

(Start: 36 @28076 has 10 MA's), (85, 28256), (91, 28286), (92, 28292), (99, 28334), (131, 28478), (153, 28571), (164, 28625), (177, 28673), (185, 28733), (187, 28745), (191, 28751), (192, 28757), (197, 28784), (215, 28892), (224, 28925), (238, 29000), (243, 29012), (257, 29072), (259, 29081), (260, 29084),

Gene: RedMaple_29 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for RedMaple_29:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: RedRaider89_30 Start: 27879, Stop: 28991, Start Num: 30

Candidate Starts for RedRaider89_30:

(Start: 30 @27879 has 272 MA's), (Start: 34 @27897 has 8 MA's), (50, 27948), (91, 28116), (105, 28194), (125, 28284), (131, 28308), (141, 28344), (153, 28401), (156, 28416), (157, 28425), (163, 28452), (164, 28455), (170, 28482), (183, 28545), (187, 28575), (191, 28581), (207, 28665), (209, 28674), (221, 28743), (227, 28779), (229, 28785), (232, 28797), (254, 28887), (257, 28905), (259, 28914), (266, 28932), (274, 28965),

Gene: Renkei_26 Start: 26899, Stop: 27975, Start Num: 42

Candidate Starts for Renkei_26:

(Start: 42 @26899 has 29 MA's), (47, 26908), (73, 27037), (88, 27076), (97, 27133), (110, 27196), (117, 27235), (125, 27271), (131, 27295), (141, 27331), (153, 27388), (156, 27403), (159, 27415), (163, 27439), (164, 27442), (175, 27484), (183, 27532), (187, 27562), (191, 27568), (207, 27649), (210, 27667), (215, 27709), (217, 27718), (224, 27742), (232, 27781), (236, 27799), (238, 27817), (243, 27829), (257, 27889), (259, 27898),

Gene: Reprobate_29 Start: 28151, Stop: 29239, Start Num: 36

Candidate Starts for Reprobate_29:

(15, 28007), (18, 28040), (22, 28073), (Start: 36 @28151 has 10 MA's), (39, 28160), (85, 28331), (91, 28361), (92, 28367), (99, 28409), (113, 28472), (131, 28553), (153, 28646), (160, 28679), (164, 28700), (177, 28748), (185, 28808), (187, 28820), (191, 28826), (192, 28832), (196, 28847), (198, 28865), (215, 28967), (224, 29000), (231, 29036), (238, 29075), (243, 29087), (249, 29108), (257, 29147), (260, 29159), (262, 29165), (281, 29219),

Gene: Rhinoforte_31 Start: 29035, Stop: 30084, Start Num: 41

Candidate Starts for Rhinoforte_31:

(5, 28558), (6, 28603), (8, 28678), (11, 28774), (14, 28864), (Start: 20 @28924 has 1 MA's), (24, 28954), (25, 28957), (Start: 41 @29035 has 61 MA's), (54, 29083), (64, 29116), (72, 29167), (73, 29170), (92, 29233), (97, 29257), (120, 29380), (128, 29407), (131, 29419), (141, 29455), (149, 29497), (154, 29515), (159, 29539), (163, 29563), (165, 29575), (175, 29608), (180, 29647), (187, 29686), (199, 29734), (209, 29782), (212, 29803), (213, 29815), (220, 29848), (221, 29851), (232, 29905), (238, 29941), (243, 29953), (248, 29968), (249, 29974), (256, 30001), (257, 30007), (258, 30013), (261, 30022),

Gene: Rich_28 Start: 27637, Stop: 28725, Start Num: 36

Candidate Starts for Rich_28:

(33, 27625), (Start: 36 @27637 has 10 MA's), (85, 27817), (91, 27847), (92, 27853), (99, 27895), (131, 28039), (153, 28132), (164, 28186), (177, 28234), (185, 28294), (187, 28306), (191, 28312), (192, 28318), (215, 28453), (224, 28486), (231, 28522), (238, 28561), (243, 28573), (257, 28633), (259, 28642), (260, 28645), (280, 28702),

Gene: Ricotta_29 Start: 27379, Stop: 28491, Start Num: 30

Candidate Starts for Ricotta_29:

(Start: 30 @27379 has 272 MA's), (Start: 34 @27397 has 8 MA's), (50, 27448), (91, 27616), (105, 27694), (125, 27784), (131, 27808), (141, 27844), (153, 27901), (156, 27916), (157, 27925), (163, 27952), (164, 27955), (170, 27982), (183, 28045), (187, 28075), (191, 28081), (207, 28165), (209, 28174), (221, 28243), (227, 28279), (229, 28285), (232, 28297), (254, 28387), (257, 28405), (259, 28414), (266, 28432), (274, 28465),

Gene: Riggan_30 Start: 27638, Stop: 28750, Start Num: 30

Candidate Starts for Riggan_30:

(Start: 30 @27638 has 272 MA's), (Start: 34 @27656 has 8 MA's), (50, 27707), (91, 27875), (105, 27953), (125, 28043), (131, 28067), (141, 28103), (153, 28160), (156, 28175), (157, 28184), (163, 28211), (164, 28214), (170, 28241), (183, 28304), (187, 28334), (191, 28340), (207, 28424), (209, 28433), (221, 28502), (227, 28538), (229, 28544), (232, 28556), (254, 28646), (257, 28664), (259, 28673), (266, 28691), (274, 28724),

Gene: Rimu_30 Start: 27387, Stop: 28499, Start Num: 30

Candidate Starts for Rimu_30:

(Start: 30 @27387 has 272 MA's), (Start: 34 @27405 has 8 MA's), (50, 27456), (67, 27531), (91, 27624), (98, 27657), (105, 27702), (125, 27792), (131, 27816), (141, 27852), (153, 27909), (156, 27924), (157, 27933), (163, 27960), (164, 27963), (170, 27990), (183, 28053), (191, 28089), (207, 28173), (209, 28182), (221, 28251), (227, 28287), (229, 28293), (232, 28305), (254, 28395), (257, 28413), (259, 28422), (266, 28440), (274, 28473),

Gene: Rinkes_32 Start: 30257, Stop: 31336, Start Num: 42

Candidate Starts for Rinkes_32:

(13, 30059), (19, 30140), (31, 30221), (Start: 42 @30257 has 29 MA's), (47, 30266), (50, 30284), (52, 30290), (54, 30308), (55, 30311), (71, 30389), (88, 30434), (92, 30458), (97, 30482), (107, 30536), (127, 30629), (131, 30644), (148, 30719), (149, 30722), (153, 30737), (157, 30761), (159, 30764), (163, 30788), (164, 30791), (178, 30842), (179, 30860), (183, 30881), (187, 30911), (191, 30917), (206, 30989), (207, 30998), (210, 31016), (213, 31040), (215, 31058), (224, 31091), (227, 31112), (231, 31127), (232, 31130), (243, 31178), (255, 31226), (257, 31238), (259, 31247), (283, 31313),

Gene: Rita130_29 Start: 27896, Stop: 28984, Start Num: 36

Candidate Starts for Rita130_29:

(Start: 36 @27896 has 10 MA's), (85, 28076), (91, 28106), (92, 28112), (99, 28154), (105, 28184), (131, 28298), (153, 28391), (164, 28445), (177, 28493), (185, 28553), (187, 28565), (191, 28571), (192, 28577), (197, 28604), (215, 28712), (224, 28745), (243, 28832), (257, 28892), (259, 28901), (260, 28904),

Gene: Rita1961_30 Start: 27560, Stop: 28603, Start Num: 38

Candidate Starts for Rita1961_30:

(Start: 20 @27455 has 1 MA's), (24, 27485), (Start: 38 @27560 has 54 MA's), (54, 27608), (70, 27674), (92, 27758), (97, 27782), (101, 27806), (105, 27830), (111, 27851), (117, 27884), (153, 28037), (155, 28049), (170, 28118), (185, 28199), (205, 28286), (207, 28301), (212, 28331), (224, 28394), (237, 28454), (239, 28472), (242, 28478), (243, 28481), (249, 28502), (256, 28532), (257, 28538), (258, 28544), (261, 28553),

Gene: Riverton_29 Start: 27656, Stop: 28768, Start Num: 30

Candidate Starts for Riverton_29:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (67, 27800), (91, 27893), (98, 27926), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: Robyn_29 Start: 27220, Stop: 28332, Start Num: 30

Candidate Starts for Robyn_29:

(Start: 30 @27220 has 272 MA's), (Start: 34 @27238 has 8 MA's), (50, 27289), (91, 27457), (105, 27535), (125, 27625), (131, 27649), (153, 27742), (156, 27757), (157, 27766), (163, 27793), (164, 27796), (170, 27823), (183, 27886), (187, 27916), (191, 27922), (207, 28006), (209, 28015), (221, 28084), (227, 28120), (229, 28126), (232, 28138), (254, 28228), (257, 28246), (259, 28255), (266, 28273), (274, 28306),

Gene: Roliet_30 Start: 27648, Stop: 28760, Start Num: 30

Candidate Starts for Roliet_30:

(Start: 30 @27648 has 272 MA's), (Start: 34 @27666 has 8 MA's), (50, 27717), (67, 27792), (91, 27885), (105, 27963), (125, 28053), (131, 28077), (141, 28113), (153, 28170), (156, 28185), (157, 28194), (163, 28221), (164, 28224), (170, 28251), (183, 28314), (187, 28344), (191, 28350), (207, 28434), (209, 28443), (221, 28512), (227, 28548), (229, 28554), (232, 28566), (254, 28656), (257, 28674), (259, 28683), (266, 28701), (274, 28734),

Gene: RomaT_30 Start: 28350, Stop: 29393, Start Num: 38

Candidate Starts for RomaT_30:

(Start: 20 @28245 has 1 MA's), (24, 28275), (Start: 38 @28350 has 54 MA's), (54, 28398), (70, 28464), (92, 28548), (97, 28572), (105, 28620), (111, 28641), (153, 28827), (155, 28839), (170, 28908), (185, 28989), (205, 29076), (207, 29091), (212, 29121), (224, 29184), (237, 29244), (239, 29262), (242, 29268), (243, 29271), (249, 29292), (256, 29322), (257, 29328), (258, 29334), (261, 29343),

Gene: Roscoe_31 Start: 27886, Stop: 28998, Start Num: 30

Candidate Starts for Roscoe_31:

(Start: 30 @27886 has 272 MA's), (Start: 34 @27904 has 8 MA's), (50, 27955), (91, 28123), (105, 28201), (125, 28291), (131, 28315), (141, 28351), (153, 28408), (156, 28423), (157, 28432), (163, 28459), (164, 28462), (170, 28489), (183, 28552), (187, 28582), (191, 28588), (207, 28672), (209, 28681), (221, 28750), (227, 28786), (229, 28792), (232, 28804), (254, 28894), (257, 28912), (259, 28921), (266, 28939), (274, 28972),

Gene: Rosebush_31 Start: 29042, Stop: 30091, Start Num: 41

Candidate Starts for Rosebush_31:

(5, 28565), (6, 28610), (8, 28685), (11, 28781), (14, 28871), (Start: 20 @28931 has 1 MA's), (24, 28961), (25, 28964), (Start: 41 @29042 has 61 MA's), (54, 29090), (64, 29123), (72, 29174), (73, 29177), (92, 29240), (97, 29264), (120, 29387), (128, 29414), (131, 29426), (141, 29462), (149, 29504), (154, 29522), (159, 29546), (163, 29570), (175, 29615), (180, 29654), (187, 29693), (199, 29741), (209, 29789), (212, 29810), (213, 29822), (220, 29855), (221, 29858), (232, 29912), (238, 29948), (243, 29960), (248, 29975), (249, 29981), (256, 30008), (257, 30014), (258, 30020), (261, 30029),

Gene: Roy17_30 Start: 27352, Stop: 28464, Start Num: 30

Candidate Starts for Roy17_30:

(Start: 30 @27352 has 272 MA's), (Start: 34 @27370 has 8 MA's), (50, 27421), (91, 27589), (105, 27667), (125, 27757), (131, 27781), (141, 27817), (153, 27874), (156, 27889), (157, 27898), (163, 27925), (164, 27928), (170, 27955), (183, 28018), (187, 28048), (191, 28054), (207, 28138), (209, 28147), (221, 28216), (227, 28252), (229, 28258), (232, 28270), (254, 28360), (257, 28378), (259, 28387), (266, 28405), (274, 28438),

Gene: SDcharge11_30 Start: 27626, Stop: 28738, Start Num: 30

Candidate Starts for SDcharge11_30:

(Start: 30 @27626 has 272 MA's), (Start: 34 @27644 has 8 MA's), (50, 27695), (91, 27863), (105, 27941), (125, 28031), (131, 28055), (141, 28091), (153, 28148), (156, 28163), (157, 28172), (163, 28199), (164, 28202), (170, 28229), (183, 28292), (187, 28322), (191, 28328), (207, 28412), (209, 28421), (221, 28490), (227, 28526), (229, 28532), (232, 28544), (254, 28634), (257, 28652), (259, 28661), (266, 28679), (274, 28712),

Gene: Sabella_31 Start: 28919, Stop: 29968, Start Num: 41

Candidate Starts for Sabella_31:

(5, 28442), (6, 28487), (8, 28562), (11, 28658), (14, 28748), (Start: 20 @28808 has 1 MA's), (24, 28838), (25, 28841), (Start: 41 @28919 has 61 MA's), (54, 28967), (64, 29000), (72, 29051), (73, 29054), (92, 29117), (97, 29141), (120, 29264), (128, 29291), (131, 29303), (141, 29339), (149, 29381), (154, 29399), (159, 29423), (163, 29447), (165, 29459), (175, 29492), (180, 29531), (187, 29570), (199, 29618), (209, 29666), (212, 29687), (213, 29699), (220, 29732), (221, 29735), (232, 29789), (238, 29825), (243, 29837), (248, 29852), (249, 29858), (256, 29885), (257, 29891), (258, 29897), (261, 29906),

Gene: Saguaro_30 Start: 29871, Stop: 30962, Start Num: 40

Candidate Starts for Saguaro_30:

(Start: 40 @29871 has 15 MA's), (47, 29880), (54, 29922), (88, 30048), (91, 30066), (92, 30072), (96, 30093), (99, 30114), (131, 30258), (141, 30294), (148, 30333), (157, 30375), (159, 30378), (163, 30402), (164, 30405), (165, 30414), (175, 30447), (183, 30495), (191, 30531), (207, 30612), (209, 30621), (210, 30630), (213, 30654), (215, 30672), (224, 30705), (232, 30744), (238, 30780), (243, 30792), (248, 30807), (257, 30852), (266, 30888), (287, 30951),

Gene: Salete_22 Start: 21599, Stop: 22627, Start Num: 46

Candidate Starts for Salete_22:

(12, 21332), (26, 21521), (Start: 46 @21599 has 10 MA's), (58, 21656), (65, 21683), (68, 21698), (105, 21866), (106, 21869), (115, 21911), (122, 21947), (141, 22019), (169, 22145), (182, 22211), (188, 22247), (190, 22250), (194, 22277), (196, 22283), (203, 22322), (227, 22454), (235, 22487), (248, 22532), (252, 22553), (263, 22583), (264, 22586), (267, 22592), (272, 22616), (274, 22619),

Gene: SallyH_30 Start: 27662, Stop: 28774, Start Num: 30

Candidate Starts for SallyH_30:

(Start: 30 @27662 has 272 MA's), (Start: 34 @27680 has 8 MA's), (50, 27731), (91, 27899), (105, 27977), (125, 28067), (131, 28091), (141, 28127), (153, 28184), (156, 28199), (157, 28208), (163, 28235), (164, 28238), (170, 28265), (183, 28328), (187, 28358), (191, 28364), (207, 28448), (209, 28457), (221, 28526), (227, 28562), (229, 28568), (232, 28580), (254, 28670), (257, 28688), (259, 28697), (266, 28715), (274, 28748),

Gene: Samaymay_30 Start: 27652, Stop: 28764, Start Num: 30

Candidate Starts for Samaymay_30:

(Start: 30 @27652 has 272 MA's), (Start: 34 @27670 has 8 MA's), (50, 27721), (91, 27889), (105, 27967), (125, 28057), (131, 28081), (141, 28117), (153, 28174), (156, 28189), (157, 28198), (163, 28225), (164, 28228), (170, 28255), (183, 28318), (187, 28348), (191, 28354), (207, 28438), (209, 28447), (221, 28516), (227, 28552), (229, 28558), (232, 28570), (254, 28660), (257, 28678), (259, 28687), (266, 28705), (274, 28738),

Gene: SassyCat97_29 Start: 27358, Stop: 28470, Start Num: 30

Candidate Starts for SassyCat97_29:

(Start: 30 @27358 has 272 MA's), (Start: 34 @27376 has 8 MA's), (50, 27427), (91, 27595), (105, 27673), (125, 27763), (131, 27787), (141, 27823), (153, 27880), (156, 27895), (157, 27904), (163, 27931), (164, 27934), (170, 27961), (183, 28024), (187, 28054), (191, 28060), (207, 28144), (209, 28153), (221, 28222), (227, 28258), (229, 28264), (232, 28276), (254, 28366), (257, 28384), (259, 28393), (266, 28411), (274, 28444),

Gene: Schadenfreude_29 Start: 27206, Stop: 28318, Start Num: 30

Candidate Starts for Schadenfreude_29:

(Start: 30 @27206 has 272 MA's), (Start: 34 @27224 has 8 MA's), (50, 27275), (91, 27443), (105, 27521), (125, 27611), (131, 27635), (141, 27671), (153, 27728), (156, 27743), (157, 27752), (163, 27779), (164, 27782), (170, 27809), (183, 27872), (187, 27902), (191, 27908), (207, 27992), (209, 28001), (221, 28070), (227, 28106), (229, 28112), (232, 28124), (254, 28214), (257, 28232), (259, 28241), (266, 28259), (274, 28292),

Gene: Schueller_29 Start: 27373, Stop: 28485, Start Num: 30

Candidate Starts for Schueller_29:

(Start: 30 @27373 has 272 MA's), (Start: 34 @27391 has 8 MA's), (50, 27442), (67, 27517), (91, 27610), (98, 27643), (105, 27688), (125, 27778), (131, 27802), (141, 27838), (153, 27895), (156, 27910), (157, 27919), (163, 27946), (164, 27949), (170, 27976), (183, 28039), (187, 28069), (191, 28075), (207, 28159), (209, 28168), (221, 28237), (227, 28273), (229, 28279), (232, 28291), (254, 28381), (257, 28399), (259, 28408), (266, 28426), (274, 28459),

Gene: Scoot17C_30 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for Scoot17C_30:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (91, 27888), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163, 28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209, 28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Scrick_30 Start: 27376, Stop: 28488, Start Num: 30

Candidate Starts for Scrick_30:

(Start: 30 @27376 has 272 MA's), (Start: 34 @27394 has 8 MA's), (50, 27445), (91, 27613), (105, 27691), (125, 27781), (131, 27805), (141, 27841), (153, 27898), (156, 27913), (157, 27922), (163, 27949), (164, 27952), (170, 27979), (183, 28042), (187, 28072), (191, 28078), (207, 28162), (209, 28171), (221, 28240), (227, 28276), (229, 28282), (232, 28294), (254, 28384), (257, 28402), (259, 28411), (266, 28429), (274, 28462),

Gene: Sejanus_26 Start: 25884, Stop: 26930, Start Num: 38

Candidate Starts for Sejanus_26:

(1, 25254), (2, 25314), (4, 25380), (5, 25413), (6, 25458), (10, 25611), (Start: 20 @25779 has 1 MA's), (24, 25809), (Start: 38 @25884 has 54 MA's), (Start: 41 @25890 has 61 MA's), (65, 25977), (70, 26004), (72, 26022), (73, 26025), (92, 26088), (105, 26160), (107, 26166), (111, 26181), (153, 26367), (155, 26379), (161, 26406), (182, 26508), (197, 26580), (198, 26586), (207, 26628), (209, 26637), (212, 26658), (221, 26706), (224, 26721), (228, 26745), (234, 26769), (239, 26799), (243, 26808), (248, 26823), (257, 26862), (261, 26877),

Gene: Selr12_30 Start: 27380, Stop: 28492, Start Num: 30

Candidate Starts for Selr12_30:

(Start: 30 @27380 has 272 MA's), (Start: 34 @27398 has 8 MA's), (50, 27449), (91, 27617), (105, 27695), (125, 27785), (131, 27809), (141, 27845), (153, 27902), (156, 27917), (157, 27926), (163, 27953), (164, 27956), (170, 27983), (183, 28046), (187, 28076), (191, 28082), (207, 28166), (209, 28175), (221, 28244), (227, 28280), (229, 28286), (232, 28298), (254, 28388), (257, 28406), (259, 28415), (266, 28433), (274, 28466),

Gene: Serendipitous_28 Start: 27700, Stop: 28785, Start Num: 36

Candidate Starts for Serendipitous_28:

(Start: 36 @27700 has 10 MA's), (91, 27907), (92, 27913), (99, 27955), (105, 27985), (131, 28099), (153, 28192), (164, 28246), (177, 28294), (185, 28354), (187, 28366), (191, 28372), (192, 28378), (196, 28393), (197, 28405), (215, 28513), (238, 28621), (243, 28633), (257, 28693), (259, 28702),

Gene: Serendipity_30 Start: 27676, Stop: 28788, Start Num: 30

Candidate Starts for Serendipity_30:

(Start: 30 @27676 has 272 MA's), (Start: 34 @27694 has 8 MA's), (50, 27745), (91, 27913), (105, 27991), (125, 28081), (131, 28105), (141, 28141), (153, 28198), (156, 28213), (157, 28222), (163, 28249), (164, 28252), (170, 28279), (183, 28342), (187, 28372), (191, 28378), (207, 28462), (209, 28471), (221, 28540), (227, 28576), (229, 28582), (232, 28594), (254, 28684), (257, 28702), (259, 28711), (266, 28729), (274, 28762),

Gene: Serpentine_0030 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Serpentine_0030:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: ShadowBud_30 Start: 27677, Stop: 28789, Start Num: 30

Candidate Starts for ShadowBud_30:

(Start: 30 @27677 has 272 MA's), (Start: 34 @27695 has 8 MA's), (50, 27746), (91, 27914), (105, 27992), (125, 28082), (131, 28106), (141, 28142), (153, 28199), (156, 28214), (157, 28223), (163, 28250), (164, 28253), (170, 28280), (183, 28343), (187, 28373), (191, 28379), (207, 28463), (209,

28472), (221, 28541), (227, 28577), (229, 28583), (232, 28595), (254, 28685), (257, 28703), (259, 28712), (266, 28730), (274, 28763),

Gene: Shatter_26 Start: 25044, Stop: 26081, Start Num: 40

Candidate Starts for Shatter_26:

(Start: 38 @25041 has 54 MA's), (Start: 40 @25044 has 15 MA's), (70, 25158), (87, 25206), (92, 25233), (103, 25287), (128, 25407), (131, 25419), (141, 25455), (156, 25527), (159, 25539), (165, 25575), (167, 25581), (170, 25593), (183, 25656), (207, 25773), (227, 25887), (243, 25953), (248, 25968), (249, 25974), (255, 26001), (266, 26031), (282, 26070),

Gene: Sheila_30 Start: 27646, Stop: 28758, Start Num: 30

Candidate Starts for Sheila_30:

(Start: 30 @27646 has 272 MA's), (Start: 34 @27664 has 8 MA's), (50, 27715), (91, 27883), (105, 27961), (125, 28051), (131, 28075), (141, 28111), (153, 28168), (156, 28183), (157, 28192), (163, 28219), (164, 28222), (170, 28249), (183, 28312), (187, 28342), (191, 28348), (207, 28432), (209, 28441), (221, 28510), (227, 28546), (229, 28552), (232, 28564), (254, 28654), (257, 28672), (259, 28681), (266, 28699), (274, 28732),

Gene: Shenandoah_30 Start: 27549, Stop: 28592, Start Num: 38

Candidate Starts for Shenandoah_30:

(Start: 20 @27444 has 1 MA's), (24, 27474), (Start: 38 @27549 has 54 MA's), (54, 27597), (70, 27663), (92, 27747), (97, 27771), (101, 27795), (105, 27819), (111, 27840), (117, 27873), (151, 28020), (153, 28026), (155, 28038), (170, 28107), (185, 28188), (205, 28275), (207, 28290), (212, 28320), (224, 28383), (237, 28443), (239, 28461), (242, 28467), (243, 28470), (249, 28491), (256, 28521), (257, 28527), (258, 28533), (261, 28542),

Gene: Shenyu_29 Start: 27852, Stop: 28937, Start Num: 36

Candidate Starts for Shenyu_29:

(Start: 36 @27852 has 10 MA's), (91, 28059), (92, 28065), (96, 28086), (97, 28089), (99, 28107), (105, 28137), (131, 28251), (153, 28344), (164, 28398), (177, 28446), (185, 28506), (187, 28518), (191, 28524), (192, 28530), (196, 28545), (198, 28563), (215, 28665), (221, 28683), (231, 28734), (238, 28773), (243, 28785), (248, 28800), (257, 28845), (259, 28854),

Gene: ShiVal_30 Start: 27650, Stop: 28762, Start Num: 30

Candidate Starts for ShiVal_30:

(Start: 30 @27650 has 272 MA's), (Start: 34 @27668 has 8 MA's), (50, 27719), (91, 27887), (105, 27965), (125, 28055), (131, 28079), (141, 28115), (153, 28172), (156, 28187), (157, 28196), (163, 28223), (164, 28226), (170, 28253), (183, 28316), (187, 28346), (191, 28352), (207, 28436), (209, 28445), (221, 28514), (227, 28550), (229, 28556), (232, 28568), (254, 28658), (257, 28676), (259, 28685), (266, 28703), (274, 28736),

Gene: Sigman_30 Start: 27642, Stop: 28754, Start Num: 30

Candidate Starts for Sigman_30:

(Start: 30 @27642 has 272 MA's), (Start: 34 @27660 has 8 MA's), (50, 27711), (91, 27879), (105, 27957), (125, 28047), (131, 28071), (141, 28107), (153, 28164), (156, 28179), (157, 28188), (163, 28215), (164, 28218), (170, 28245), (183, 28308), (187, 28338), (191, 28344), (207, 28428), (209, 28437), (221, 28506), (227, 28542), (229, 28548), (232, 28560), (254, 28650), (257, 28668), (259, 28677), (266, 28695), (274, 28728),

Gene: SilverBell_30 Start: 27672, Stop: 28784, Start Num: 30

Candidate Starts for SilverBell_30:

(Start: 30 @27672 has 272 MA's), (Start: 34 @27690 has 8 MA's), (50, 27741), (91, 27909), (105, 27987), (125, 28077), (131, 28101), (141, 28137), (153, 28194), (156, 28209), (157, 28218), (163,

28245), (164, 28248), (170, 28275), (183, 28338), (187, 28368), (191, 28374), (207, 28458), (209, 28467), (221, 28536), (227, 28572), (229, 28578), (232, 28590), (254, 28680), (257, 28698), (259, 28707), (266, 28725), (274, 28758),

Gene: Simielle_29 Start: 27345, Stop: 28457, Start Num: 30

Candidate Starts for Simielle_29:

(Start: 30 @27345 has 272 MA's), (Start: 34 @27363 has 8 MA's), (50, 27414), (91, 27582), (105, 27660), (125, 27750), (131, 27774), (141, 27810), (153, 27867), (156, 27882), (157, 27891), (163, 27918), (164, 27921), (170, 27948), (183, 28011), (187, 28041), (191, 28047), (207, 28131), (209, 28140), (221, 28209), (227, 28245), (229, 28251), (232, 28263), (254, 28353), (257, 28371), (259, 28380), (266, 28398), (274, 28431),

Gene: SirBeauregard_30 Start: 27349, Stop: 28461, Start Num: 30

Candidate Starts for SirBeauregard_30:

(Start: 30 @27349 has 272 MA's), (Start: 34 @27367 has 8 MA's), (50, 27418), (91, 27586), (105, 27664), (125, 27754), (131, 27778), (141, 27814), (153, 27871), (156, 27886), (157, 27895), (163, 27922), (164, 27925), (170, 27952), (183, 28015), (187, 28045), (191, 28051), (207, 28135), (209, 28144), (221, 28213), (227, 28249), (229, 28255), (232, 28267), (254, 28357), (257, 28375), (259, 28384), (266, 28402), (274, 28435),

Gene: SirJeffery_29 Start: 27895, Stop: 28983, Start Num: 36

Candidate Starts for SirJeffery_29:

(Start: 36 @27895 has 10 MA's), (85, 28075), (91, 28105), (92, 28111), (99, 28153), (105, 28183), (131, 28297), (153, 28390), (164, 28444), (177, 28492), (185, 28552), (187, 28564), (191, 28570), (192, 28576), (197, 28603), (215, 28711), (224, 28744), (243, 28831), (257, 28891), (259, 28900), (260, 28903),

Gene: Sisko_26 Start: 25527, Stop: 26567, Start Num: 41

Candidate Starts for Sisko_26:

(Start: 20 @25416 has 1 MA's), (Start: 41 @25527 has 61 MA's), (50, 25551), (93, 25725), (113, 25824), (117, 25845), (131, 25905), (136, 25923), (155, 26010), (156, 26013), (165, 26061), (170, 26079), (183, 26142), (187, 26172), (189, 26175), (195, 26196), (207, 26259), (243, 26439), (276, 26547), (282, 26556),

Gene: Skippy_30 Start: 27640, Stop: 28752, Start Num: 30

Candidate Starts for Skippy_30:

(Start: 30 @27640 has 272 MA's), (Start: 34 @27658 has 8 MA's), (50, 27709), (91, 27877), (105, 27955), (125, 28045), (131, 28069), (141, 28105), (153, 28162), (156, 28177), (157, 28186), (163, 28213), (164, 28216), (170, 28243), (183, 28306), (187, 28336), (191, 28342), (207, 28426), (209, 28435), (221, 28504), (227, 28540), (229, 28546), (232, 28558), (254, 28648), (257, 28666), (259, 28675), (266, 28693), (274, 28726),

Gene: Slatt_30 Start: 27665, Stop: 28777, Start Num: 30

Candidate Starts for Slatt_30:

(Start: 30 @27665 has 272 MA's), (Start: 34 @27683 has 8 MA's), (50, 27734), (91, 27902), (105, 27980), (125, 28070), (131, 28094), (141, 28130), (153, 28187), (156, 28202), (157, 28211), (163, 28238), (164, 28241), (170, 28268), (183, 28331), (187, 28361), (191, 28367), (207, 28451), (209, 28460), (221, 28529), (227, 28565), (229, 28571), (232, 28583), (254, 28673), (257, 28691), (259, 28700), (266, 28718), (274, 28751),

Gene: SlippinJimmy_30 Start: 28338, Stop: 29381, Start Num: 38

Candidate Starts for SlippinJimmy_30:

(Start: 20 @28233 has 1 MA's), (24, 28263), (Start: 38 @28338 has 54 MA's), (54, 28386), (70, 28452), (92, 28536), (97, 28560), (101, 28584), (105, 28608), (111, 28629), (117, 28662), (153, 28815), (155, 28827), (170, 28896), (185, 28977), (205, 29064), (207, 29079), (212, 29109), (224, 29172), (237, 29232), (239, 29250), (242, 29256), (243, 29259), (249, 29280), (256, 29310), (257, 29316), (258, 29322), (261, 29331),

Gene: Soile_30 Start: 27372, Stop: 28484, Start Num: 30

Candidate Starts for Soile_30:

(Start: 30 @27372 has 272 MA's), (Start: 34 @27390 has 8 MA's), (50, 27441), (67, 27516), (91, 27609), (98, 27642), (105, 27687), (125, 27777), (131, 27801), (141, 27837), (153, 27894), (156, 27909), (157, 27918), (163, 27945), (164, 27948), (170, 27975), (183, 28038), (191, 28074), (207, 28158), (209, 28167), (221, 28236), (227, 28272), (229, 28278), (232, 28290), (254, 28380), (257, 28398), (259, 28407), (266, 28425), (274, 28458),

Gene: Solosis_29 Start: 27367, Stop: 28479, Start Num: 30

Candidate Starts for Solosis_29:

(Start: 30 @27367 has 272 MA's), (Start: 34 @27385 has 8 MA's), (50, 27436), (91, 27604), (105, 27682), (125, 27772), (131, 27796), (141, 27832), (153, 27889), (156, 27904), (157, 27913), (163, 27940), (164, 27943), (170, 27970), (183, 28033), (187, 28063), (191, 28069), (207, 28153), (209, 28162), (221, 28231), (227, 28267), (229, 28273), (232, 28285), (254, 28375), (257, 28393), (259, 28402), (266, 28420), (274, 28453),

Gene: Soos_54 Start: 36665, Stop: 37813, Start Num: 40

Candidate Starts for Soos_54:

(Start: 40 @36665 has 15 MA's), (61, 36746), (63, 36752), (65, 36761), (112, 36959), (123, 37016), (129, 37037), (136, 37067), (137, 37073), (145, 37112), (146, 37118), (154, 37145), (156, 37157), (159, 37169), (166, 37208), (180, 37277), (183, 37286), (186, 37307), (193, 37337), (201, 37376), (211, 37427), (246, 37598), (247, 37601), (251, 37619), (252, 37625), (256, 37646), (257, 37652), (259, 37661),

Gene: Sophia_29 Start: 27367, Stop: 28479, Start Num: 30

Candidate Starts for Sophia_29:

(Start: 30 @27367 has 272 MA's), (Start: 34 @27385 has 8 MA's), (50, 27436), (91, 27604), (105, 27682), (125, 27772), (131, 27796), (141, 27832), (153, 27889), (156, 27904), (157, 27913), (163, 27940), (164, 27943), (170, 27970), (183, 28033), (187, 28063), (191, 28069), (207, 28153), (209, 28162), (221, 28231), (227, 28267), (229, 28273), (232, 28285), (254, 28375), (257, 28393), (259, 28402), (266, 28420), (274, 28453),

Gene: Soto_30 Start: 27660, Stop: 28772, Start Num: 30

Candidate Starts for Soto_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209, 28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: Sour_30 Start: 29270, Stop: 30310, Start Num: 38

Candidate Starts for Sour_30:

(3, 28700), (24, 29195), (Start: 38 @29270 has 54 MA's), (Start: 40 @29273 has 15 MA's), (73, 29408), (93, 29471), (102, 29516), (113, 29570), (131, 29651), (153, 29744), (156, 29759), (163, 29795), (170, 29825), (182, 29885), (183, 29888), (207, 30005), (232, 30137), (243, 30185), (249, 30206), (255, 30233), (276, 30290),

Gene: Spartan300_30 Start: 27646, Stop: 28758, Start Num: 30

Candidate Starts for Spartan300_30:

(Start: 30 @27646 has 272 MA's), (Start: 34 @27664 has 8 MA's), (50, 27715), (91, 27883), (105, 27961), (125, 28051), (131, 28075), (141, 28111), (153, 28168), (156, 28183), (157, 28192), (163, 28219), (164, 28222), (170, 28249), (183, 28312), (187, 28342), (191, 28348), (207, 28432), (209, 28441), (221, 28510), (227, 28546), (229, 28552), (232, 28564), (254, 28654), (257, 28672), (259, 28681), (266, 28699), (274, 28732),

Gene: Squid_30 Start: 27358, Stop: 28470, Start Num: 30

Candidate Starts for Squid_30:

(Start: 30 @27358 has 272 MA's), (Start: 34 @27376 has 8 MA's), (50, 27427), (91, 27595), (105, 27673), (125, 27763), (131, 27787), (141, 27823), (153, 27880), (156, 27895), (157, 27904), (163, 27931), (164, 27934), (170, 27961), (183, 28024), (187, 28054), (191, 28060), (207, 28144), (209, 28153), (221, 28222), (227, 28258), (229, 28264), (232, 28276), (254, 28366), (257, 28384), (259, 28393), (266, 28411), (274, 28444),

Gene: Squiggle_30 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for Squiggle_30:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (91, 27607), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: StAugustine_33 Start: 30786, Stop: 31880, Start Num: 40

Candidate Starts for StAugustine_33:

(9, 30501), (11, 30528), (Start: 20 @30678 has 1 MA's), (24, 30708), (Start: 40 @30786 has 15 MA's), (57, 30843), (59, 30852), (71, 30915), (76, 30930), (104, 31047), (113, 31095), (119, 31125), (126, 31158), (130, 31170), (131, 31176), (140, 31212), (160, 31305), (163, 31323), (165, 31335), (170, 31353), (181, 31410), (187, 31446), (207, 31533), (237, 31686), (255, 31761), (256, 31767), (257, 31773), (268, 31809), (285, 31860),

Gene: Stillion_58 Start: 37262, Stop: 38410, Start Num: 40

Candidate Starts for Stillion_58:

(Start: 40 @37262 has 15 MA's), (61, 37343), (63, 37349), (65, 37358), (112, 37556), (123, 37613), (129, 37634), (136, 37664), (137, 37670), (145, 37709), (146, 37715), (154, 37742), (156, 37754), (159, 37766), (166, 37805), (180, 37874), (183, 37883), (186, 37904), (193, 37934), (201, 37973), (211, 38024), (246, 38195), (247, 38198), (251, 38216), (252, 38222), (256, 38243), (257, 38249), (259, 38258),

Gene: Sting_57 Start: 37104, Stop: 38252, Start Num: 40

Candidate Starts for Sting_57:

(Start: 40 @37104 has 15 MA's), (61, 37185), (63, 37191), (65, 37200), (112, 37398), (123, 37455), (129, 37476), (136, 37506), (137, 37512), (145, 37551), (146, 37557), (154, 37584), (156, 37596), (159, 37608), (166, 37647), (180, 37716), (183, 37725), (186, 37746), (193, 37776), (201, 37815), (211, 37866), (246, 38037), (247, 38040), (251, 38058), (252, 38064), (256, 38085), (257, 38091), (259, 38100),

Gene: Stinger_25 Start: 26469, Stop: 27545, Start Num: 42

Candidate Starts for Stinger_25:

(Start: 42 @26469 has 29 MA's), (73, 26607), (88, 26646), (92, 26670), (97, 26703), (106, 26754), (117, 26805), (125, 26841), (131, 26865), (153, 26958), (156, 26973), (159, 26985), (163, 27009), (164, 27012), (175, 27054), (183, 27102), (186, 27123), (187, 27132), (191, 27138), (207, 27219),

(210, 27237), (213, 27261), (217, 27288), (224, 27312), (232, 27351), (236, 27369), (238, 27387), (243, 27399), (244, 27402), (257, 27459), (259, 27468),

Gene: StinkyVeggy_31 Start: 28042, Stop: 29127, Start Num: 36

Candidate Starts for StinkyVeggy_31:

(Start: 36 @28042 has 10 MA's), (91, 28249), (92, 28255), (96, 28276), (97, 28279), (99, 28297), (105, 28327), (131, 28441), (153, 28534), (164, 28588), (177, 28636), (185, 28696), (187, 28708), (191, 28714), (192, 28720), (196, 28735), (198, 28753), (215, 28855), (238, 28963), (243, 28975), (248, 28990), (257, 29035), (259, 29044),

Gene: Struggle_29 Start: 27208, Stop: 28320, Start Num: 30

Candidate Starts for Struggle_29:

(Start: 30 @27208 has 272 MA's), (Start: 34 @27226 has 8 MA's), (50, 27277), (67, 27352), (91, 27445), (98, 27478), (105, 27523), (125, 27613), (131, 27637), (141, 27673), (153, 27730), (156, 27745), (157, 27754), (163, 27781), (164, 27784), (170, 27811), (183, 27874), (187, 27904), (189, 27907), (191, 27910), (207, 27994), (209, 28003), (221, 28072), (227, 28108), (229, 28114), (232, 28126), (254, 28216), (257, 28234), (259, 28243), (266, 28261), (274, 28294),

Gene: Suffolk_30 Start: 27654, Stop: 28766, Start Num: 30

Candidate Starts for Suffolk_30:

(Start: 30 @27654 has 272 MA's), (Start: 34 @27672 has 8 MA's), (50, 27723), (91, 27891), (105, 27969), (125, 28059), (131, 28083), (141, 28119), (153, 28176), (156, 28191), (157, 28200), (163, 28227), (164, 28230), (170, 28257), (183, 28320), (187, 28350), (191, 28356), (207, 28440), (209, 28449), (221, 28518), (227, 28554), (229, 28560), (232, 28572), (254, 28662), (257, 28680), (259, 28689), (266, 28707), (274, 28740),

Gene: Suigeneris_29 Start: 27898, Stop: 28986, Start Num: 36

Candidate Starts for Suigeneris_29:

(Start: 36 @27898 has 10 MA's), (85, 28078), (91, 28108), (92, 28114), (99, 28156), (105, 28186), (131, 28300), (153, 28393), (164, 28447), (177, 28495), (185, 28555), (187, 28567), (191, 28573), (192, 28579), (197, 28606), (215, 28714), (224, 28747), (243, 28834), (257, 28894), (259, 28903), (260, 28906),

Gene: Surely_30 Start: 27660, Stop: 28772, Start Num: 30

Candidate Starts for Surely_30:

(Start: 30 @27660 has 272 MA's), (Start: 34 @27678 has 8 MA's), (50, 27729), (91, 27897), (105, 27975), (125, 28065), (131, 28089), (141, 28125), (153, 28182), (156, 28197), (157, 28206), (163, 28233), (164, 28236), (170, 28263), (183, 28326), (187, 28356), (191, 28362), (207, 28446), (209, 28455), (221, 28524), (227, 28560), (229, 28566), (232, 28578), (254, 28668), (257, 28686), (259, 28695), (266, 28713), (274, 28746),

Gene: SwainyDoc_30 Start: 27571, Stop: 28614, Start Num: 38

Candidate Starts for SwainyDoc_30:

(Start: 20 @27466 has 1 MA's), (24, 27496), (Start: 38 @27571 has 54 MA's), (54, 27619), (70, 27685), (92, 27769), (97, 27793), (105, 27841), (111, 27862), (151, 28042), (153, 28048), (155, 28060), (170, 28129), (185, 28210), (205, 28297), (207, 28312), (212, 28342), (224, 28405), (237, 28465), (239, 28483), (242, 28489), (243, 28492), (249, 28513), (256, 28543), (257, 28549), (258, 28555), (261, 28564),

Gene: Swiphy_30 Start: 27655, Stop: 28767, Start Num: 30

Candidate Starts for Swiphy_30:

(Start: 30 @27655 has 272 MA's), (Start: 34 @27673 has 8 MA's), (50, 27724), (67, 27799), (91, 27892), (98, 27925), (105, 27970), (125, 28060), (131, 28084), (141, 28120), (153, 28177), (156,

28192), (157, 28201), (163, 28228), (164, 28231), (170, 28258), (183, 28321), (191, 28357), (207, 28441), (209, 28450), (221, 28519), (227, 28555), (229, 28561), (232, 28573), (254, 28663), (257, 28681), (259, 28690), (266, 28708), (274, 28741),

Gene: Swish_30 Start: 27643, Stop: 28755, Start Num: 30

Candidate Starts for Swish_30:

(Start: 30 @27643 has 272 MA's), (Start: 34 @27661 has 8 MA's), (50, 27712), (91, 27880), (105, 27958), (125, 28048), (131, 28072), (141, 28108), (153, 28165), (156, 28180), (157, 28189), (163, 28216), (164, 28219), (170, 28246), (183, 28309), (187, 28339), (191, 28345), (207, 28429), (209, 28438), (221, 28507), (227, 28543), (229, 28549), (232, 28561), (254, 28651), (257, 28669), (259, 28678), (266, 28696), (274, 28729),

Gene: SynergyX_30 Start: 27574, Stop: 28617, Start Num: 38

Candidate Starts for SynergyX_30:

(Start: 20 @27469 has 1 MA's), (24, 27499), (Start: 38 @27574 has 54 MA's), (54, 27622), (70, 27688), (92, 27772), (97, 27796), (101, 27820), (105, 27844), (111, 27865), (117, 27898), (153, 28051), (155, 28063), (170, 28132), (185, 28213), (205, 28300), (207, 28315), (212, 28345), (224, 28408), (237, 28468), (239, 28486), (242, 28492), (243, 28495), (249, 28516), (256, 28546), (257, 28552), (258, 28558), (261, 28567),

Gene: TA17A_32 Start: 28909, Stop: 29958, Start Num: 41

Candidate Starts for TA17A_32:

(5, 28432), (6, 28477), (8, 28552), (11, 28648), (14, 28738), (Start: 20 @28798 has 1 MA's), (24, 28828), (25, 28831), (Start: 41 @28909 has 61 MA's), (54, 28957), (64, 28990), (72, 29041), (73, 29044), (92, 29107), (97, 29131), (120, 29254), (128, 29281), (131, 29293), (141, 29329), (149, 29371), (154, 29389), (159, 29413), (163, 29437), (165, 29449), (175, 29482), (180, 29521), (187, 29560), (209, 29656), (212, 29677), (213, 29689), (220, 29722), (221, 29725), (232, 29779), (238, 29815), (243, 29827), (248, 29842), (249, 29848), (256, 29875), (257, 29881), (258, 29887), (261, 29896),

Gene: TP1604_22 Start: 21599, Stop: 22627, Start Num: 46

Candidate Starts for TP1604_22:

(12, 21332), (26, 21521), (Start: 46 @21599 has 10 MA's), (58, 21656), (65, 21683), (68, 21698), (105, 21866), (106, 21869), (115, 21911), (122, 21947), (141, 22019), (169, 22145), (182, 22211), (188, 22247), (190, 22250), (194, 22277), (196, 22283), (203, 22322), (227, 22454), (235, 22487), (248, 22532), (252, 22553), (263, 22583), (264, 22586), (267, 22592), (272, 22616), (274, 22619),

Gene: TPA2_35 Start: 29436, Stop: 30311, Start Num: 84

Candidate Starts for TPA2_35:

(Start: 41 @29277 has 61 MA's), (51, 29304), (53, 29316), (72, 29409), (73, 29412), (84, 29436), (92, 29475), (95, 29496), (111, 29568), (131, 29661), (155, 29763), (163, 29802), (170, 29832), (176, 29850), (182, 29886), (191, 29925), (197, 29958), (205, 29991), (207, 30006), (209, 30015), (227, 30120), (237, 30159), (243, 30186), (259, 30255),

Gene: TallGrassMM_30 Start: 27300, Stop: 28394, Start Num: 34

Candidate Starts for TallGrassMM_30:

(Start: 30 @27282 has 272 MA's), (Start: 34 @27300 has 8 MA's), (50, 27351), (91, 27519), (105, 27597), (125, 27687), (131, 27711), (141, 27747), (153, 27804), (156, 27819), (157, 27828), (163, 27855), (164, 27858), (170, 27885), (183, 27948), (187, 27978), (191, 27984), (207, 28068), (209, 28077), (221, 28146), (227, 28182), (229, 28188), (232, 28200), (254, 28290), (257, 28308), (259, 28317), (266, 28335), (274, 28368),

Gene: Taptic_23 Start: 26126, Stop: 27163, Start Num: 41

Candidate Starts for Taptic_23:

(Start: 41 @26126 has 61 MA's), (49, 26147), (50, 26150), (54, 26174), (64, 26207), (73, 26261), (82, 26279), (86, 26282), (91, 26309), (97, 26339), (128, 26489), (141, 26537), (153, 26594), (154, 26597), (156, 26609), (159, 26621), (165, 26657), (170, 26675), (182, 26735), (183, 26738), (185, 26756), (187, 26768), (189, 26771), (197, 26807), (198, 26813), (207, 26855), (212, 26885), (213, 26897), (225, 26951), (237, 27008), (238, 27023), (245, 27041), (248, 27050), (249, 27056), (250, 27062), (256, 27083), (257, 27089), (261, 27104), (268, 27125), (269, 27128),

Gene: Telesworld_29 Start: 27354, Stop: 28466, Start Num: 30

Candidate Starts for Telesworld_29:

(Start: 30 @27354 has 272 MA's), (Start: 34 @27372 has 8 MA's), (50, 27423), (91, 27591), (105, 27669), (125, 27759), (131, 27783), (141, 27819), (153, 27876), (156, 27891), (157, 27900), (163, 27927), (164, 27930), (170, 27957), (183, 28020), (187, 28050), (191, 28056), (207, 28140), (209, 28149), (221, 28218), (227, 28254), (229, 28260), (232, 28272), (254, 28362), (257, 28380), (259, 28389), (266, 28407), (274, 28440),

Gene: Thonko_28 Start: 26100, Stop: 27167, Start Num: 41

Candidate Starts for Thonko_28:

(Start: 41 @26100 has 61 MA's), (66, 26193), (71, 26232), (88, 26277), (99, 26343), (128, 26475), (131, 26487), (153, 26580), (164, 26634), (165, 26643), (182, 26721), (191, 26760), (200, 26808), (207, 26841), (217, 26910), (225, 26937), (232, 26973), (236, 26991), (242, 27018), (254, 27066), (257, 27084), (259, 27093),

Gene: Thora_30 Start: 27659, Stop: 28771, Start Num: 30

Candidate Starts for Thora_30:

(Start: 30 @27659 has 272 MA's), (Start: 34 @27677 has 8 MA's), (50, 27728), (91, 27896), (105, 27974), (125, 28064), (131, 28088), (141, 28124), (153, 28181), (156, 28196), (157, 28205), (163, 28232), (164, 28235), (170, 28262), (183, 28325), (187, 28355), (191, 28361), (207, 28445), (209, 28454), (221, 28523), (227, 28559), (229, 28565), (232, 28577), (254, 28667), (257, 28685), (259, 28694), (266, 28712), (274, 28745),

Gene: ThreeOh3D2_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for ThreeOh3D2_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Thunderbird_29 Start: 27363, Stop: 28475, Start Num: 30

Candidate Starts for Thunderbird_29:

(Start: 30 @27363 has 272 MA's), (Start: 34 @27381 has 8 MA's), (50, 27432), (67, 27507), (91, 27600), (98, 27633), (105, 27678), (125, 27768), (131, 27792), (141, 27828), (153, 27885), (156, 27900), (157, 27909), (163, 27936), (164, 27939), (170, 27966), (183, 28029), (187, 28059), (189, 28062), (191, 28065), (207, 28149), (209, 28158), (221, 28227), (227, 28263), (229, 28269), (232, 28281), (254, 28371), (257, 28389), (259, 28398), (266, 28416), (274, 28449),

Gene: Timmi_29 Start: 27368, Stop: 28480, Start Num: 30

Candidate Starts for Timmi_29:

(Start: 30 @27368 has 272 MA's), (Start: 34 @27386 has 8 MA's), (50, 27437), (91, 27605), (105, 27683), (125, 27773), (131, 27797), (141, 27833), (153, 27890), (156, 27905), (157, 27914), (163, 27941), (164, 27944), (170, 27971), (183, 28034), (187, 28064), (191, 28070), (207, 28154), (209, 28163), (221, 28232), (227, 28268), (229, 28274), (232, 28286), (254, 28376), (257, 28394), (259,

28403), (266, 28421), (274, 28454),

Gene: Tinciduntolum_32 Start: 29047, Stop: 30096, Start Num: 41

Candidate Starts for Tinciduntolum_32:

(5, 28570), (6, 28615), (8, 28690), (11, 28786), (14, 28876), (Start: 20 @28936 has 1 MA's), (24, 28966), (25, 28969), (Start: 41 @29047 has 61 MA's), (54, 29095), (64, 29128), (72, 29179), (73, 29182), (92, 29245), (97, 29269), (120, 29392), (128, 29419), (131, 29431), (141, 29467), (149, 29509), (154, 29527), (159, 29551), (163, 29575), (165, 29587), (175, 29620), (180, 29659), (187, 29698), (199, 29746), (209, 29794), (212, 29815), (213, 29827), (220, 29860), (221, 29863), (232, 29917), (238, 29953), (243, 29965), (248, 29980), (249, 29986), (256, 30013), (257, 30019), (258, 30025), (261, 30034),

Gene: TinyTerror_30 Start: 27562, Stop: 28605, Start Num: 38

Candidate Starts for TinyTerror_30:

(Start: 20 @27457 has 1 MA's), (24, 27487), (Start: 38 @27562 has 54 MA's), (54, 27610), (70, 27676), (92, 27760), (97, 27784), (101, 27808), (105, 27832), (111, 27853), (153, 28039), (155, 28051), (170, 28120), (185, 28201), (205, 28288), (207, 28303), (212, 28333), (224, 28396), (237, 28456), (239, 28474), (242, 28480), (243, 28483), (249, 28504), (256, 28534), (257, 28540), (258, 28546), (261, 28555),

Gene: TomBombadil_30 Start: 27653, Stop: 28765, Start Num: 30

Candidate Starts for TomBombadil_30:

(Start: 30 @27653 has 272 MA's), (Start: 34 @27671 has 8 MA's), (50, 27722), (91, 27890), (105, 27968), (125, 28058), (131, 28082), (141, 28118), (153, 28175), (156, 28190), (157, 28199), (163, 28226), (164, 28229), (170, 28256), (183, 28319), (187, 28349), (191, 28355), (207, 28439), (209, 28448), (221, 28517), (227, 28553), (229, 28559), (232, 28571), (254, 28661), (257, 28679), (259, 28688), (266, 28706), (274, 28739),

Gene: Tomlarah_30 Start: 27644, Stop: 28756, Start Num: 30

Candidate Starts for Tomlarah_30:

(Start: 30 @27644 has 272 MA's), (Start: 34 @27662 has 8 MA's), (50, 27713), (91, 27881), (105, 27959), (125, 28049), (131, 28073), (141, 28109), (153, 28166), (156, 28181), (157, 28190), (163, 28217), (164, 28220), (170, 28247), (183, 28310), (187, 28340), (191, 28346), (207, 28430), (209, 28439), (221, 28508), (227, 28544), (229, 28550), (232, 28562), (254, 28652), (257, 28670), (259, 28679), (266, 28697), (274, 28730),

Gene: Toni_29 Start: 27360, Stop: 28472, Start Num: 30

Candidate Starts for Toni_29:

(Start: 30 @27360 has 272 MA's), (Start: 34 @27378 has 8 MA's), (50, 27429), (91, 27597), (105, 27675), (125, 27765), (131, 27789), (141, 27825), (153, 27882), (156, 27897), (157, 27906), (163, 27933), (164, 27936), (170, 27963), (183, 28026), (187, 28056), (191, 28062), (207, 28146), (209, 28155), (221, 28224), (227, 28260), (229, 28266), (232, 28278), (254, 28368), (257, 28386), (259, 28395), (266, 28413), (274, 28446),

Gene: Tonitrus_45 Start: 34902, Stop: 35993, Start Num: 41

Candidate Starts for Tonitrus_45:

(Start: 41 @34902 has 61 MA's), (68, 35010), (70, 35022), (91, 35094), (92, 35100), (100, 35139), (108, 35175), (129, 35271), (132, 35283), (137, 35307), (138, 35310), (142, 35325), (147, 35358), (152, 35376), (158, 35403), (170, 35457), (182, 35517), (191, 35556), (193, 35571), (204, 35622), (213, 35682), (218, 35712), (226, 35739), (232, 35772), (233, 35775), (235, 35787), (237, 35793), (240, 35814), (246, 35832), (251, 35853), (256, 35880), (257, 35886), (265, 35919), (286, 35988),

Gene: TooFast2Furius_31 Start: 27889, Stop: 29001, Start Num: 30

Candidate Starts for TooFast2Furius_31:

(Start: 30 @27889 has 272 MA's), (Start: 34 @27907 has 8 MA's), (50, 27958), (91, 28126), (105, 28204), (125, 28294), (131, 28318), (141, 28354), (153, 28411), (156, 28426), (157, 28435), (163, 28462), (164, 28465), (170, 28492), (183, 28555), (187, 28585), (191, 28591), (207, 28675), (209, 28684), (221, 28753), (227, 28789), (229, 28795), (232, 28807), (254, 28897), (257, 28915), (259, 28924), (266, 28942), (274, 28975),

Gene: Tooj_30 Start: 27714, Stop: 28826, Start Num: 30

Candidate Starts for Tooj_30:

(Start: 30 @27714 has 272 MA's), (Start: 34 @27732 has 8 MA's), (50, 27783), (91, 27951), (105, 28029), (125, 28119), (131, 28143), (141, 28179), (153, 28236), (156, 28251), (157, 28260), (163, 28287), (164, 28290), (170, 28317), (183, 28380), (187, 28410), (191, 28416), (207, 28500), (209, 28509), (221, 28578), (227, 28614), (229, 28620), (232, 28632), (254, 28722), (257, 28740), (259, 28749), (266, 28767), (274, 28800),

Gene: TraderJ_28 Start: 27014, Stop: 28063, Start Num: 41

Candidate Starts for TraderJ_28:

(Start: 41 @27014 has 61 MA's), (50, 27038), (70, 27128), (73, 27149), (91, 27200), (102, 27257), (131, 27392), (153, 27485), (156, 27500), (159, 27512), (163, 27536), (165, 27548), (182, 27626), (191, 27665), (206, 27737), (207, 27746), (210, 27764), (212, 27776), (236, 27896), (241, 27920), (243, 27926), (266, 28004), (276, 28043), (282, 28052),

Gene: Tres_31 Start: 28922, Stop: 29971, Start Num: 41

Candidate Starts for Tres_31:

(5, 28445), (6, 28490), (8, 28565), (11, 28661), (14, 28751), (Start: 20 @28811 has 1 MA's), (24, 28841), (25, 28844), (Start: 41 @28922 has 61 MA's), (54, 28970), (64, 29003), (72, 29054), (73, 29057), (92, 29120), (97, 29144), (120, 29267), (128, 29294), (131, 29306), (141, 29342), (149, 29384), (154, 29402), (159, 29426), (163, 29450), (165, 29462), (175, 29495), (180, 29534), (187, 29573), (199, 29621), (209, 29669), (212, 29690), (213, 29702), (220, 29735), (221, 29738), (232, 29792), (238, 29828), (243, 29840), (248, 29855), (249, 29861), (256, 29888), (257, 29894), (258, 29900), (261, 29909),

Gene: Triad_30 Start: 26521, Stop: 27633, Start Num: 30

Candidate Starts for Triad_30:

(Start: 30 @26521 has 272 MA's), (Start: 34 @26539 has 8 MA's), (50, 26590), (91, 26758), (105, 26836), (125, 26926), (131, 26950), (141, 26986), (153, 27043), (156, 27058), (157, 27067), (163, 27094), (164, 27097), (170, 27124), (183, 27187), (187, 27217), (191, 27223), (207, 27307), (209, 27316), (221, 27385), (227, 27421), (229, 27427), (232, 27439), (254, 27529), (257, 27547), (259, 27556), (266, 27574), (274, 27607),

Gene: True_29 Start: 27357, Stop: 28469, Start Num: 30

Candidate Starts for True_29:

(Start: 30 @27357 has 272 MA's), (Start: 34 @27375 has 8 MA's), (50, 27426), (91, 27594), (105, 27672), (125, 27762), (131, 27786), (141, 27822), (153, 27879), (156, 27894), (157, 27903), (163, 27930), (164, 27933), (170, 27960), (183, 28023), (187, 28053), (191, 28059), (207, 28143), (209, 28152), (221, 28221), (227, 28257), (229, 28263), (232, 28275), (254, 28365), (257, 28383), (259, 28392), (266, 28410), (274, 28443),

Gene: Trypo_30 Start: 27652, Stop: 28764, Start Num: 30

Candidate Starts for Trypo_30:

(Start: 30 @27652 has 272 MA's), (Start: 34 @27670 has 8 MA's), (50, 27721), (67, 27796), (91, 27889), (98, 27922), (105, 27967), (125, 28057), (131, 28081), (141, 28117), (153, 28174), (156, 28189), (157, 28198), (163, 28225), (164, 28228), (170, 28255), (183, 28318), (191, 28354), (207,

28438), (209, 28447), (221, 28516), (227, 28552), (229, 28558), (232, 28570), (254, 28660), (257, 28678), (259, 28687), (266, 28705), (274, 28738),

Gene: TurkishDelight_30 Start: 28182, Stop: 29252, Start Num: 45

Candidate Starts for TurkishDelight_30:

(32, 28146), (Start: 45 @28182 has 1 MA's), (60, 28254), (65, 28272), (70, 28299), (72, 28317), (138, 28596), (144, 28620), (164, 28710), (173, 28749), (175, 28755), (188, 28833), (193, 28860), (194, 28863), (205, 28914), (216, 28995), (231, 29055), (251, 29133), (252, 29139), (262, 29184), (284, 29244),

Gene: Tydolla_30 Start: 28311, Stop: 29354, Start Num: 38

Candidate Starts for Tydolla_30:

(Start: 20 @28206 has 1 MA's), (24, 28236), (Start: 38 @28311 has 54 MA's), (54, 28359), (70, 28425), (92, 28509), (97, 28533), (101, 28557), (105, 28581), (111, 28602), (117, 28635), (153, 28788), (155, 28800), (170, 28869), (185, 28950), (205, 29037), (207, 29052), (212, 29082), (224, 29145), (237, 29205), (239, 29223), (242, 29229), (243, 29232), (249, 29253), (256, 29283), (257, 29289), (258, 29295), (261, 29304),

Gene: TyrionL_29 Start: 27216, Stop: 28328, Start Num: 30

Candidate Starts for TyrionL_29:

(Start: 30 @27216 has 272 MA's), (Start: 34 @27234 has 8 MA's), (50, 27285), (67, 27360), (91, 27453), (98, 27486), (105, 27531), (125, 27621), (131, 27645), (141, 27681), (153, 27738), (156, 27753), (157, 27762), (163, 27789), (164, 27792), (170, 27819), (183, 27882), (191, 27918), (207, 28002), (209, 28011), (221, 28080), (227, 28116), (229, 28122), (232, 28134), (254, 28224), (257, 28242), (259, 28251), (266, 28269), (274, 28302),

Gene: UAch1_30 Start: 27666, Stop: 28778, Start Num: 30

Candidate Starts for UAch1_30:

(Start: 30 @27666 has 272 MA's), (Start: 34 @27684 has 8 MA's), (50, 27735), (91, 27903), (105, 27981), (125, 28071), (131, 28095), (141, 28131), (153, 28188), (156, 28203), (157, 28212), (163, 28239), (164, 28242), (170, 28269), (183, 28332), (187, 28362), (191, 28368), (207, 28452), (209, 28461), (221, 28530), (227, 28566), (229, 28572), (232, 28584), (254, 28674), (257, 28692), (259, 28701), (266, 28719), (274, 28752),

Gene: UncleHowie_30 Start: 27356, Stop: 28468, Start Num: 30

Candidate Starts for UncleHowie_30:

(Start: 30 @27356 has 272 MA's), (Start: 34 @27374 has 8 MA's), (50, 27425), (91, 27593), (105, 27671), (125, 27761), (131, 27785), (141, 27821), (153, 27878), (156, 27893), (157, 27902), (163, 27929), (164, 27932), (170, 27959), (183, 28022), (187, 28052), (191, 28058), (207, 28142), (209, 28151), (221, 28220), (227, 28256), (229, 28262), (232, 28274), (254, 28364), (257, 28382), (259, 28391), (266, 28409), (274, 28442),

Gene: Usavi_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Usavi_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Vaishali24_29 Start: 27318, Stop: 28430, Start Num: 30

Candidate Starts for Vaishali24_29:

(Start: 30 @27318 has 272 MA's), (Start: 34 @27336 has 8 MA's), (50, 27387), (91, 27555), (105, 27633), (125, 27723), (131, 27747), (153, 27840), (156, 27855), (157, 27864), (163, 27891), (164, 27894), (170, 27921), (183, 27984), (187, 28014), (191, 28020), (207, 28104), (209, 28113), (221, 28182), (227, 28218), (229, 28224), (232, 28236), (254, 28326), (257, 28344), (259, 28353), (266, 28371), (274, 28404),

Gene: Valjean_30 Start: 27649, Stop: 28761, Start Num: 30

Candidate Starts for Valjean_30:

(Start: 30 @27649 has 272 MA's), (Start: 34 @27667 has 8 MA's), (50, 27718), (91, 27886), (105, 27964), (125, 28054), (131, 28078), (141, 28114), (153, 28171), (156, 28186), (157, 28195), (163, 28222), (164, 28225), (170, 28252), (183, 28315), (187, 28345), (191, 28351), (207, 28435), (209, 28444), (221, 28513), (227, 28549), (229, 28555), (232, 28567), (254, 28657), (257, 28675), (259, 28684), (266, 28702), (274, 28735),

Gene: Vaticameos_30 Start: 27347, Stop: 28459, Start Num: 30

Candidate Starts for Vaticameos_30:

(Start: 30 @27347 has 272 MA's), (Start: 34 @27365 has 8 MA's), (50, 27416), (91, 27584), (105, 27662), (125, 27752), (131, 27776), (141, 27812), (153, 27869), (156, 27884), (157, 27893), (163, 27920), (164, 27923), (170, 27950), (183, 28013), (187, 28043), (191, 28049), (207, 28133), (209, 28142), (221, 28211), (227, 28247), (229, 28253), (232, 28265), (254, 28355), (257, 28373), (259, 28382), (266, 28400), (274, 28433),

Gene: Veritas_29 Start: 27219, Stop: 28331, Start Num: 30

Candidate Starts for Veritas_29:

(Start: 30 @27219 has 272 MA's), (Start: 34 @27237 has 8 MA's), (50, 27288), (67, 27363), (91, 27456), (98, 27489), (105, 27534), (125, 27624), (131, 27648), (141, 27684), (153, 27741), (156, 27756), (157, 27765), (163, 27792), (164, 27795), (170, 27822), (183, 27885), (191, 27921), (207, 28005), (209, 28014), (221, 28083), (227, 28119), (229, 28125), (232, 28137), (254, 28227), (257, 28245), (259, 28254), (266, 28272), (274, 28305),

Gene: Vic9_00031 Start: 29366, Stop: 30415, Start Num: 41

Candidate Starts for Vic9_00031:

(Start: 41 @29366 has 61 MA's), (54, 29414), (64, 29447), (72, 29498), (73, 29501), (92, 29564), (97, 29588), (120, 29711), (128, 29738), (131, 29750), (141, 29786), (148, 29825), (149, 29828), (154, 29846), (159, 29870), (163, 29894), (165, 29906), (175, 29939), (180, 29978), (187, 30017), (209, 30113), (212, 30134), (213, 30146), (220, 30179), (221, 30182), (232, 30236), (238, 30272), (243, 30284), (248, 30299), (249, 30305), (256, 30332), (257, 30338), (258, 30344), (261, 30353),

Gene: Vincenzo_28 Start: 28607, Stop: 29689, Start Num: 42

Candidate Starts for Vincenzo_28:

(Start: 42 @28607 has 29 MA's), (73, 28745), (97, 28847), (117, 28949), (125, 28985), (131, 29009), (132, 29012), (133, 29015), (140, 29042), (141, 29045), (148, 29084), (157, 29126), (167, 29171), (175, 29198), (183, 29246), (185, 29264), (191, 29282), (197, 29315), (206, 29354), (207, 29363), (213, 29405), (215, 29423), (224, 29456), (227, 29477), (232, 29495), (243, 29543), (255, 29591), (257, 29603),

Gene: VioletZ_27 Start: 27968, Stop: 29044, Start Num: 42

Candidate Starts for VioletZ_27:

(Start: 42 @27968 has 29 MA's), (47, 27977), (88, 28145), (97, 28202), (110, 28265), (113, 28283), (117, 28304), (125, 28340), (131, 28364), (141, 28400), (153, 28457), (156, 28472), (159, 28484), (163, 28508), (164, 28511), (175, 28553), (183, 28601), (186, 28622), (187, 28631), (191, 28637), (207, 28718), (210, 28736), (215, 28778), (217, 28787), (224, 28811), (232, 28850), (236, 28868), (238, 28886), (243, 28898), (257, 28958), (259, 28967),

Gene: Virapocalypse_30 Start: 27643, Stop: 28755, Start Num: 30

Candidate Starts for Virapocalypse_30:

(Start: 30 @27643 has 272 MA's), (Start: 34 @27661 has 8 MA's), (50, 27712), (91, 27880), (105, 27958), (125, 28048), (131, 28072), (141, 28108), (153, 28165), (156, 28180), (157, 28189), (163, 28216), (164, 28219), (170, 28246), (183, 28309), (187, 28339), (191, 28345), (207, 28429), (209, 28438), (221, 28507), (227, 28543), (229, 28549), (232, 28561), (254, 28651), (257, 28669), (259, 28678), (266, 28696), (274, 28729),

Gene: Virgeve_29 Start: 27418, Stop: 28530, Start Num: 30

Candidate Starts for Virgeve_29:

(Start: 30 @27418 has 272 MA's), (Start: 34 @27436 has 8 MA's), (50, 27487), (67, 27562), (91, 27655), (98, 27688), (105, 27733), (125, 27823), (131, 27847), (141, 27883), (153, 27940), (156, 27955), (157, 27964), (163, 27991), (164, 27994), (170, 28021), (183, 28084), (187, 28114), (189, 28117), (191, 28120), (207, 28204), (209, 28213), (221, 28282), (227, 28318), (229, 28324), (232, 28336), (254, 28426), (257, 28444), (259, 28453), (266, 28471), (274, 28504),

Gene: Vista_30 Start: 27657, Stop: 28769, Start Num: 30

Candidate Starts for Vista_30:

(Start: 30 @27657 has 272 MA's), (Start: 34 @27675 has 8 MA's), (50, 27726), (91, 27894), (105, 27972), (125, 28062), (131, 28086), (141, 28122), (153, 28179), (156, 28194), (157, 28203), (163, 28230), (164, 28233), (170, 28260), (183, 28323), (187, 28353), (191, 28359), (207, 28443), (209, 28452), (221, 28521), (227, 28557), (229, 28563), (232, 28575), (254, 28665), (257, 28683), (259, 28692), (266, 28710), (274, 28743),

Gene: Vivaldi_30 Start: 27683, Stop: 28795, Start Num: 30

Candidate Starts for Vivaldi_30:

(Start: 30 @27683 has 272 MA's), (Start: 34 @27701 has 8 MA's), (50, 27752), (91, 27920), (105, 27998), (125, 28088), (131, 28112), (141, 28148), (153, 28205), (156, 28220), (157, 28229), (163, 28256), (164, 28259), (170, 28286), (183, 28349), (187, 28379), (191, 28385), (207, 28469), (209, 28478), (221, 28547), (227, 28583), (229, 28589), (232, 28601), (254, 28691), (257, 28709), (259, 28718), (266, 28736), (274, 28769),

Gene: Vortex_30 Start: 27363, Stop: 28475, Start Num: 30

Candidate Starts for Vortex_30:

(Start: 30 @27363 has 272 MA's), (Start: 34 @27381 has 8 MA's), (50, 27432), (91, 27600), (105, 27678), (125, 27768), (131, 27792), (141, 27828), (153, 27885), (156, 27900), (157, 27909), (163, 27936), (164, 27939), (170, 27966), (183, 28029), (187, 28059), (191, 28065), (207, 28149), (209, 28158), (221, 28227), (227, 28263), (229, 28269), (232, 28281), (254, 28371), (257, 28389), (259, 28398), (266, 28416), (274, 28449),

Gene: Waleliano_27 Start: 27895, Stop: 28971, Start Num: 42

Candidate Starts for Waleliano_27:

(Start: 42 @27895 has 29 MA's), (47, 27904), (88, 28072), (97, 28129), (110, 28192), (117, 28231), (125, 28267), (131, 28291), (141, 28327), (153, 28384), (156, 28399), (159, 28411), (163, 28435), (164, 28438), (175, 28480), (183, 28528), (186, 28549), (187, 28558), (191, 28564), (207, 28645), (210, 28663), (215, 28705), (217, 28714), (224, 28738), (232, 28777), (236, 28795), (238, 28813), (243, 28825), (244, 28828), (257, 28885), (259, 28894),

Gene: Wallhey_29 Start: 27220, Stop: 28332, Start Num: 30

Candidate Starts for Wallhey_29:

(Start: 30 @27220 has 272 MA's), (Start: 34 @27238 has 8 MA's), (50, 27289), (67, 27364), (91, 27457), (98, 27490), (105, 27535), (125, 27625), (131, 27649), (141, 27685), (153, 27742), (156,

27757), (157, 27766), (163, 27793), (164, 27796), (170, 27823), (183, 27886), (191, 27922), (207, 28006), (209, 28015), (221, 28084), (227, 28120), (229, 28126), (232, 28138), (254, 28228), (257, 28246), (259, 28255), (266, 28273), (274, 28306),

Gene: Waterdiva_30 Start: 27649, Stop: 28761, Start Num: 30

Candidate Starts for Waterdiva_30:

(Start: 30 @27649 has 272 MA's), (Start: 34 @27667 has 8 MA's), (50, 27718), (91, 27886), (105, 27964), (125, 28054), (131, 28078), (141, 28114), (153, 28171), (156, 28186), (157, 28195), (163, 28222), (164, 28225), (170, 28252), (183, 28315), (187, 28345), (191, 28351), (207, 28435), (209, 28444), (221, 28513), (227, 28549), (229, 28555), (232, 28567), (254, 28657), (257, 28675), (259, 28684), (266, 28702), (274, 28735),

Gene: Weher20_30 Start: 27648, Stop: 28760, Start Num: 30

Candidate Starts for Weher20_30:

(Start: 30 @27648 has 272 MA's), (Start: 34 @27666 has 8 MA's), (50, 27717), (67, 27792), (91, 27885), (98, 27918), (105, 27963), (125, 28053), (131, 28077), (141, 28113), (153, 28170), (156, 28185), (157, 28194), (163, 28221), (164, 28224), (170, 28251), (183, 28314), (187, 28344), (189, 28347), (191, 28350), (207, 28434), (209, 28443), (221, 28512), (227, 28548), (229, 28554), (232, 28566), (254, 28656), (257, 28674), (259, 28683), (266, 28701), (274, 28734),

Gene: West99_31 Start: 29042, Stop: 30091, Start Num: 41

Candidate Starts for West99_31:

(5, 28565), (6, 28610), (8, 28685), (11, 28781), (14, 28871), (Start: 20 @28931 has 1 MA's), (24, 28961), (25, 28964), (Start: 41 @29042 has 61 MA's), (54, 29090), (64, 29123), (72, 29174), (73, 29177), (92, 29240), (97, 29264), (120, 29387), (128, 29414), (131, 29426), (141, 29462), (149, 29504), (154, 29522), (159, 29546), (163, 29570), (165, 29582), (175, 29615), (180, 29654), (187, 29693), (199, 29741), (209, 29789), (212, 29810), (213, 29822), (220, 29855), (221, 29858), (232, 29912), (238, 29948), (243, 29960), (248, 29975), (249, 29981), (256, 30008), (257, 30014), (258, 30020), (261, 30029),

Gene: Windsor_29 Start: 27347, Stop: 28459, Start Num: 30

Candidate Starts for Windsor_29:

(Start: 30 @27347 has 272 MA's), (Start: 34 @27365 has 8 MA's), (50, 27416), (67, 27491), (91, 27584), (98, 27617), (105, 27662), (125, 27752), (131, 27776), (141, 27812), (153, 27869), (156, 27884), (157, 27893), (163, 27920), (164, 27923), (170, 27950), (183, 28013), (187, 28043), (189, 28046), (191, 28049), (207, 28133), (209, 28142), (221, 28211), (227, 28247), (229, 28253), (232, 28265), (254, 28355), (257, 28373), (259, 28382), (266, 28400), (274, 28433),

Gene: Wooper_28 Start: 27020, Stop: 28069, Start Num: 41

Candidate Starts for Wooper_28:

(Start: 41 @27020 has 61 MA's), (50, 27044), (70, 27134), (73, 27155), (91, 27206), (102, 27263), (131, 27398), (153, 27491), (156, 27506), (159, 27518), (163, 27542), (165, 27554), (175, 27587), (182, 27632), (191, 27671), (206, 27743), (207, 27752), (210, 27770), (212, 27782), (236, 27902), (241, 27926), (243, 27932), (266, 28010), (276, 28049), (282, 28058),

Gene: Xavier_29 Start: 27370, Stop: 28482, Start Num: 30

Candidate Starts for Xavier_29:

(Start: 30 @27370 has 272 MA's), (Start: 34 @27388 has 8 MA's), (50, 27439), (91, 27607), (105, 27685), (125, 27775), (131, 27799), (141, 27835), (153, 27892), (156, 27907), (157, 27916), (163, 27943), (164, 27946), (170, 27973), (183, 28036), (187, 28066), (191, 28072), (207, 28156), (209, 28165), (221, 28234), (227, 28270), (229, 28276), (232, 28288), (254, 28378), (257, 28396), (259, 28405), (266, 28423), (274, 28456),

Gene: Xincheng_26 Start: 27353, Stop: 28429, Start Num: 42

Candidate Starts for Xincheng_26:

(Start: 42 @27353 has 29 MA's), (47, 27362), (73, 27491), (88, 27530), (97, 27587), (110, 27650), (117, 27689), (125, 27725), (131, 27749), (141, 27785), (153, 27842), (156, 27857), (159, 27869), (163, 27893), (164, 27896), (175, 27938), (183, 27986), (187, 28016), (191, 28022), (207, 28103), (210, 28121), (215, 28163), (217, 28172), (224, 28196), (232, 28235), (238, 28271), (243, 28283), (257, 28343), (259, 28352),

Gene: Xkcd426_28 Start: 28908, Stop: 29960, Start Num: 46

Candidate Starts for Xkcd426_28:

(Start: 46 @28908 has 10 MA's), (58, 28965), (71, 29034), (102, 29154), (107, 29181), (115, 29220), (121, 29250), (122, 29256), (138, 29319), (161, 29418), (162, 29427), (174, 29475), (175, 29478), (182, 29520), (188, 29556), (190, 29559), (201, 29622), (207, 29652), (215, 29712), (222, 29739), (263, 29910), (267, 29919), (269, 29928), (274, 29946),

Gene: YDN12_24 Start: 21568, Stop: 22596, Start Num: 46

Candidate Starts for YDN12_24:

(Start: 46 @21568 has 10 MA's), (58, 21625), (65, 21652), (68, 21667), (71, 21694), (75, 21706), (102, 21814), (105, 21835), (106, 21838), (115, 21880), (121, 21910), (122, 21916), (138, 21979), (141, 21988), (169, 22114), (182, 22180), (188, 22216), (190, 22219), (194, 22246), (196, 22252), (203, 22291), (227, 22423), (235, 22456), (248, 22501), (252, 22522), (263, 22552), (264, 22555), (267, 22561), (272, 22585), (274, 22588),

Gene: Yago84_26 Start: 25601, Stop: 26641, Start Num: 41

Candidate Starts for Yago84_26:

(Start: 20 @25490 has 1 MA's), (Start: 41 @25601 has 61 MA's), (50, 25625), (93, 25799), (113, 25898), (117, 25919), (131, 25979), (136, 25997), (155, 26084), (156, 26087), (165, 26135), (170, 26153), (183, 26216), (187, 26246), (189, 26249), (195, 26270), (207, 26333), (243, 26513), (276, 26621), (282, 26630),

Gene: Yahalom_30 Start: 27586, Stop: 28629, Start Num: 38

Candidate Starts for Yahalom_30:

(Start: 20 @27481 has 1 MA's), (24, 27511), (Start: 38 @27586 has 54 MA's), (54, 27634), (70, 27700), (92, 27784), (97, 27808), (101, 27832), (105, 27856), (111, 27877), (117, 27910), (153, 28063), (155, 28075), (170, 28144), (185, 28225), (205, 28312), (207, 28327), (212, 28357), (224, 28420), (237, 28480), (239, 28498), (242, 28504), (243, 28507), (249, 28528), (256, 28558), (257, 28564), (258, 28570), (261, 28579),

Gene: Yeshua_28 Start: 26997, Stop: 28046, Start Num: 41

Candidate Starts for Yeshua_28:

(Start: 41 @26997 has 61 MA's), (50, 27021), (70, 27111), (73, 27132), (91, 27183), (102, 27240), (131, 27375), (153, 27468), (156, 27483), (159, 27495), (163, 27519), (165, 27531), (175, 27564), (182, 27609), (191, 27648), (206, 27720), (207, 27729), (210, 27747), (212, 27759), (236, 27879), (241, 27903), (243, 27909), (266, 27987), (276, 28026), (282, 28035),

Gene: Yinz_30 Start: 27609, Stop: 28652, Start Num: 38

Candidate Starts for Yinz_30:

(Start: 20 @27504 has 1 MA's), (24, 27534), (Start: 38 @27609 has 54 MA's), (54, 27657), (70, 27723), (92, 27807), (97, 27831), (101, 27855), (105, 27879), (111, 27900), (117, 27933), (153, 28086), (155, 28098), (170, 28167), (185, 28248), (205, 28335), (207, 28350), (212, 28380), (224, 28443), (237, 28503), (239, 28521), (242, 28527), (243, 28530), (249, 28551), (256, 28581), (257, 28587), (258, 28593), (261, 28602),

Gene: Yoshand_30 Start: 27674, Stop: 28768, Start Num: 34

Candidate Starts for Yoshand_30:

(Start: 30 @27656 has 272 MA's), (Start: 34 @27674 has 8 MA's), (50, 27725), (91, 27893), (105, 27971), (125, 28061), (131, 28085), (141, 28121), (153, 28178), (156, 28193), (157, 28202), (163, 28229), (164, 28232), (170, 28259), (183, 28322), (187, 28352), (191, 28358), (207, 28442), (209, 28451), (221, 28520), (227, 28556), (229, 28562), (232, 28574), (254, 28664), (257, 28682), (259, 28691), (266, 28709), (274, 28742),

Gene: YouGoGlencoco_30 Start: 27651, Stop: 28763, Start Num: 30

Candidate Starts for YouGoGlencoco_30:

(Start: 30 @27651 has 272 MA's), (Start: 34 @27669 has 8 MA's), (50, 27720), (91, 27888), (105, 27966), (125, 28056), (131, 28080), (141, 28116), (153, 28173), (156, 28188), (157, 28197), (163, 28224), (164, 28227), (170, 28254), (183, 28317), (187, 28347), (191, 28353), (207, 28437), (209, 28446), (221, 28515), (227, 28551), (229, 28557), (232, 28569), (254, 28659), (257, 28677), (259, 28686), (266, 28704), (274, 28737),

Gene: Zaider_31 Start: 27899, Stop: 28993, Start Num: 34

Candidate Starts for Zaider_31:

(Start: 30 @27881 has 272 MA's), (Start: 34 @27899 has 8 MA's), (50, 27950), (91, 28118), (105, 28196), (125, 28286), (131, 28310), (141, 28346), (153, 28403), (156, 28418), (157, 28427), (163, 28454), (164, 28457), (170, 28484), (183, 28547), (187, 28577), (191, 28583), (207, 28667), (209, 28676), (221, 28745), (227, 28781), (229, 28787), (232, 28799), (254, 28889), (257, 28907), (259, 28916), (266, 28934), (274, 28967),

Gene: Zelda_30 Start: 27647, Stop: 28759, Start Num: 30

Candidate Starts for Zelda_30:

(Start: 30 @27647 has 272 MA's), (Start: 34 @27665 has 8 MA's), (50, 27716), (91, 27884), (105, 27962), (125, 28052), (131, 28076), (141, 28112), (153, 28169), (156, 28184), (157, 28193), (163, 28220), (164, 28223), (170, 28250), (183, 28313), (187, 28343), (191, 28349), (207, 28433), (209, 28442), (221, 28511), (227, 28547), (229, 28553), (232, 28565), (254, 28655), (257, 28673), (259, 28682), (266, 28700), (274, 28733),

Gene: Zemanar_28 Start: 27895, Stop: 28971, Start Num: 42

Candidate Starts for Zemanar_28:

(Start: 42 @27895 has 29 MA's), (47, 27904), (73, 28033), (88, 28072), (97, 28129), (110, 28192), (117, 28231), (125, 28267), (131, 28291), (141, 28327), (153, 28384), (156, 28399), (159, 28411), (163, 28435), (164, 28438), (175, 28480), (183, 28528), (186, 28549), (187, 28558), (191, 28564), (207, 28645), (210, 28663), (215, 28705), (217, 28714), (224, 28738), (232, 28777), (236, 28795), (238, 28813), (243, 28825), (244, 28828), (257, 28885), (259, 28894),

Gene: Zenteno07_33 Start: 27644, Stop: 28708, Start Num: 43

Candidate Starts for Zenteno07_33:

(Start: 43 @27644 has 3 MA's), (54, 27695), (72, 27779), (81, 27803), (114, 27956), (125, 28010), (131, 28034), (139, 28064), (148, 28109), (153, 28127), (159, 28154), (163, 28178), (187, 28301), (191, 28307), (207, 28388), (209, 28397), (210, 28406), (232, 28520), (236, 28538), (238, 28556), (255, 28616), (257, 28628), (272, 28679), (274, 28682),

Gene: Zonia_30 Start: 27670, Stop: 28782, Start Num: 30

Candidate Starts for Zonia_30:

(Start: 30 @27670 has 272 MA's), (Start: 34 @27688 has 8 MA's), (50, 27739), (91, 27907), (105, 27985), (125, 28075), (131, 28099), (141, 28135), (153, 28192), (156, 28207), (157, 28216), (163, 28243), (164, 28246), (170, 28273), (183, 28336), (191, 28372), (207, 28456), (209, 28465), (221, 28534), (227, 28570), (229, 28576), (232, 28588), (254, 28678), (257, 28696), (259, 28705), (266,

28723), (274, 28756),