Pham 283367

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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 283367 Report

This analysis was run 02/23/26 on database version 636.

Pham number 283367 has 501 members, 70 are drafts.

Phages represented in each track:
• Track 1 : Magic8_67, Plata_67
• Track 2 : Weher20_64, FriarPreacher_65, Murdoc_64, DirtJuice_67, Mulan_66, Pherdinand_67, Vista_65, Buckeye_67, Thora_65, Zonia_67, Zelda_67, Plmatters_65, MitKao_66, Maru_66, BlackStallion_67, ImtiyazSitla_67, Yoshand_67, Ashraf_67, UncleHowie_64, Gyarad_0066, Mosaic_64, LeeLot_66, Grand2040_65, PinheadLarry_66, Doddsville_65, Sophia_65, Surely_67, Etaye_66, Chorkpop_67, Dati_64, Trypo_68, Kailash_65, Mana_65, RedRaider89_69, Melc17_64, TooFast2Furius_68, Scrick_66, Fang_68, Durga_69, MelsMeow_66, Emiris_68, Legolas_68, Wallhey_67, Phareon_65, LemonSlice_67, Morgushi_65, Daffy_65, PhrodoBaggins_68, Slatt_67, Solosis_65, Harvey_64, AltPhacts_65, Vivaldi_67, Phipps_66, Held_65, Potter_64, BlueHusk_68, SallyH_69, DonSanchon_63, Matalotodo_65, Maskar_67, YouGoGlencoco_67, HighStump_68, TallGrassMM_65, Phleuron_65, Kwksand96_67, MRabcd_66, Dingo_64, Puhltonio_65, Adriana_68, DuchessDung_66, Daka_69, Nathan_67, KingVeVeVe_65, TomBombadil_67, BatteryCK_65, Caspiboi_66
• Track 3 : JDog_66, Pops_65, AbsoluteMadLad_67, CheetO_66
• Track 4 : Podrick_66, Prickles_68, Derpp_67, Cher_67, Pipsqueak_64, MichaelPhcott_65, Iridoclysis_66, Pinkman_66, Craff_70, Haimas_65, TyrionL_67, Squid_66, Lego3393_64, Cobra_67, FugateOSU_67, CharlieGBrown_65, Placalicious_67, Labeouficaum_67, Mesh1_67
• Track 5 : EmpTee_66, LuckyMarjie_64, Mesmerelda_66, Aelin_66, Pacifista_66, Selr12_68, Schadenfreude_67, ABU_66, Cornobble_66, Kwadwo_66, Sigman_67, Colbert_65, Spartan300_66, Beaglebox_65, Dice_66, JacAttac_67, Telesworld_65, Phunky_65, Vaticameos_64, Orfeu_66, ShiVal_65, Nyala_66, Tooj_65, Apizium_66, Dione_65
• Track 6 : Soto_64, SDcharge11_66
• Track 7 : Orwigg_66, FleetyMac_70, Swiphy_69, Chaelin_68, Boehler_67, Tomlarah_68, Chuni_69, Megamind20_68, Gwilliam_68, Chah_68, Gareth_67, Nicole21_68, Manad_66, Simielle_67, Giraffe_67, DelRivs_65, Scoot17C_67, Waterdiva_67, Numberten_66, Freya_64, Chunky_67, Roy17_65, ThreeOh3D2_68, Triad_69, Windsor_67, Bishoperium_67, SilverBell_68, OliverWalter_66, Childish_66, Eugenia_67, BoogieWoogie_68, Mutante_67, Serendipity_66, Inchworm_69, Cornbread_65, AngelCake_66, DolOn_72, Frankicide_65, KlimbOn_66, Altwerkus_65, Kikipoo_68, Skippy_68, Lopsy_65, Iridessa_68, ProfessorX_65, Brilliant_70, Virapocalypse_68, Newman_65, Crownjwl_65, Quisquiliae_68, Badfish_67, Mcshane_66, Bluephacebaby_67, Schueller_66, Hertubise_66, BlacksBerry_68, Hocus_66, QueenBeane_67, Antonia_66, Chute_68, Olive_66,

Soile_68, Longacauda_68, Mecca_67, DoesntMatter_64, Toni_67, Haleema_66, Olak_66, Lulumae_64, Keitherie_69, LeiMonet_70, Andre_69, Chipette_67, Megatron_67, Gwennie1_66, HogWash_67, IsaacEli_68, Xavier_66, Lulwa_65, LasagnaCat_69, Jillium_67, True_65, Jesabah_69, Katniss_68, Coletti_70, Charles1_68, DaddyDaniels_69, Rimu_67, Riggan_68, UAch1_67, Ricotta_67, Omniscient_68, MrPhizzler_70, PhatCats2014_67, Hartsy_66, Piglet_0067, Riverton_66, CamL_67, GreenChile_67, Timmi_66, Aonishiki_69, PhatLouie_69, CampRoach_68, Serpentine_0067, Khan1_68, Anderson_68, Jiraiya_68, HSavage_65, PallasAthena_69, JangoPhett_66, FremontTroll_66, SirBeauregard_68, Gophee_68, ShadowBud_68, Cannibal_67, Happabalu_66, Virgeve_66, Samaymay_67, Kimbrough_68, Hetaeria_66, Oosterbaan_66, Roscoe_67, Lumine_68, Burr_67, Aleia_67, Zaider_68, Valjean_66, Morty_68
- Track 8 : Basato_66, Banjo_65, Oline_66, Hamish_64, GeneCoco_67, Swish_67, KingTut_58, SassyCat97_65, Lasso_66
- Track 9 : OSmaximus_67, Fozzie_66
- Track 10 : Vortex_66
- Track 11 : PG1_66, Orion_67
- Track 12 : Veritas_66, FluffyNinja_67, LostAndPhound_66
- Track 13 : RedMaple_68
- Track 14 : Jiminy_68, JakeO_68, Karn_68, Thunderbird_67, Duggie_67, Struggle_67
- Track 15 : Phergie_67, PhrankReynolds_66, Mag7_65
- Track 16 : KLucky39_65, Suffolk_65, Eremos_66, Nacho_0070
- Track 17 : ElvisPhasley_67
- Track 18 : Inverness_65, Horchata_64, MiniBoss_64, Sheila_63
- Track 19 : Flake_70, Larson_70
- Track 20 : PhenghisKhan_67
- Track 21 : Roliet_64
- Track 22 : Squiggle_66
- Track 23 : HenryJackson_67, Kahve_67, Usavi_68
- Track 24 : Vaishali24_67, Robyn_67, Carthage_67
- Track 25 : Phamished_68
- Track 26 : Fringe_71
- Track 27 : Cosmolli16_68
- Track 28 : Mikota_64
- Track 29 : Lehmann_69
- Track 30 : Kloppinator_67
- Track 31 : Imvubu_60
- Track 32 : Indlovu_64
- Track 33 : LilMcDreamy_63
- Track 34 : Hashim76_69
- Track 35 : LittleMinkey_74
- Track 36 : BirdsNest_71
- Track 37 : Zenteno07_72
- Track 38 : Allegro_63, Glass_64, Phantasmagoria_62, Faze9_62, Bananafish_64
- Track 39 : Lars_64
- Track 40 : LizLemon_63
- Track 41 : ItsyBitsy1_62
- Track 42 : Brownie5_63, Coffee_63, Rosebush_62, Tinciduntsolum_64, Boyle_63, Hedgerow_63, Tres_63
- Track 43 : Kaleb_64
- Track 44 : Kheth_63
- Track 45 : West99_63

- Track 46 : Calamitous_64
- Track 47 : Kolhan_64, TA17A_65
- Track 48 : Godines_64
- Track 49 : Laurie_63
- Track 50 : Opia_64
- Track 51 : Rhinoforte_63
- Track 52 : Lephleur_63
- Track 53 : Eaglehorse_63
- Track 54 : Qyrzula_57
- Track 55 : Arbiter_61
- Track 56 : LilSmirk_63
- Track 57 : FrenchFry_64
- Track 58 : Ares_63, Blocker23_63
- Track 59 : MasterPo_64
- Track 60 : Vic9_00062
- Track 61 : Holeinone_63
- Track 62 : Sabella_63
- Track 63 : PrinceCharming_64
- Track 64 : Gervas_68, Athena_69, Audrey_67, Kronus_67, Corofin_67, Yahalom_65, Devonte_66, Halfpint_66, OrangeOswald_67
- Track 65 : SynergyX_67, Compostia_66, Gadjet_68, MmasiCarm_68, Kamiyu_67, Phaedrus_62, Philly_66, Chandler_67, Abinghost_67, Baloo_66
- Track 66 : Jackstina_63, Phlyer_67, Glubnar_68
- Track 67 : Yinz_67, ChaChing_67, GlenHope_68, Daisy_66, Heathcliff_67, SwainyDoc_68
- Track 68 : Chalmers_66, RomaT_67, Akoma_67, Nozo_67
- Track 69 : Bernardo_68
- Track 70 : Briakila_66, Neos5_66
- Track 71 : Pipefish_69
- Track 72 : Phayeta_69, SlippinJimmy_69, Obutu_68, Morty007_65
- Track 73 : Ben11_67
- Track 74 : Olivio_67
- Track 75 : Tydolla_64
- Track 76 : RagingRooster_66
- Track 77 : HarveySr_66
- Track 78 : Chentzyk_68
- Track 79 : Marley1013_67
- Track 80 : Rita1961_68, Marlia_68, Mortcellus_67, Deenasa_67, Casbah_67
- Track 81 : Mulaychimus_68, LestyG_65
- Track 82 : Shenandoah_66
- Track 83 : TinyTerror_68
- Track 84 : JAMaL_60, Xincheng_61
- Track 85 : BobbyK_61, Frederick_61
- Track 86 : JoyceMaria_60, Mithril_60, Waleliano_60
- Track 87 : Renkei_59, Hally898_59, Ahwei_59, Nanao_59, Lambano_59, Epah_59, GinPorsche_59, Antihero_59, LittleDigger_59, Poster_59
- Track 88 : Austelle_61
- Track 89 : Nigel_60
- Track 90 : BrownCNA_62
- Track 91 : Mudslide_60
- Track 92 : Prince_60
- Track 93 : RawrgerThat_61
- Track 94 : Magpie_59

- Track 95 : Stinger_61
- Track 96 : Hangman_60
- Track 97 : Cooper_62
- Track 98 : Fanaw_59
- Track 99 : ChrisnMich_60
- Track 100 : Zemanar_61, Lolalove_61
- Track 101 : Heath_59
- Track 102 : JaguarMi_62
- Track 103 : Apex_61
- Track 104 : Fortunato_61
- Track 105 : AlanGrant_64, Vincenzo_63
- Track 106 : QueenPie_58
- Track 107 : Hydro_60
- Track 108 : VioletZ_62
- Track 109 : Shenyu_65
- Track 110 : SirJeffery_65, EastView9101_65
- Track 111 : Reccee_66, Rita130_65
- Track 112 : Rich_65, Baee_66
- Track 113 : Phelemich_63, Reprobate_64
- Track 114 : Acadian_66, Donny_67, Suigeneris_67
- Track 115 : StinkyVeggy_65, KarasumaRum_65
- Track 116 : Nehemiah_64
- Track 117 : Mysterious_63
- Track 118 : DigitDog_66
- Track 119 : Serendipitous_64
- Track 120 : Nangang_65
- Track 121 : ForDig_61
- Track 122 : 40BC_060, 39HC_060
- Track 123 : Jolie1_060
- Track 124 : KayaCho_60
- Track 125 : Hosp_058
- Track 126 : Saguaro_63
- Track 127 : Thonko_66
- Track 128 : Quesadilla_65
- Track 129 : PenguinLover67_62
- Track 130 : Funsized_66
- Track 131 : Knocker_65
- Track 132 : CRB2_63
- Track 133 : CRB2_65
- Track 134 : Rinkes_62
- Track 135 : BiggityBass_59
- Track 136 : Ligma_61, Fresco_61, Axumite_61, Shatter_61
- Track 137 : AnClar_57, Yago84_58
- Track 138 : Sisko_59
- Track 139 : LittleMunchkin_62
- Track 140 : BobRoss2024_64
- Track 141 : Coldpizza_59
- Track 142 : CharlottesWeb_57
- Track 143 : NHagos_58
- Track 144 : Mariokart_57
- Track 145 : Sour_61
- Track 146 : AksarBAT_64

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

The start number called the most often in the published annotations is 71, it was called in 152 of the 431 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_66, AbsoluteMadLad_67, Aelin_66, Aleia_67, Altwerkus_65, Anderson_68, Andre_69, AngelCake_66, Antonia_66, Aonishiki_69, Apizium_66, Badfish_67, Beaglebox_65, Bishoperium_67, BlacksBerry_68, Bluephacebaby_67, Boehler_67, BoogieWoogie_68, Brilliant_70, Burr_67, CamL_67, CampRoach_68, Cannibal_67, Carthage_67, Chaelin_68, Chah_68, Charles1_68, CheetO_66, Childish_66, Chipette_67, Chuni_69, Chunky_67, Chute_68, Colbert_65, Coletti_70, Cornbread_65, Cornobble_66, Cosmolli16_68, Crownjwl_65, DaddyDaniels_69, DelRivs_65, Dice_66, Dione_65, DoesntMatter_64, DolOn_72, Duggie_67, EmpTee_66, Eugenia_67, Flake_70, FleetyMac_70, Fozzie_66, Frankicide_65, FremontTroll_66, Freya_64, Fringe_71, Gareth_67, Giraffe_67, Gophee_68, GreenChile_67, Gwennie1_66, Gwilliam_68, HSavage_65, Haleema_66, Happabalu_66, Hartsy_66, HenryJackson_67, Hertubise_66, Hetaeria_66, Hocus_66, HogWash_67, Inchworm_69, Iridessa_68, IsaacEli_68, JDog_66, JacAttac_67, JakeO_68, JangoPhett_66, Jesabah_69, Jillium_67, Jiminy_68, Jiraiya_68, Kahve_67, Karn_68, Katniss_68, Keitherie_69, Khan1_68, Kikipoo_68, Kimbrough_68, KlimbOn_66, Kwadwo_66, Larson_70, LasagnaCat_69, Lehmann_69, LeiMonet_70, Longacauda_68, Lopsy_65, LuckyMarjie_64, Lulumae_64, Lulwa_65, Lumine_68, Magic8_67, Manad_66, Mcshane_66, Mecca_67, Megamind20_68, Megatron_67, Mesmerelda_66, Morty_68, MrPhizzler_70, Mutante_67, Newman_65, Nicole21_68, Numberten_66, Nyala_66, OSmaximus_67, Olak_66, Olive_66, OliverWalter_66, Omniscient_68, Oosterbaan_66, Orfeu_66, Orwigg_66, Pacifista_66, PallasAthena_69, PhatCats2014_67, PhatLouie_69, Phunky_65, Piglet_0067, Plata_67, Pops_65, ProfessorX_65, QueenBeane_67, Quisquiliae_68, RedMaple_68, Ricotta_67, Riggan_68, Rimu_67, Riverton_66, Robyn_67, Roscoe_67, Roy17_65, Samaymay_67, Schadenfreude_67, Schueller_66, Scoot17C_67, Selr12_68, Serendipity_66, Serpentine_0067, ShadowBud_68, ShiVal_65, Sigman_67, SilverBell_68, Simielle_67, SirBeauregard_68, Skippy_68, Soile_68, Spartan300_66, Struggle_67, Swiphy_69, Telesworld_65, ThreeOh3D2_68, Thunderbird_67, Timmi_66, Tomlarah_68, Toni_67, Tooj_65, Triad_69, True_65, UAch1_67, Usavi_68, Vaishali24_67, Valjean_66, Vaticameos_64, Virapocalypse_68, Virgeve_66, Waterdiva_67, Windsor_67, Xavier_66, Zaider_68,

Genes that have the "Most Annotated" start but do not call it:
• Eremos_66, KLucky39_65, LittleMinkey_74, Nacho_0070, Orion_67, PG1_66, Suffolk_65,

Genes that do not have the "Most Annotated" start:
• 39HC_060, 40BC_060, Abinghost_67, Acadian_66, Adriana_68, Ahwei_59, Akoma_67, AksarBAT_64, AlanGrant_64, Allegro_63, AltPhacts_65, AnClar_57, Antihero_59, Apex_61, Arbiter_61, Ares_63, Ashraf_67, Athena_69, Audrey_67, Austelle_61, Axumite_61, Baee_66, Baloo_66, Bananafish_64, Banjo_65, Basato_66, BatteryCK_65, Ben11_67, Bernardo_68, BiggityBass_59, BirdsNest_71, BlackStallion_67, Blocker23_63, BlueHusk_68, BobRoss2024_64, BobbyK_61,

Boyle_63, Briakila_66, BrownCNA_62, Brownie5_63, Buckeye_67, CRB2_63, CRB2_65, Calamitous_64, Casbah_67, Caspiboi_66, ChaChing_67, Chalmers_66, Chandler_67, CharlieGBrown_65, CharlottesWeb_57, Chentzyk_68, Cher_67, Chorkpop_67, ChrisnMich_60, Cobra_67, Coffee_63, Coldpizza_59, Compostia_66, Cooper_62, Corofin_67, Craff_70, Daffy_65, Daisy_66, Daka_69, Dati_64, Deenasa_67, Derpp_67, Devonte_66, DigitDog_66, Dingo_64, DirtJuice_67, Doddsville_65, DonSanchon_63, Donny_67, DuchessDung_66, Durga_69, Eaglehorse_63, EastView9101_65, ElvisPhasley_67, Emiris_68, Epah_59, Etaye_66, Fanaw_59, Fang_68, Faze9_62, FluffyNinja_67, ForDig_61, Fortunato_61, Frederick_61, FrenchFry_64, Fresco_61, FriarPreacher_65, FugateOSU_67, Funsized_66, Gadjet_68, GeneCoco_67, Gervas_68, GinPorsche_59, Glass_64, GlenHope_68, Glubnar_68, Godines_64, Grand2040_65, Gyarad_0066, Haimas_65, Halfpint_66, Hally898_59, Hamish_64, Hangman_60, HarveySr_66, Harvey_64, Hashim76_69, Heath_59, Heathcliff_67, Hedgerow_63, Held_65, HighStump_68, Holeinone_63, Horchata_64, Hosp_058, Hydro_60, ImtiyazSitla_67, Imvubu_60, Indlovu_64, Inverness_65, Iridoclysis_66, ItsyBitsy1_62, JAMaL_60, Jackstina_63, JaguarMi_62, Jolie1_060, JoyceMaria_60, Kailash_65, Kaleb_64, Kamiyu_67, KarasumaRum_65, KayaCho_60, Kheth_63, KingTut_58, KingVeVeVe_65, Kloppinator_67, Knocker_65, Kolhan_64, Kronus_67, Kwksand96_67, Labeouficaum_67, Lambano_59, Lars_64, Lasso_66, Laurie_63, LeeLot_66, Lego3393_64, Legolas_68, LemonSlice_67, Lephleur_63, LestyG_65, Ligma_61, LilMcDreamy_63, LilSmirk_63, LittleDigger_59, LittleMunchkin_62, LizLemon_63, Lolalove_61, LostAndPhound_66, MRabcd_66, Mag7_65, Magpie_59, Mana_65, Mariokart_57, Marley1013_67, Marlia_68, Maru_66, Maskar_67, MasterPo_64, Matalotodo_65, Melc17_64, MelsMeow_66, Mesh1_67, MichaelPhcott_65, Mikota_64, MiniBoss_64, MitKao_66, Mithril_60, MmasiCarm_68, Morgushi_65, Mortcellus_67, Morty007_65, Mosaic_64, Mudslide_60, Mulan_66, Mulaychimus_68, Murdoc_64, Mysterious_63, NHagos_58, Nanao_59, Nangang_65, Nathan_67, Nehemiah_64, Neos5_66, Nigel_60, Nozo_67, Obutu_68, Oline_66, Olivio_67, Opia_64, OrangeOswald_67, PenguinLover67_62, Phaedrus_62, Phamished_68, Phantasmagoria_62, Phareon_65, Phayeta_69, Phelemich_63, PhenghisKhan_67, Pherdinand_67, Phergie_67, Philly_66, Phipps_66, Phleuron_65, Phlyer_67, PhrankReynolds_66, PhrodoBaggins_68, PinheadLarry_66, Pinkman_66, Pipefish_69, Pipsqueak_64, Placalicious_67, Plmatters_65, Podrick_66, Poster_59, Potter_64, Prickles_68, PrinceCharming_64, Prince_60, Puhltonio_65, QueenPie_58, Quesadilla_65, Qyrzula_57, RagingRooster_66, RawrgerThat_61, Reccee_66, RedRaider89_69, Renkei_59, Reprobate_64, Rhinoforte_63, Rich_65, Rinkes_62, Rita130_65, Rita1961_68, Roliet_64, RomaT_67, Rosebush_62, SDcharge11_66, Sabella_63, Saguaro_63, SallyH_69, SassyCat97_65, Scrick_66, Serendipitous_64, Shatter_61, Sheila_63, Shenandoah_66, Shenyu_65, SirJeffery_65, Sisko_59, Slatt_67, SlippinJimmy_69, Solosis_65, Sophia_65, Soto_64, Sour_61, Squid_66, Squiggle_66, Stinger_61, StinkyVeggy_65, Suigeneris_67, Surely_67, SwainyDoc_68, Swish_67, SynergyX_67, TA17A_65, TallGrassMM_65, Thonko_66, Thora_65, Tinciduntsolum_64, TinyTerror_68, TomBombadil_67, TooFast2Furius_68, Tres_63, Trypo_68, Tydolla_64, TyrionL_67, UncleHowie_64, Veritas_66, Vic9_00062, Vincenzo_63, VioletZ_62, Vista_65, Vivaldi_67, Vortex_66, Waleliano_60, Wallhey_67, Weher20_64, West99_63, Xincheng_61, Yago84_58, Yahalom_65, Yinz_67, Yoshand_67, YouGoGlencoco_67, Zelda_67, Zemanar_61, Zenteno07_72, Zonia_67,

Summary by start number:

Start 4:

- Found in 17 of 501 (3.4%) of genes in pham
- Manual Annotations of this start: 1 of 431
- Called 5.9% of time when present
- Phage (with cluster) where this start called: Qyrzula_57 (B2),

Start 11:
- Found in 11 of 501 (2.2%) of genes in pham
- Manual Annotations of this start: 1 of 431
- Called 9.1% of time when present
- Phage (with cluster) where this start called: ItsyBitsy1_62 (B2),

Start 23:
- Found in 1 of 501 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 431
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Rinkes_62 (B9),

Start 38:
- Found in 2 of 501 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 431
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Saguaro_63 (B7),

Start 42:
- Found in 23 of 501 (4.6%) of genes in pham
- Manual Annotations of this start: 3 of 431
- Called 13.0% of time when present
- Phage (with cluster) where this start called: BrownCNA_62 (B4), Fortunato_61 (B4), Magpie_59 (B4),

Start 43:
- Found in 121 of 501 (24.2%) of genes in pham
- Manual Annotations of this start: 22 of 431
- Called 18.2% of time when present
- Phage (with cluster) where this start called: CharlieGBrown_65 (B1), Cher_67 (B1), Cobra_67 (B1), Craff_70 (B1), Derpp_67 (B1), FugateOSU_67 (B1), Haimas_65 (B1), Iridoclysis_66 (B1), Labeouficaum_67 (B1), Lego3393_64 (B1), Mesh1_67 (B1), MichaelPhcott_65 (B1), Phamished_68 (B1), Pinkman_66 (B1), Pipsqueak_64 (B1), Placalicious_67 (B1), Podrick_66 (B1), Prickles_68 (B1), SDcharge11_66 (B1), Soto_64 (B1), Squid_66 (B1), TyrionL_67 (B1),

Start 46:
- Found in 38 of 501 (7.6%) of genes in pham
- Manual Annotations of this start: 17 of 431
- Called 84.2% of time when present
- Phage (with cluster) where this start called: Ahwei_59 (B4), Antihero_59 (B4), Apex_61 (B4), Austelle_61 (B4), BobbyK_61 (B4), ChrisnMich_60 (B4), Epah_59 (B4), Fanaw_59 (B4), Frederick_61 (B4), GinPorsche_59 (B4), Hally898_59 (B4), Hangman_60 (B4), Heath_59 (B4), Hydro_60 (B4), JAMaL_60 (B4), JaguarMi_62 (B4), JoyceMaria_60 (B4), Lambano_59 (B4), LittleDigger_59 (B4), Mithril_60 (B4), Mudslide_60 (B4), Nanao_59 (B4), Nigel_60 (B4), Poster_59 (B4), Prince_60 (B4), QueenPie_58 (B4), RawrgerThat_61 (B4), Renkei_59 (B4), Stinger_61 (B4), VioletZ_62 (B4), Waleliano_60 (B4), Xincheng_61 (B4),

Start 47:
• Found in 2 of 501 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Tydolla_64 (B3),

Start 51:
• Found in 51 of 501 (10.2%) of genes in pham
• Manual Annotations of this start: 11 of 431
• Called 29.4% of time when present
• Phage (with cluster) where this start called: 39HC_060 (B6), 40BC_060 (B6), AlanGrant_64 (B4), CRB2_63 (B9), CRB2_65 (B9), Indlovu_64 (B11), Jolie1_060 (B6), KayaCho_60 (B6), LilMcDreamy_63 (B12), Lolalove_61 (B4), PenguinLover67_62 (B9), Quesadilla_65 (B9), Shenyu_65 (B5), Vincenzo_63 (B4), Zemanar_61 (B4),

Start 54:
• Found in 1 of 501 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdsNest_71 (B13),

Start 56:
• Found in 5 of 501 (1.0%) of genes in pham
• Manual Annotations of this start: 3 of 431
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Mysterious_63 (B5), Phelemich_63 (B5), Reprobate_64 (B5),

Start 58:
• Found in 10 of 501 (2.0%) of genes in pham
• Manual Annotations of this start: 4 of 431
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Eremos_66 (B1), KLucky39_65 (B1), Nacho_0070 (B1), Suffolk_65 (B1),

Start 59:
• Found in 1 of 501 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Thonko_66 (B8),

Start 62:
• Found in 127 of 501 (25.3%) of genes in pham
• Manual Annotations of this start: 3 of 431
• Called 2.4% of time when present
• Phage (with cluster) where this start called: ElvisPhasley_67 (B1), Imvubu_60 (B10), Knocker_65 (B9),

Start 64:
• Found in 3 of 501 (0.6%) of genes in pham
• No Manual Annotations of this start.

• Called 66.7% of time when present
• Phage (with cluster) where this start called: KarasumaRum_65 (B5), StinkyVeggy_65 (B5),

Start 66:
• Found in 1 of 501 (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: BobRoss2024_64 (DR),

Start 68:
• Found in 2 of 501 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Funsized_66 (B9),

Start 70:
• Found in 38 of 501 (7.6%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 2.6% of time when present
• Phage (with cluster) where this start called: Arbiter_61 (B2),

Start 71:
• Found in 186 of 501 (37.1%) of genes in pham
• Manual Annotations of this start: 152 of 431
• Called 96.2% of time when present
• Phage (with cluster) where this start called: ABU_66 (B1), AbsoluteMadLad_67 (B1), Aelin_66 (B1), Aleia_67 (B1), Altwerkus_65 (B1), Anderson_68 (B1), Andre_69 (B1), AngelCake_66 (B1), Antonia_66 (B1), Aonishiki_69 (B1), Apizium_66 (B1), Badfish_67 (B1), Beaglebox_65 (B1), Bishoperium_67 (B1), BlacksBerry_68 (B1), Bluephacebaby_67 (B1), Boehler_67 (B1), BoogieWoogie_68 (B1), Brilliant_70 (B1), Burr_67 (B1), CamL_67 (B1), CampRoach_68 (B1), Cannibal_67 (B1), Carthage_67 (B1), Chaelin_68 (B1), Chah_68 (B1), Charles1_68 (B1), CheetO_66 (B1), Childish_66 (B1), Chipette_67 (B1), Chuni_69 (B1), Chunky_67 (B1), Chute_68 (B1), Colbert_65 (B1), Coletti_70 (B1), Cornbread_65 (B1), Cornobble_66 (B1), Cosmolli16_68 (B1), Crownjwl_65 (B1), DaddyDaniels_69 (B1), DelRivs_65 (B1), Dice_66 (B1), Dione_65 (B1), DoesntMatter_64 (B1), DolOn_72 (B1), Duggie_67 (B1), EmpTee_66 (B1), Eugenia_67 (B1), Flake_70 (B1), FleetyMac_70 (B1), Fozzie_66 (B1), Frankicide_65 (B1), FremontTroll_66 (B1), Freya_64 (B1), Fringe_71 (B1), Gareth_67 (B1), Giraffe_67 (B1), Gophee_68 (B1), GreenChile_67 (B1), Gwennie1_66 (B1), Gwilliam_68 (B1), HSavage_65 (B1), Haleema_66 (B1), Happabalu_66 (B1), Hartsy_66 (B1), HenryJackson_67 (B1), Hertubise_66 (B1), Hetaeria_66 (B1), Hocus_66 (B1), HogWash_67 (B1), Inchworm_69 (B1), Iridessa_68 (B1), IsaacEli_68 (B1), JDog_66 (B1), JacAttac_67 (B1), JakeO_68 (B1), JangoPhett_66 (B1), Jesabah_69 (B1), Jillium_67 (B1), Jiminy_68 (B1), Jiraiya_68 (B1), Kahve_67 (B1), Karn_68 (B1), Katniss_68 (B1), Keitherie_69 (B1), Khan1_68 (B1), Kikipoo_68 (B1), Kimbrough_68 (B1), KlimbOn_66 (B1), Kwadwo_66 (B1), Larson_70 (B1), LasagnaCat_69 (B1), Lehmann_69 (B1), LeiMonet_70 (B1), Longacauda_68 (B1), Lopsy_65 (B1), LuckyMarjie_64 (B1), Lulumae_64 (B1), Lulwa_65 (B1), Lumine_68 (B1), Magic8_67 (B1), Manad_66 (B1), Mcshane_66 (B1), Mecca_67 (B1), Megamind20_68 (B1), Megatron_67 (B1), Mesmerelda_66 (B1), Morty_68 (B1), MrPhizzler_70 (B1), Mutante_67 (B1), Newman_65 (B1), Nicole21_68 (B1), Numberten_66 (B1), Nyala_66 (B1), OSmaximus_67 (B1), Olak_66 (B1),

Olive_66 (B1), OliverWalter_66 (B1), Omniscient_68 (B1), Oosterbaan_66 (B1), Orfeu_66 (B1), Orwigg_66 (B1), Pacifista_66 (B1), PallasAthena_69 (B1), PhatCats2014_67 (B1), PhatLouie_69 (B1), Phunky_65 (B1), Piglet_0067 (B1), Plata_67 (B1), Pops_65 (B1), ProfessorX_65 (B1), QueenBeane_67 (B1), Quisquiliae_68 (B1), RedMaple_68 (B1), Ricotta_67 (B1), Riggan_68 (B1), Rimu_67 (B1), Riverton_66 (B1), Robyn_67 (B1), Roscoe_67 (B1), Roy17_65 (B1), Samaymay_67 (B1), Schadenfreude_67 (B1), Schueller_66 (B1), Scoot17C_67 (B1), Selr12_68 (B1), Serendipity_66 (B1), Serpentine_0067 (B1), ShadowBud_68 (B1), ShiVal_65 (B1), Sigman_67 (B1), SilverBell_68 (B1), Simielle_67 (B1), SirBeauregard_68 (B1), Skippy_68 (B1), Soile_68 (B1), Spartan300_66 (B1), Struggle_67 (B1), Swiphy_69 (B1), Telesworld_65 (B1), ThreeOh3D2_68 (B1), Thunderbird_67 (B1), Timmi_66 (B1), Tomlarah_68 (B1), Toni_67 (B1), Tooj_65 (B1), Triad_69 (B1), True_65 (B1), UAch1_67 (B1), Usavi_68 (B1), Vaishali24_67 (B1), Valjean_66 (B1), Vaticameos_64 (B1), Virapocalypse_68 (B1), Virgeve_66 (B1), Waterdiva_67 (B1), Windsor_67 (B1), Xavier_66 (B1), Zaider_68 (B1),

Start 75:
• Found in 38 of 501 (7.6%) of genes in pham
• Manual Annotations of this start: 7 of 431
• Called 21.1% of time when present
• Phage (with cluster) where this start called: Kolhan_64 (B2), Lars_64 (B2), LilSmirk_63 (B2), Opia_64 (B2), Rhinoforte_63 (B2), TA17A_65 (B2), Vic9_00062 (B2), West99_63 (B2),

Start 76:
• Found in 9 of 501 (1.8%) of genes in pham
• Manual Annotations of this start: 3 of 431
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Acadian_66 (B5), Donny_67 (B5), Suigeneris_67 (B5),

Start 77:
• Found in 46 of 501 (9.2%) of genes in pham
• Manual Annotations of this start: 39 of 431
• Called 91.3% of time when present
• Phage (with cluster) where this start called: Abinghost_67 (B3), Akoma_67 (B3), Athena_69 (B3), Audrey_67 (B3), Baloo_66 (B3), Ben11_67 (B3), Bernardo_68 (B3), Casbah_67 (B3), ChaChing_67 (B3), Chalmers_66 (B3), Chandler_67 (B3), Compostia_66 (B3), Corofin_67 (B3), Daisy_66 (B3), Deenasa_67 (B3), Devonte_66 (B3), Gadjet_68 (B3), Gervas_68 (B3), GlenHope_68 (B3), Glubnar_68 (B3), Halfpint_66 (B3), Heathcliff_67 (B3), Jackstina_63 (B3), Kamiyu_67 (B3), Kronus_67 (B3), LittleMinkey_74 (B13), Marlia_68 (B3), MmasiCarm_68 (B3), Mortcellus_67 (B3), Nozo_67 (B3), OrangeOswald_67 (B3), Phaedrus_62 (B3), Philly_66 (B3), Phlyer_67 (B3), RagingRooster_66 (B3), Rita1961_68 (B3), RomaT_67 (B3), SwainyDoc_68 (B3), SynergyX_67 (B3), TinyTerror_68 (B3), Yahalom_65 (B3), Yinz_67 (B3),

Start 79:
• Found in 10 of 501 (2.0%) of genes in pham
• Manual Annotations of this start: 4 of 431
• Called 70.0% of time when present
• Phage (with cluster) where this start called: Baee_66 (B5), DigitDog_66 (B5), Nangang_65 (B5), Nehemiah_64 (B5), Rich_65 (B5), Serendipitous_64 (B5),

Zenteno07_72 (B13),

Start 80:
• Found in 125 of 501 (25.0%) of genes in pham
• Manual Annotations of this start: 86 of 431
• Called 71.2% of time when present
• Phage (with cluster) where this start called: Adriana_68 (B1), AltPhacts_65 (B1), Ashraf_67 (B1), BatteryCK_65 (B1), BlackStallion_67 (B1), BlueHusk_68 (B1), Buckeye_67 (B1), Caspiboi_66 (B1), Chorkpop_67 (B1), Daffy_65 (B1), Daka_69 (B1), Dati_64 (B1), Dingo_64 (B1), DirtJuice_67 (B1), Doddsville_65 (B1), DonSanchon_63 (B1), DuchessDung_66 (B1), Durga_69 (B1), Emiris_68 (B1), Etaye_66 (B1), Fang_68 (B1), FriarPreacher_65 (B1), Grand2040_65 (B1), Gyarad_0066 (B1), Harvey_64 (B1), Held_65 (B1), HighStump_68 (B1), Horchata_64 (B1), ImtiyazSitla_67 (B1), Inverness_65 (B1), Kailash_65 (B1), KingVeVeVe_65 (B1), Kloppinator_67 (B1), Kwksand96_67 (B1), LeeLot_66 (B1), Legolas_68 (B1), LemonSlice_67 (B1), MRabcd_66 (B1), Mag7_65 (B1), Mana_65 (B1), Maru_66 (B1), Maskar_67 (B1), Matalotodo_65 (B1), Melc17_64 (B1), MelsMeow_66 (B1), Mikota_64 (B1), MiniBoss_64 (B1), MitKao_66 (B1), Morgushi_65 (B1), Mosaic_64 (B1), Mulan_66 (B1), Murdoc_64 (B1), Nathan_67 (B1), Phareon_65 (B1), Pherdinand_67 (B1), Phergie_67 (B1), Phipps_66 (B1), Phleuron_65 (B1), PhrankReynolds_66 (B1), PhrodoBaggins_68 (B1), PinheadLarry_66 (B1), Plmatters_65 (B1), Potter_64 (B1), Puhltonio_65 (B1), RedRaider89_69 (B1), Roliet_64 (B1), SallyH_69 (B1), Scrick_66 (B1), Sheila_63 (B1), Slatt_67 (B1), Solosis_65 (B1), Sophia_65 (B1), Squiggle_66 (B1), Surely_67 (B1), TallGrassMM_65 (B1), Thora_65 (B1), TomBombadil_67 (B1), TooFast2Furius_68 (B1), Trypo_68 (B1), UncleHowie_64 (B1), Vista_65 (B1), Vivaldi_67 (B1), Vortex_66 (B1), Wallhey_67 (B1), Weher20_64 (B1), Yoshand_67 (B1), YouGoGlencoco_67 (B1), Zelda_67 (B1), Zonia_67 (B1),

Start 82:
• Found in 4 of 501 (0.8%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 50.0% of time when present
• Phage (with cluster) where this start called: AksarBAT_64 (DR), HarveySr_66 (B3),

Start 83:
• Found in 2 of 501 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ForDig_61 (B6), Hosp_058 (B6),

Start 84:
• Found in 40 of 501 (8.0%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 2.5% of time when present
• Phage (with cluster) where this start called: Cooper_62 (B4),

Start 85:
• Found in 10 of 501 (2.0%) of genes in pham
• Manual Annotations of this start: 2 of 431
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Marley1013_67 (B3), NHagos_58 (DR),

Start 87:
• Found in 10 of 501 (2.0%) of genes in pham
• Manual Annotations of this start: 6 of 431
• Called 70.0% of time when present
• Phage (with cluster) where this start called: Briakila_66 (B3), Chentzyk_68 (B3), Morty007_65 (B3), Neos5_66 (B3), Obutu_68 (B3), Phayeta_69 (B3), SlippinJimmy_69 (B3),

Start 88:
• Found in 125 of 501 (25.0%) of genes in pham
• Manual Annotations of this start: 3 of 431
• Called 2.4% of time when present
• Phage (with cluster) where this start called: FluffyNinja_67 (B1), LostAndPhound_66 (B1), Veritas_66 (B1),

Start 89:
• Found in 7 of 501 (1.4%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 57.1% of time when present
• Phage (with cluster) where this start called: EastView9101_65 (B5), Reccee_66 (B5), Rita130_65 (B5), SirJeffery_65 (B5),

Start 92:
• Found in 45 of 501 (9.0%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 8.9% of time when present
• Phage (with cluster) where this start called: LestyG_65 (B3), Mulaychimus_68 (B3), Olivio_67 (B3), Shenandoah_66 (B3),

Start 94:
• Found in 128 of 501 (25.5%) of genes in pham
• Manual Annotations of this start: 10 of 431
• Called 7.8% of time when present
• Phage (with cluster) where this start called: Banjo_65 (B1), Basato_66 (B1), GeneCoco_67 (B1), Hamish_64 (B1), KingTut_58 (B1), Lasso_66 (B1), Oline_66 (B1), PhenghisKhan_67 (B1), SassyCat97_65 (B1), Swish_67 (B1),

Start 95:
• Found in 3 of 501 (0.6%) of genes in pham
• Manual Annotations of this start: 2 of 431
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Coldpizza_59 (DR), Pipefish_69 (B3),

Start 96:
• Found in 40 of 501 (8.0%) of genes in pham
• Manual Annotations of this start: 27 of 431
• Called 70.0% of time when present
• Phage (with cluster) where this start called: Allegro_63 (B2), Ares_63 (B2), Bananafish_64 (B2), Blocker23_63 (B2), Boyle_63 (B2), Brownie5_63 (B2), Calamitous_64 (B2), Coffee_63 (B2), Eaglehorse_63 (B2), Faze9_62 (B2), FrenchFry_64 (B2), Glass_64 (B2), Godines_64 (B2), Hashim76_69 (B13), Hedgerow_63 (B2), Holeinone_63 (B2), Kaleb_64 (B2), Kheth_63 (B2), Laurie_63 (B2), Lephleur_63 (B2), LizLemon_63 (B2), MasterPo_64 (B2), Phantasmagoria_62

(B2), PrinceCharming_64 (B2), Rosebush_62 (B2), Sabella_63 (B2), Tinciduntsolum_64 (B2), Tres_63 (B2),

Start 97:
• Found in 11 of 501 (2.2%) of genes in pham
• Manual Annotations of this start: 10 of 431
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnClar_57 (DR), Axumite_61 (DR), BiggityBass_59 (DR), CharlottesWeb_57 (DR), Fresco_61 (DR), Ligma_61 (DR), LittleMunchkin_62 (DR), Mariokart_57 (DR), Shatter_61 (DR), Sisko_59 (DR), Yago84_58 (DR),

Start 98:
• Found in 185 of 501 (36.9%) of genes in pham
• Manual Annotations of this start: 2 of 431
• Called 1.1% of time when present
• Phage (with cluster) where this start called: Orion_67 (B1), PG1_66 (B1),

Start 100:
• Found in 2 of 501 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 431
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Sour_61 (DR),

Summary by clusters:

There are 14 clusters represented in this pham: B10, B8, B11, B4, B5, B6, B7, B12, B1, B2, B3, DR, B9, B13,

Info for manual annotations of cluster B1:
•Start number 43 was manually annotated 22 times for cluster B1.
•Start number 58 was manually annotated 4 times for cluster B1.
•Start number 62 was manually annotated 1 time for cluster B1.
•Start number 71 was manually annotated 152 times for cluster B1.
•Start number 80 was manually annotated 86 times for cluster B1.
•Start number 88 was manually annotated 3 times for cluster B1.
•Start number 94 was manually annotated 10 times for cluster B1.
•Start number 98 was manually annotated 2 times for cluster B1.

Info for manual annotations of cluster B10:
•Start number 62 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 51 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 51 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 54 was manually annotated 1 time for cluster B13.
•Start number 79 was manually annotated 1 time for cluster B13.
•Start number 96 was manually annotated 1 time for cluster B13.

Info for manual annotations of cluster B2:
•Start number 4 was manually annotated 1 time for cluster B2.
•Start number 11 was manually annotated 1 time for cluster B2.
•Start number 70 was manually annotated 1 time for cluster B2.
•Start number 75 was manually annotated 7 times for cluster B2.
•Start number 96 was manually annotated 26 times for cluster B2.

Info for manual annotations of cluster B3:
•Start number 47 was manually annotated 1 time for cluster B3.
•Start number 77 was manually annotated 39 times for cluster B3.
•Start number 82 was manually annotated 1 time for cluster B3.
•Start number 85 was manually annotated 1 time for cluster B3.
•Start number 87 was manually annotated 6 times for cluster B3.
•Start number 92 was manually annotated 1 time for cluster B3.
•Start number 95 was manually annotated 1 time for cluster B3.

Info for manual annotations of cluster B4:
•Start number 42 was manually annotated 3 times for cluster B4.
•Start number 46 was manually annotated 17 times for cluster B4.
•Start number 51 was manually annotated 4 times for cluster B4.
•Start number 84 was manually annotated 1 time for cluster B4.

Info for manual annotations of cluster B5:
•Start number 56 was manually annotated 3 times for cluster B5.
•Start number 76 was manually annotated 3 times for cluster B5.
•Start number 79 was manually annotated 3 times for cluster B5.
•Start number 89 was manually annotated 1 time for cluster B5.

Info for manual annotations of cluster B6:
•Start number 51 was manually annotated 1 time for cluster B6.
•Start number 83 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B7:
•Start number 38 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:
•Start number 59 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 23 was manually annotated 1 time for cluster B9.
•Start number 51 was manually annotated 4 times for cluster B9.
•Start number 62 was manually annotated 1 time for cluster B9.
•Start number 68 was manually annotated 1 time for cluster B9.

Info for manual annotations of cluster DR:
•Start number 85 was manually annotated 1 time for cluster DR.
•Start number 95 was manually annotated 1 time for cluster DR.
•Start number 97 was manually annotated 10 times for cluster DR.
•Start number 100 was manually annotated 1 time for cluster DR.

Gene Information:

Gene: 39HC_060 Start: 55484, Stop: 56254, Start Num: 51
Candidate Starts for 39HC_060:
(Start: 51 @55484 has 11 MA's), (109, 55592), (116, 55625), (125, 55670), (192, 55778), (205, 55835),
(211, 55847), (212, 55853), (217, 55871), (221, 55877), (225, 55883), (236, 55898), (246, 55919),
(250, 55928), (253, 55937), (282, 56024), (294, 56060), (327, 56186),

Gene: 40BC_060 Start: 55484, Stop: 56254, Start Num: 51
Candidate Starts for 40BC_060:
(Start: 51 @55484 has 11 MA's), (109, 55592), (116, 55625), (125, 55670), (192, 55778), (205, 55835),
(211, 55847), (212, 55853), (217, 55871), (221, 55877), (225, 55883), (236, 55898), (246, 55919),
(250, 55928), (253, 55937), (282, 56024), (294, 56060), (327, 56186),

Gene: ABU_66 Start: 56527, Stop: 57288, Start Num: 71
Candidate Starts for ABU_66:
(Start: 71 @56527 has 152 MA's), (Start: 98 @56566 has 2 MA's), (113, 56629), (117, 56647), (127,
56701), (134, 56725), (163, 56758), (192, 56803), (194, 56815), (211, 56872), (214, 56884), (217,
56896), (238, 56932), (251, 56971), (254, 56977), (263, 56998), (267, 57007), (277, 57043), (297,
57127), (310, 57178), (319, 57205), (338, 57250), (341, 57262), (346, 57280),

Gene: Abinghost_67 Start: 56443, Stop: 57210, Start Num: 77
Candidate Starts for Abinghost_67:
(Start: 77 @56443 has 39 MA's), (Start: 92 @56479 has 1 MA's), (103, 56509), (122, 56593), (127,
56626), (138, 56659), (170, 56695), (174, 56701), (183, 56719), (188, 56725), (212, 56803), (230,
56839), (250, 56866), (257, 56884), (321, 57103), (347, 57175), (348, 57205),

Gene: AbsoluteMadLad_67 Start: 56482, Stop: 57243, Start Num: 71
Candidate Starts for AbsoluteMadLad_67:
(Start: 58 @56455 has 4 MA's), (Start: 71 @56482 has 152 MA's), (Start: 98 @56521 has 2 MA's),
(113, 56584), (117, 56602), (127, 56656), (134, 56680), (163, 56713), (192, 56758), (194, 56770),
(199, 56791), (211, 56827), (214, 56839), (217, 56851), (238, 56887), (251, 56926), (254, 56932),
(263, 56953), (267, 56962), (277, 56998), (297, 57082), (310, 57133), (319, 57160), (338, 57205),
(341, 57217), (346, 57235),

Gene: Acadian_66 Start: 57500, Stop: 58237, Start Num: 76
Candidate Starts for Acadian_66:
(Start: 76 @57500 has 3 MA's), (Start: 89 @57527 has 1 MA's), (101, 57551), (125, 57665), (152,
57722), (195, 57794), (203, 57833), (208, 57842), (226, 57887), (276, 57992), (279, 58001), (315,
58145), (343, 58214),

Gene: Adriana_68 Start: 57095, Stop: 57859, Start Num: 80
Candidate Starts for Adriana_68:
(Start: 43 @57005 has 22 MA's), (Start: 62 @57056 has 3 MA's), (65, 57059), (73, 57077), (Start: 80
@57095 has 86 MA's), (Start: 88 @57116 has 3 MA's), (Start: 94 @57128 has 10 MA's), (104, 57155),
(129, 57278), (133, 57290), (172, 57341), (180, 57356), (191, 57377), (192, 57380), (195, 57395),
(211, 57449), (220, 57476), (225, 57482), (295, 57668), (321, 57764), (327, 57782), (330, 57791),

Gene: Aelin_66 Start: 56047, Stop: 56808, Start Num: 71
Candidate Starts for Aelin_66:
(Start: 71 @56047 has 152 MA's), (Start: 98 @56086 has 2 MA's), (113, 56149), (117, 56167), (127,
56221), (134, 56245), (163, 56278), (192, 56323), (194, 56335), (211, 56392), (214, 56404), (217,
56416), (238, 56452), (251, 56491), (254, 56497), (263, 56518), (267, 56527), (277, 56563), (297,
56647), (310, 56698), (319, 56725), (338, 56770), (341, 56782), (346, 56800),

Gene: Ahwei_59 Start: 56073, Stop: 56843, Start Num: 46
Candidate Starts for Ahwei_59:
(22, 55983), (Start: 46 @56073 has 17 MA's), (Start: 51 @56082 has 11 MA's), (Start: 84 @56127 has 1 MA's), (109, 56187), (111, 56196), (112, 56202), (113, 56205), (125, 56265), (127, 56277), (133, 56295), (146, 56307), (167, 56337), (192, 56373), (195, 56388), (211, 56442), (212, 56448), (225, 56478), (228, 56484), (246, 56514), (254, 56535), (267, 56565), (276, 56598), (282, 56619), (294, 56667), (296, 56688), (298, 56697), (314, 56763), (327, 56793),

Gene: Akoma_67 Start: 56483, Stop: 57250, Start Num: 77
Candidate Starts for Akoma_67:
(Start: 77 @56483 has 39 MA's), (Start: 92 @56519 has 1 MA's), (103, 56549), (122, 56633), (127, 56666), (138, 56699), (170, 56735), (174, 56741), (183, 56759), (188, 56765), (212, 56843), (230, 56879), (250, 56906), (257, 56924), (276, 56978), (303, 57071), (321, 57143), (347, 57215), (348, 57245),

Gene: AksarBAT_64 Start: 51202, Stop: 51921, Start Num: 82
Candidate Starts for AksarBAT_64:
(24, 51025), (26, 51028), (40, 51079), (60, 51148), (Start: 82 @51202 has 1 MA's), (Start: 85 @51208 has 2 MA's), (109, 51283), (113, 51301), (137, 51403), (139, 51406), (160, 51430), (165, 51436), (169, 51442), (179, 51460), (190, 51478), (194, 51490), (195, 51493), (203, 51532), (212, 51553), (227, 51586), (250, 51631), (252, 51634), (255, 51640), (262, 51649), (291, 51739), (295, 51766), (301, 51784), (307, 51814), (331, 51880), (336, 51889),

Gene: AlanGrant_64 Start: 58328, Stop: 59071, Start Num: 51
Candidate Starts for AlanGrant_64:
(Start: 51 @58328 has 11 MA's), (Start: 84 @58370 has 1 MA's), (113, 58448), (148, 58553), (167, 58574), (192, 58610), (195, 58625), (198, 58640), (211, 58679), (212, 58685), (217, 58703), (221, 58709), (230, 58724), (243, 58742), (253, 58769), (272, 58820), (273, 58823), (296, 58913), (301, 58928), (310, 58970), (314, 58988), (321, 59003), (329, 59024), (332, 59033), (345, 59063),

Gene: Aleia_67 Start: 56187, Stop: 56948, Start Num: 71
Candidate Starts for Aleia_67:
(Start: 71 @56187 has 152 MA's), (Start: 98 @56226 has 2 MA's), (113, 56289), (117, 56307), (127, 56361), (134, 56385), (163, 56418), (192, 56463), (194, 56475), (199, 56496), (211, 56532), (214, 56544), (217, 56556), (238, 56592), (251, 56631), (254, 56637), (263, 56658), (267, 56667), (277, 56703), (297, 56787), (310, 56838), (319, 56865), (338, 56910), (341, 56922), (346, 56940),

Gene: Allegro_63 Start: 54751, Stop: 55452, Start Num: 96
Candidate Starts for Allegro_63:
(Start: 11 @54493 has 1 MA's), (Start: 70 @54706 has 1 MA's), (Start: 75 @54718 has 7 MA's), (Start: 96 @54751 has 27 MA's), (114, 54823), (117, 54838), (122, 54859), (144, 54922), (183, 54979), (184, 54982), (192, 54991), (194, 55003), (206, 55051), (211, 55060), (225, 55093), (228, 55099), (261, 55168), (273, 55198), (277, 55213), (296, 55288), (301, 55303), (314, 55363), (326, 55390),

Gene: AltPhacts_65 Start: 55582, Stop: 56346, Start Num: 80
Candidate Starts for AltPhacts_65:
(Start: 43 @55492 has 22 MA's), (Start: 62 @55543 has 3 MA's), (65, 55546), (73, 55564), (Start: 80 @55582 has 86 MA's), (Start: 88 @55603 has 3 MA's), (Start: 94 @55615 has 10 MA's), (104, 55642), (129, 55765), (133, 55777), (172, 55828), (180, 55843), (191, 55864), (192, 55867), (195, 55882), (211, 55936), (220, 55963), (225, 55969), (295, 56155), (321, 56251), (327, 56269), (330, 56278),

Gene: Altwerkus_65 Start: 55690, Stop: 56451, Start Num: 71
Candidate Starts for Altwerkus_65:

(Start: 71 @55690 has 152 MA's), (Start: 98 @55729 has 2 MA's), (113, 55792), (117, 55810), (127, 55864), (134, 55888), (163, 55921), (192, 55966), (194, 55978), (199, 55999), (211, 56035), (214, 56047), (217, 56059), (238, 56095), (251, 56134), (254, 56140), (263, 56161), (267, 56170), (277, 56206), (297, 56290), (310, 56341), (319, 56368), (338, 56413), (341, 56425), (346, 56443),

Gene: AnClar_57 Start: 50875, Stop: 51657, Start Num: 97
Candidate Starts for AnClar_57:
(86, 50860), (Start: 97 @50875 has 10 MA's), (140, 51052), (169, 51094), (177, 51109), (192, 51139), (201, 51181), (203, 51193), (211, 51208), (212, 51214), (214, 51220), (217, 51232), (232, 51262), (251, 51313), (258, 51328), (277, 51388), (295, 51487), (300, 51505), (309, 51544), (334, 51613),

Gene: Anderson_68 Start: 56262, Stop: 57023, Start Num: 71
Candidate Starts for Anderson_68:
(Start: 71 @56262 has 152 MA's), (Start: 98 @56301 has 2 MA's), (113, 56364), (117, 56382), (127, 56436), (134, 56460), (163, 56493), (192, 56538), (194, 56550), (199, 56571), (211, 56607), (214, 56619), (217, 56631), (238, 56667), (251, 56706), (254, 56712), (263, 56733), (267, 56742), (277, 56778), (297, 56862), (310, 56913), (319, 56940), (338, 56985), (341, 56997), (346, 57015),

Gene: Andre_69 Start: 56442, Stop: 57203, Start Num: 71
Candidate Starts for Andre_69:
(Start: 71 @56442 has 152 MA's), (Start: 98 @56481 has 2 MA's), (113, 56544), (117, 56562), (127, 56616), (134, 56640), (163, 56673), (192, 56718), (194, 56730), (199, 56751), (211, 56787), (214, 56799), (217, 56811), (238, 56847), (251, 56886), (254, 56892), (263, 56913), (267, 56922), (277, 56958), (297, 57042), (310, 57093), (319, 57120), (338, 57165), (341, 57177), (346, 57195),

Gene: AngelCake_66 Start: 56179, Stop: 56940, Start Num: 71
Candidate Starts for AngelCake_66:
(Start: 71 @56179 has 152 MA's), (Start: 98 @56218 has 2 MA's), (113, 56281), (117, 56299), (127, 56353), (134, 56377), (163, 56410), (192, 56455), (194, 56467), (199, 56488), (211, 56524), (214, 56536), (217, 56548), (238, 56584), (251, 56623), (254, 56629), (263, 56650), (267, 56659), (277, 56695), (297, 56779), (310, 56830), (319, 56857), (338, 56902), (341, 56914), (346, 56932),

Gene: Antihero_59 Start: 56071, Stop: 56841, Start Num: 46
Candidate Starts for Antihero_59:
(22, 55981), (Start: 46 @56071 has 17 MA's), (Start: 51 @56080 has 11 MA's), (Start: 84 @56125 has 1 MA's), (109, 56185), (111, 56194), (112, 56200), (113, 56203), (125, 56263), (127, 56275), (133, 56293), (146, 56305), (167, 56335), (192, 56371), (195, 56386), (211, 56440), (212, 56446), (225, 56476), (228, 56482), (246, 56512), (254, 56533), (267, 56563), (276, 56596), (282, 56617), (294, 56665), (296, 56686), (298, 56695), (314, 56761), (327, 56791),

Gene: Antonia_66 Start: 56046, Stop: 56807, Start Num: 71
Candidate Starts for Antonia_66:
(Start: 71 @56046 has 152 MA's), (Start: 98 @56085 has 2 MA's), (113, 56148), (117, 56166), (127, 56220), (134, 56244), (163, 56277), (192, 56322), (194, 56334), (199, 56355), (211, 56391), (214, 56403), (217, 56415), (238, 56451), (251, 56490), (254, 56496), (263, 56517), (267, 56526), (277, 56562), (297, 56646), (310, 56697), (319, 56724), (338, 56769), (341, 56781), (346, 56799),

Gene: Aonishiki_69 Start: 56305, Stop: 57066, Start Num: 71
Candidate Starts for Aonishiki_69:
(Start: 71 @56305 has 152 MA's), (Start: 98 @56344 has 2 MA's), (113, 56407), (117, 56425), (127, 56479), (134, 56503), (163, 56536), (192, 56581), (194, 56593), (199, 56614), (211, 56650), (214, 56662), (217, 56674), (238, 56710), (251, 56749), (254, 56755), (263, 56776), (267, 56785), (277, 56821), (297, 56905), (310, 56956), (319, 56983), (338, 57028), (341, 57040), (346, 57058),

Gene: Apex_61 Start: 57293, Stop: 58072, Start Num: 46
Candidate Starts for Apex_61:
(Start: 42 @57266 has 3 MA's), (Start: 46 @57293 has 17 MA's), (Start: 51 @57302 has 11 MA's),
(Start: 84 @57356 has 1 MA's), (109, 57416), (111, 57425), (112, 57431), (113, 57434), (117, 57452),
(125, 57494), (127, 57506), (133, 57524), (146, 57536), (167, 57566), (192, 57602), (211, 57671),
(212, 57677), (225, 57707), (228, 57713), (246, 57743), (250, 57752), (254, 57764), (267, 57794),
(282, 57848), (294, 57896), (296, 57917), (297, 57923), (298, 57926), (314, 57992), (327, 58022),

Gene: Apizium_66 Start: 55708, Stop: 56469, Start Num: 71
Candidate Starts for Apizium_66:
(Start: 71 @55708 has 152 MA's), (Start: 98 @55747 has 2 MA's), (113, 55810), (117, 55828), (127,
55882), (134, 55906), (163, 55939), (192, 55984), (194, 55996), (211, 56053), (214, 56065), (217,
56077), (238, 56113), (251, 56152), (254, 56158), (263, 56179), (267, 56188), (277, 56224), (297,
56308), (310, 56359), (319, 56386), (338, 56431), (341, 56443), (346, 56461),

Gene: Arbiter_61 Start: 54813, Stop: 55559, Start Num: 70
Candidate Starts for Arbiter_61:
(1, 54402), (2, 54408), (Start: 4 @54441 has 1 MA's), (8, 54519), (9, 54540), (Start: 70 @54813 has 1
MA's), (Start: 75 @54825 has 7 MA's), (Start: 96 @54858 has 27 MA's), (114, 54930), (117, 54945),
(122, 54966), (144, 55029), (183, 55086), (184, 55089), (192, 55098), (194, 55110), (206, 55158),
(211, 55167), (225, 55200), (228, 55206), (261, 55275), (273, 55305), (277, 55320), (296, 55395),
(301, 55410), (314, 55470), (326, 55497),

Gene: Ares_63 Start: 54829, Stop: 55530, Start Num: 96
Candidate Starts for Ares_63:
(Start: 11 @54571 has 1 MA's), (20, 54628), (25, 54640), (Start: 70 @54784 has 1 MA's), (Start: 75
@54796 has 7 MA's), (Start: 96 @54829 has 27 MA's), (114, 54901), (117, 54916), (122, 54937), (144,
55000), (183, 55057), (184, 55060), (192, 55069), (194, 55081), (206, 55129), (211, 55138), (225,
55171), (228, 55177), (261, 55246), (273, 55276), (277, 55291), (296, 55366), (301, 55381), (314,
55441), (326, 55468),

Gene: Ashraf_67 Start: 56247, Stop: 57011, Start Num: 80
Candidate Starts for Ashraf_67:
(Start: 43 @56157 has 22 MA's), (Start: 62 @56208 has 3 MA's), (65, 56211), (73, 56229), (Start: 80
@56247 has 86 MA's), (Start: 88 @56268 has 3 MA's), (Start: 94 @56280 has 10 MA's), (104, 56307),
(129, 56430), (133, 56442), (172, 56493), (180, 56508), (191, 56529), (192, 56532), (195, 56547),
(211, 56601), (220, 56628), (225, 56634), (295, 56820), (321, 56916), (327, 56934), (330, 56943),

Gene: Athena_69 Start: 57218, Stop: 57985, Start Num: 77
Candidate Starts for Athena_69:
(Start: 77 @57218 has 39 MA's), (Start: 92 @57254 has 1 MA's), (103, 57284), (122, 57368), (127,
57401), (138, 57434), (170, 57470), (174, 57476), (183, 57494), (188, 57500), (212, 57578), (230,
57614), (250, 57641), (257, 57659), (303, 57806), (321, 57878), (332, 57911), (347, 57950), (348,
57980),

Gene: Audrey_67 Start: 56482, Stop: 57249, Start Num: 77
Candidate Starts for Audrey_67:
(Start: 77 @56482 has 39 MA's), (Start: 92 @56518 has 1 MA's), (103, 56548), (122, 56632), (127,
56665), (138, 56698), (170, 56734), (174, 56740), (183, 56758), (188, 56764), (212, 56842), (230,
56878), (250, 56905), (257, 56923), (303, 57070), (321, 57142), (332, 57175), (347, 57214), (348,
57244),

Gene: Austelle_61 Start: 57747, Stop: 58526, Start Num: 46
Candidate Starts for Austelle_61:
(15, 57630), (Start: 42 @57720 has 3 MA's), (Start: 46 @57747 has 17 MA's), (Start: 51 @57756 has 11 MA's), (Start: 84 @57810 has 1 MA's), (109, 57870), (111, 57879), (112, 57885), (113, 57888), (117, 57906), (125, 57948), (127, 57960), (133, 57978), (146, 57990), (167, 58020), (192, 58056), (211, 58125), (212, 58131), (225, 58161), (228, 58167), (246, 58197), (250, 58206), (254, 58218), (267, 58248), (282, 58302), (294, 58350), (296, 58371), (297, 58377), (298, 58380), (314, 58446), (327, 58476),

Gene: Axumite_61 Start: 49797, Stop: 50528, Start Num: 97
Candidate Starts for Axumite_61:
(Start: 97 @49797 has 10 MA's), (106, 49827), (113, 49860), (114, 49863), (126, 49929), (127, 49932), (131, 49944), (134, 49953), (158, 49974), (180, 50004), (181, 50007), (189, 50019), (192, 50031), (195, 50046), (206, 50091), (224, 50142), (239, 50169), (251, 50211), (259, 50229), (280, 50295), (296, 50382), (302, 50400), (314, 50457), (334, 50505),

Gene: Badfish_67 Start: 56548, Stop: 57309, Start Num: 71
Candidate Starts for Badfish_67:
(Start: 71 @56548 has 152 MA's), (Start: 98 @56587 has 2 MA's), (113, 56650), (117, 56668), (127, 56722), (134, 56746), (163, 56779), (192, 56824), (194, 56836), (199, 56857), (211, 56893), (214, 56905), (217, 56917), (238, 56953), (251, 56992), (254, 56998), (263, 57019), (267, 57028), (277, 57064), (297, 57148), (310, 57199), (319, 57226), (338, 57271), (341, 57283), (346, 57301),

Gene: Baee_66 Start: 58482, Stop: 59255, Start Num: 79
Candidate Starts for Baee_66:
(Start: 79 @58482 has 4 MA's), (148, 58692), (170, 58722), (172, 58725), (195, 58779), (209, 58830), (212, 58839), (232, 58878), (236, 58884), (256, 58932), (273, 58980), (296, 59070), (298, 59079), (317, 59151), (345, 59223),

Gene: Baloo_66 Start: 56315, Stop: 57082, Start Num: 77
Candidate Starts for Baloo_66:
(Start: 77 @56315 has 39 MA's), (Start: 92 @56351 has 1 MA's), (103, 56381), (122, 56465), (127, 56498), (138, 56531), (170, 56567), (174, 56573), (183, 56591), (188, 56597), (212, 56675), (230, 56711), (250, 56738), (257, 56756), (321, 56975), (347, 57047), (348, 57077),

Gene: Bananafish_64 Start: 54759, Stop: 55460, Start Num: 96
Candidate Starts for Bananafish_64:
(Start: 11 @54501 has 1 MA's), (Start: 70 @54714 has 1 MA's), (Start: 75 @54726 has 7 MA's), (Start: 96 @54759 has 27 MA's), (114, 54831), (117, 54846), (122, 54867), (144, 54930), (183, 54987), (184, 54990), (192, 54999), (194, 55011), (206, 55059), (211, 55068), (225, 55101), (228, 55107), (261, 55176), (273, 55206), (277, 55221), (296, 55296), (301, 55311), (314, 55371), (326, 55398),

Gene: Banjo_65 Start: 56057, Stop: 56788, Start Num: 94
Candidate Starts for Banjo_65:
(Start: 43 @55934 has 22 MA's), (Start: 62 @55985 has 3 MA's), (65, 55988), (73, 56006), (Start: 80 @56024 has 86 MA's), (Start: 88 @56045 has 3 MA's), (Start: 94 @56057 has 10 MA's), (104, 56084), (129, 56207), (133, 56219), (172, 56270), (180, 56285), (191, 56306), (192, 56309), (195, 56324), (211, 56378), (220, 56405), (225, 56411), (295, 56597), (321, 56693), (327, 56711), (330, 56720),

Gene: Basato_66 Start: 56333, Stop: 57064, Start Num: 94
Candidate Starts for Basato_66:
(Start: 43 @56210 has 22 MA's), (Start: 62 @56261 has 3 MA's), (65, 56264), (73, 56282), (Start: 80 @56300 has 86 MA's), (Start: 88 @56321 has 3 MA's), (Start: 94 @56333 has 10 MA's), (104, 56360),

(129, 56483), (133, 56495), (172, 56546), (180, 56561), (191, 56582), (192, 56585), (195, 56600), (211, 56654), (220, 56681), (225, 56687), (295, 56873), (321, 56969), (327, 56987), (330, 56996),

Gene: BatteryCK_65 Start: 55994, Stop: 56758, Start Num: 80
Candidate Starts for BatteryCK_65:
(Start: 43 @55904 has 22 MA's), (62 @55955 has 3 MA's), (65, 55958), (73, 55976), (Start: 80 @55994 has 86 MA's), (Start: 88 @56015 has 3 MA's), (Start: 94 @56027 has 10 MA's), (104, 56054), (129, 56177), (133, 56189), (172, 56240), (180, 56255), (191, 56276), (192, 56279), (195, 56294), (211, 56348), (220, 56375), (225, 56381), (295, 56567), (321, 56663), (327, 56681), (330, 56690),

Gene: Beaglebox_65 Start: 56102, Stop: 56863, Start Num: 71
Candidate Starts for Beaglebox_65:
(Start: 71 @56102 has 152 MA's), (Start: 98 @56141 has 2 MA's), (113, 56204), (117, 56222), (127, 56276), (134, 56300), (163, 56333), (192, 56378), (194, 56390), (211, 56447), (214, 56459), (217, 56471), (238, 56507), (251, 56546), (254, 56552), (263, 56573), (267, 56582), (277, 56618), (297, 56702), (310, 56753), (319, 56780), (338, 56825), (341, 56837), (346, 56855),

Gene: Ben11_67 Start: 56700, Stop: 57467, Start Num: 77
Candidate Starts for Ben11_67:
(Start: 77 @56700 has 39 MA's), (Start: 92 @56736 has 1 MA's), (103, 56766), (122, 56850), (127, 56883), (138, 56916), (170, 56952), (174, 56958), (183, 56976), (188, 56982), (212, 57060), (230, 57096), (250, 57123), (257, 57141), (276, 57195), (321, 57360), (332, 57393), (347, 57432), (348, 57462),

Gene: Bernardo_68 Start: 56681, Stop: 57448, Start Num: 77
Candidate Starts for Bernardo_68:
(Start: 77 @56681 has 39 MA's), (Start: 92 @56717 has 1 MA's), (103, 56747), (122, 56831), (138, 56897), (170, 56933), (174, 56939), (183, 56957), (188, 56963), (212, 57041), (230, 57077), (250, 57104), (257, 57122), (321, 57341), (347, 57413), (348, 57443),

Gene: BiggityBass_59 Start: 51447, Stop: 52217, Start Num: 97
Candidate Starts for BiggityBass_59:
(13, 51204), (30, 51261), (44, 51339), (61, 51381), (69, 51399), (Start: 97 @51447 has 10 MA's), (106, 51477), (122, 51549), (133, 51606), (143, 51624), (174, 51666), (192, 51705), (194, 51717), (200, 51741), (211, 51774), (223, 51813), (232, 51828), (239, 51843), (253, 51882), (264, 51909), (285, 51981), (291, 52023), (294, 52044), (299, 52077), (304, 52098), (317, 52146), (329, 52176),

Gene: BirdsNest_71 Start: 57680, Stop: 58516, Start Num: 54
Candidate Starts for BirdsNest_71:
(Start: 54 @57680 has 1 MA's), (57, 57689), (67, 57716), (Start: 94 @57764 has 10 MA's), (113, 57839), (138, 57941), (146, 57944), (195, 58034), (242, 58166), (249, 58184), (253, 58196), (261, 58217), (283, 58280), (286, 58289), (324, 58433), (329, 58448),

Gene: Bishoperium_67 Start: 56576, Stop: 57337, Start Num: 71
Candidate Starts for Bishoperium_67:
(Start: 71 @56576 has 152 MA's), (Start: 98 @56615 has 2 MA's), (113, 56678), (117, 56696), (127, 56750), (134, 56774), (163, 56807), (192, 56852), (194, 56864), (199, 56885), (211, 56921), (214, 56933), (217, 56945), (238, 56981), (251, 57020), (254, 57026), (263, 57047), (267, 57056), (277, 57092), (297, 57176), (310, 57227), (319, 57254), (338, 57299), (341, 57311), (346, 57329),

Gene: BlackStallion_67 Start: 56294, Stop: 57058, Start Num: 80
Candidate Starts for BlackStallion_67:

(Start: 43 @56204 has 22 MA's), (Start: 62 @56255 has 3 MA's), (65, 56258), (73, 56276), (Start: 80 @56294 has 86 MA's), (Start: 88 @56315 has 3 MA's), (Start: 94 @56327 has 10 MA's), (104, 56354), (129, 56477), (133, 56489), (172, 56540), (180, 56555), (191, 56576), (192, 56579), (195, 56594), (211, 56648), (220, 56675), (225, 56681), (295, 56867), (321, 56963), (327, 56981), (330, 56990),

Gene: BlacksBerry_68 Start: 55939, Stop: 56700, Start Num: 71
Candidate Starts for BlacksBerry_68:
(Start: 71 @55939 has 152 MA's), (Start: 98 @55978 has 2 MA's), (113, 56041), (117, 56059), (127, 56113), (134, 56137), (163, 56170), (192, 56215), (194, 56227), (199, 56248), (211, 56284), (214, 56296), (217, 56308), (238, 56344), (251, 56383), (254, 56389), (263, 56410), (267, 56419), (277, 56455), (297, 56539), (310, 56590), (319, 56617), (338, 56662), (341, 56674), (346, 56692),

Gene: Blocker23_63 Start: 54826, Stop: 55527, Start Num: 96
Candidate Starts for Blocker23_63:
(Start: 11 @54568 has 1 MA's), (20, 54625), (25, 54637), (Start: 70 @54781 has 1 MA's), (Start: 75 @54793 has 7 MA's), (Start: 96 @54826 has 27 MA's), (114, 54898), (117, 54913), (122, 54934), (144, 54997), (183, 55054), (184, 55057), (192, 55066), (194, 55078), (206, 55126), (211, 55135), (225, 55168), (228, 55174), (261, 55243), (273, 55273), (277, 55288), (296, 55363), (301, 55378), (314, 55438), (326, 55465),

Gene: BlueHusk_68 Start: 56049, Stop: 56813, Start Num: 80
Candidate Starts for BlueHusk_68:
(Start: 43 @55959 has 22 MA's), (Start: 62 @56010 has 3 MA's), (65, 56013), (73, 56031), (Start: 80 @56049 has 86 MA's), (Start: 88 @56070 has 3 MA's), (Start: 94 @56082 has 10 MA's), (104, 56109), (129, 56232), (133, 56244), (172, 56295), (180, 56310), (191, 56331), (192, 56334), (195, 56349), (211, 56403), (220, 56430), (225, 56436), (295, 56622), (321, 56718), (327, 56736), (330, 56745),

Gene: Bluephacebaby_67 Start: 56579, Stop: 57340, Start Num: 71
Candidate Starts for Bluephacebaby_67:
(Start: 71 @56579 has 152 MA's), (Start: 98 @56618 has 2 MA's), (113, 56681), (117, 56699), (127, 56753), (134, 56777), (163, 56810), (192, 56855), (194, 56867), (199, 56888), (211, 56924), (214, 56936), (217, 56948), (238, 56984), (251, 57023), (254, 57029), (263, 57050), (267, 57059), (277, 57095), (297, 57179), (310, 57230), (319, 57257), (338, 57302), (341, 57314), (346, 57332),

Gene: BobRoss2024_64 Start: 51041, Stop: 51790, Start Num: 66
Candidate Starts for BobRoss2024_64:
(66, 51041), (125, 51203), (141, 51248), (170, 51287), (183, 51311), (192, 51332), (203, 51386), (211, 51401), (212, 51407), (221, 51431), (233, 51449), (237, 51455), (263, 51506), (287, 51578), (329, 51740),

Gene: BobbyK_61 Start: 57055, Stop: 57834, Start Num: 46
Candidate Starts for BobbyK_61:
(15, 56938), (Start: 42 @57028 has 3 MA's), (Start: 46 @57055 has 17 MA's), (Start: 51 @57064 has 11 MA's), (Start: 84 @57118 has 1 MA's), (109, 57178), (111, 57187), (112, 57193), (113, 57196), (124, 57253), (125, 57256), (127, 57268), (133, 57286), (146, 57298), (167, 57328), (192, 57364), (211, 57433), (212, 57439), (225, 57469), (228, 57475), (246, 57505), (250, 57514), (254, 57526), (267, 57556), (282, 57610), (294, 57658), (296, 57679), (297, 57685), (298, 57688), (314, 57754), (327, 57784),

Gene: Boehler_67 Start: 56224, Stop: 56985, Start Num: 71
Candidate Starts for Boehler_67:
(Start: 71 @56224 has 152 MA's), (Start: 98 @56263 has 2 MA's), (113, 56326), (117, 56344), (127, 56398), (134, 56422), (163, 56455), (192, 56500), (194, 56512), (199, 56533), (211, 56569), (214,

56581), (217, 56593), (238, 56629), (251, 56668), (254, 56674), (263, 56695), (267, 56704), (277, 56740), (297, 56824), (310, 56875), (319, 56902), (338, 56947), (341, 56959), (346, 56977),

Gene: BoogieWoogie_68 Start: 56012, Stop: 56773, Start Num: 71
Candidate Starts for BoogieWoogie_68:
(Start: 71 @56012 has 152 MA's), (Start: 98 @56051 has 2 MA's), (113, 56114), (117, 56132), (127, 56186), (134, 56210), (163, 56243), (192, 56288), (194, 56300), (199, 56321), (211, 56357), (214, 56369), (217, 56381), (238, 56417), (251, 56456), (254, 56462), (263, 56483), (267, 56492), (277, 56528), (297, 56612), (310, 56663), (319, 56690), (338, 56735), (341, 56747), (346, 56765),

Gene: Boyle_63 Start: 54867, Stop: 55568, Start Num: 96
Candidate Starts for Boyle_63:
(1, 54411), (2, 54417), (3, 54420), (Start: 4 @54450 has 1 MA's), (8, 54528), (9, 54549), (Start: 70 @54822 has 1 MA's), (Start: 75 @54834 has 7 MA's), (Start: 96 @54867 has 27 MA's), (114, 54939), (117, 54954), (122, 54975), (144, 55038), (183, 55095), (184, 55098), (192, 55107), (194, 55119), (206, 55167), (211, 55176), (225, 55209), (228, 55215), (261, 55284), (273, 55314), (277, 55329), (296, 55404), (301, 55419), (314, 55479), (326, 55506),

Gene: Briakila_66 Start: 56395, Stop: 57078, Start Num: 87
Candidate Starts for Briakila_66:
(81, 56380), (Start: 85 @56389 has 2 MA's), (Start: 87 @56395 has 6 MA's), (122, 56521), (135, 56578), (153, 56599), (156, 56602), (186, 56647), (206, 56707), (216, 56734), (217, 56737), (219, 56740), (260, 56803), (266, 56818), (268, 56821), (270, 56833), (293, 56908), (296, 56932), (310, 56989), (317, 57007), (321, 57016), (344, 57070),

Gene: Brilliant_70 Start: 56545, Stop: 57306, Start Num: 71
Candidate Starts for Brilliant_70:
(Start: 71 @56545 has 152 MA's), (Start: 98 @56584 has 2 MA's), (113, 56647), (117, 56665), (127, 56719), (134, 56743), (163, 56776), (192, 56821), (194, 56833), (199, 56854), (211, 56890), (214, 56902), (217, 56914), (238, 56950), (251, 56989), (254, 56995), (263, 57016), (267, 57025), (277, 57061), (297, 57145), (310, 57196), (319, 57223), (338, 57268), (341, 57280), (346, 57298),

Gene: BrownCNA_62 Start: 57403, Stop: 58212, Start Num: 42
Candidate Starts for BrownCNA_62:
(Start: 42 @57403 has 3 MA's), (Start: 46 @57430 has 17 MA's), (Start: 51 @57439 has 11 MA's), (Start: 84 @57493 has 1 MA's), (113, 57571), (148, 57676), (161, 57694), (164, 57697), (192, 57739), (203, 57793), (211, 57808), (212, 57814), (217, 57832), (225, 57844), (228, 57850), (253, 57907), (273, 57961), (294, 58030), (301, 58066), (306, 58093), (307, 58096), (316, 58129), (327, 58156),

Gene: Brownie5_63 Start: 54869, Stop: 55570, Start Num: 96
Candidate Starts for Brownie5_63:
(1, 54413), (2, 54419), (3, 54422), (Start: 4 @54452 has 1 MA's), (8, 54530), (9, 54551), (Start: 70 @54824 has 1 MA's), (Start: 75 @54836 has 7 MA's), (Start: 96 @54869 has 27 MA's), (114, 54941), (117, 54956), (122, 54977), (144, 55040), (183, 55097), (184, 55100), (192, 55109), (194, 55121), (206, 55169), (211, 55178), (225, 55211), (228, 55217), (261, 55286), (273, 55316), (277, 55331), (296, 55406), (301, 55421), (314, 55481), (326, 55508),

Gene: Buckeye_67 Start: 57114, Stop: 57878, Start Num: 80
Candidate Starts for Buckeye_67:
(Start: 43 @57024 has 22 MA's), (Start: 62 @57075 has 3 MA's), (65, 57078), (73, 57096), (Start: 80 @57114 has 86 MA's), (Start: 88 @57135 has 3 MA's), (Start: 94 @57147 has 10 MA's), (104, 57174), (129, 57297), (133, 57309), (172, 57360), (180, 57375), (191, 57396), (192, 57399), (195, 57414), (211, 57468), (220, 57495), (225, 57501), (295, 57687), (321, 57783), (327, 57801), (330, 57810),

Gene: Burr_67 Start: 56012, Stop: 56773, Start Num: 71
Candidate Starts for Burr_67:
(Start: 71 @56012 has 152 MA's), (Start: 98 @56051 has 2 MA's), (113, 56114), (117, 56132), (127, 56186), (134, 56210), (163, 56243), (192, 56288), (194, 56300), (199, 56321), (211, 56357), (214, 56369), (217, 56381), (238, 56417), (251, 56456), (254, 56462), (263, 56483), (267, 56492), (277, 56528), (297, 56612), (310, 56663), (319, 56690), (338, 56735), (341, 56747), (346, 56765),

Gene: CRB2_63 Start: 58137, Stop: 58889, Start Num: 51
Candidate Starts for CRB2_63:
(Start: 51 @58137 has 11 MA's), (103, 58218), (125, 58323), (158, 58380), (195, 58443), (212, 58503), (249, 58575), (253, 58587), (256, 58593), (297, 58737), (310, 58788), (314, 58806), (318, 58815), (327, 58836), (329, 58842),

Gene: CRB2_65 Start: 59396, Stop: 60172, Start Num: 51
Candidate Starts for CRB2_65:
(41, 59360), (Start: 51 @59396 has 11 MA's), (113, 59537), (183, 59702), (192, 59714), (196, 59732), (203, 59768), (219, 59810), (236, 59834), (241, 59843), (246, 59858), (253, 59876), (263, 59894), (295, 60008), (317, 60092),

Gene: Calamitous_64 Start: 54757, Stop: 55458, Start Num: 96
Candidate Starts for Calamitous_64:
(1, 54301), (2, 54307), (Start: 4 @54340 has 1 MA's), (8, 54418), (9, 54439), (Start: 70 @54712 has 1 MA's), (Start: 75 @54724 has 7 MA's), (Start: 96 @54757 has 27 MA's), (114, 54829), (117, 54844), (122, 54865), (144, 54928), (183, 54985), (184, 54988), (192, 54997), (194, 55009), (206, 55057), (211, 55066), (225, 55099), (228, 55105), (261, 55174), (273, 55204), (277, 55219), (296, 55294), (301, 55309), (314, 55369), (326, 55396),

Gene: CamL_67 Start: 56344, Stop: 57105, Start Num: 71
Candidate Starts for CamL_67:
(Start: 71 @56344 has 152 MA's), (Start: 98 @56383 has 2 MA's), (113, 56446), (117, 56464), (127, 56518), (134, 56542), (163, 56575), (192, 56620), (194, 56632), (199, 56653), (211, 56689), (214, 56701), (217, 56713), (238, 56749), (251, 56788), (254, 56794), (263, 56815), (267, 56824), (277, 56860), (297, 56944), (310, 56995), (319, 57022), (338, 57067), (341, 57079), (346, 57097),

Gene: CampRoach_68 Start: 56451, Stop: 57212, Start Num: 71
Candidate Starts for CampRoach_68:
(Start: 71 @56451 has 152 MA's), (Start: 98 @56490 has 2 MA's), (113, 56553), (117, 56571), (127, 56625), (134, 56649), (163, 56682), (192, 56727), (194, 56739), (199, 56760), (211, 56796), (214, 56808), (217, 56820), (238, 56856), (251, 56895), (254, 56901), (263, 56922), (267, 56931), (277, 56967), (297, 57051), (310, 57102), (319, 57129), (338, 57174), (341, 57186), (346, 57204),

Gene: Cannibal_67 Start: 56286, Stop: 57047, Start Num: 71
Candidate Starts for Cannibal_67:
(Start: 71 @56286 has 152 MA's), (Start: 98 @56325 has 2 MA's), (113, 56388), (117, 56406), (127, 56460), (134, 56484), (163, 56517), (192, 56562), (194, 56574), (199, 56595), (211, 56631), (214, 56643), (217, 56655), (238, 56691), (251, 56730), (254, 56736), (263, 56757), (267, 56766), (277, 56802), (297, 56886), (310, 56937), (319, 56964), (338, 57009), (341, 57021), (346, 57039),

Gene: Carthage_67 Start: 55950, Stop: 56711, Start Num: 71
Candidate Starts for Carthage_67:
(Start: 71 @55950 has 152 MA's), (Start: 98 @55989 has 2 MA's), (113, 56052), (117, 56070), (127, 56124), (134, 56148), (163, 56181), (192, 56226), (194, 56238), (211, 56295), (214, 56307), (217,

56319), (251, 56394), (253, 56397), (254, 56400), (263, 56421), (267, 56430), (277, 56466), (297, 56550), (310, 56601), (319, 56628), (338, 56673), (341, 56685), (346, 56703),

Gene: Casbah_67 Start: 56802, Stop: 57569, Start Num: 77
Candidate Starts for Casbah_67:
(Start: 77 @56802 has 39 MA's), (Start: 92 @56838 has 1 MA's), (103, 56868), (122, 56952), (127, 56985), (138, 57018), (170, 57054), (174, 57060), (183, 57078), (188, 57084), (212, 57162), (230, 57198), (250, 57225), (257, 57243), (276, 57297), (303, 57390), (321, 57462), (332, 57495), (347, 57534), (348, 57564),

Gene: Caspiboi_66 Start: 56257, Stop: 57021, Start Num: 80
Candidate Starts for Caspiboi_66:
(Start: 43 @56167 has 22 MA's), (Start: 62 @56218 has 3 MA's), (65, 56221), (73, 56239), (Start: 80 @56257 has 86 MA's), (Start: 88 @56278 has 3 MA's), (Start: 94 @56290 has 10 MA's), (104, 56317), (129, 56440), (133, 56452), (172, 56503), (180, 56518), (191, 56539), (192, 56542), (195, 56557), (211, 56611), (220, 56638), (225, 56644), (295, 56830), (321, 56926), (327, 56944), (330, 56953),

Gene: ChaChing_67 Start: 56500, Stop: 57267, Start Num: 77
Candidate Starts for ChaChing_67:
(Start: 77 @56500 has 39 MA's), (Start: 92 @56536 has 1 MA's), (103, 56566), (122, 56650), (127, 56683), (138, 56716), (170, 56752), (174, 56758), (183, 56776), (188, 56782), (212, 56860), (230, 56896), (250, 56923), (257, 56941), (303, 57088), (321, 57160), (347, 57232), (348, 57262),

Gene: Chaelin_68 Start: 56575, Stop: 57336, Start Num: 71
Candidate Starts for Chaelin_68:
(Start: 71 @56575 has 152 MA's), (Start: 98 @56614 has 2 MA's), (113, 56677), (117, 56695), (127, 56749), (134, 56773), (163, 56806), (192, 56851), (194, 56863), (199, 56884), (211, 56920), (214, 56932), (217, 56944), (238, 56980), (251, 57019), (254, 57025), (263, 57046), (267, 57055), (277, 57091), (297, 57175), (310, 57226), (319, 57253), (338, 57298), (341, 57310), (346, 57328),

Gene: Chah_68 Start: 55989, Stop: 56750, Start Num: 71
Candidate Starts for Chah_68:
(Start: 71 @55989 has 152 MA's), (Start: 98 @56028 has 2 MA's), (113, 56091), (117, 56109), (127, 56163), (134, 56187), (163, 56220), (192, 56265), (194, 56277), (199, 56298), (211, 56334), (214, 56346), (217, 56358), (238, 56394), (251, 56433), (254, 56439), (263, 56460), (267, 56469), (277, 56505), (297, 56589), (310, 56640), (319, 56667), (338, 56712), (341, 56724), (346, 56742),

Gene: Chalmers_66 Start: 56933, Stop: 57700, Start Num: 77
Candidate Starts for Chalmers_66:
(Start: 77 @56933 has 39 MA's), (Start: 92 @56969 has 1 MA's), (103, 56999), (122, 57083), (127, 57116), (138, 57149), (170, 57185), (174, 57191), (183, 57209), (188, 57215), (212, 57293), (230, 57329), (250, 57356), (257, 57374), (276, 57428), (303, 57521), (321, 57593), (347, 57665), (348, 57695),

Gene: Chandler_67 Start: 57262, Stop: 58029, Start Num: 77
Candidate Starts for Chandler_67:
(Start: 77 @57262 has 39 MA's), (Start: 92 @57298 has 1 MA's), (103, 57328), (122, 57412), (127, 57445), (138, 57478), (170, 57514), (174, 57520), (183, 57538), (188, 57544), (212, 57622), (230, 57658), (250, 57685), (257, 57703), (321, 57922), (347, 57994), (348, 58024),

Gene: Charles1_68 Start: 56299, Stop: 57060, Start Num: 71
Candidate Starts for Charles1_68:

(Start: 71 @56299 has 152 MA's), (Start: 98 @56338 has 2 MA's), (113, 56401), (117, 56419), (127, 56473), (134, 56497), (163, 56530), (192, 56575), (194, 56587), (199, 56608), (211, 56644), (214, 56656), (217, 56668), (238, 56704), (251, 56743), (254, 56749), (263, 56770), (267, 56779), (277, 56815), (297, 56899), (310, 56950), (319, 56977), (338, 57022), (341, 57034), (346, 57052),

Gene: CharlieGBrown_65 Start: 55849, Stop: 56703, Start Num: 43
Candidate Starts for CharlieGBrown_65:
(Start: 43 @55849 has 22 MA's), (Start: 62 @55900 has 3 MA's), (65, 55903), (73, 55921), (Start: 80 @55939 has 86 MA's), (Start: 88 @55960 has 3 MA's), (Start: 94 @55972 has 10 MA's), (104, 55999), (129, 56122), (133, 56134), (172, 56185), (180, 56200), (191, 56221), (192, 56224), (195, 56239), (211, 56293), (220, 56320), (225, 56326), (295, 56512), (321, 56608), (327, 56626), (330, 56635),

Gene: CharlottesWeb_57 Start: 48329, Stop: 49075, Start Num: 97
Candidate Starts for CharlottesWeb_57:
(86, 48317), (Start: 97 @48329 has 10 MA's), (106, 48356), (120, 48419), (143, 48503), (146, 48509), (154, 48518), (192, 48584), (194, 48596), (251, 48755), (297, 48917), (314, 48986),

Gene: CheetO_66 Start: 56262, Stop: 57023, Start Num: 71
Candidate Starts for CheetO_66:
(Start: 58 @56235 has 4 MA's), (Start: 71 @56262 has 152 MA's), (Start: 98 @56301 has 2 MA's), (113, 56364), (117, 56382), (127, 56436), (134, 56460), (163, 56493), (192, 56538), (194, 56550), (199, 56571), (211, 56607), (214, 56619), (217, 56631), (238, 56667), (251, 56706), (254, 56712), (263, 56733), (267, 56742), (277, 56778), (297, 56862), (310, 56913), (319, 56940), (338, 56985), (341, 56997), (346, 57015),

Gene: Chentzyk_68 Start: 57147, Stop: 57830, Start Num: 87
Candidate Starts for Chentzyk_68:
(81, 57132), (Start: 85 @57141 has 2 MA's), (Start: 87 @57147 has 6 MA's), (122, 57273), (135, 57330), (153, 57351), (156, 57354), (186, 57399), (206, 57459), (216, 57486), (219, 57492), (260, 57555), (266, 57570), (268, 57573), (270, 57585), (293, 57660), (296, 57684), (310, 57741), (317, 57759), (321, 57768), (327, 57783), (344, 57822),

Gene: Cher_67 Start: 56454, Stop: 57308, Start Num: 43
Candidate Starts for Cher_67:
(Start: 43 @56454 has 22 MA's), (Start: 62 @56505 has 3 MA's), (65, 56508), (73, 56526), (Start: 80 @56544 has 86 MA's), (Start: 88 @56565 has 3 MA's), (Start: 94 @56577 has 10 MA's), (104, 56604), (129, 56727), (133, 56739), (172, 56790), (180, 56805), (191, 56826), (192, 56829), (195, 56844), (211, 56898), (220, 56925), (225, 56931), (295, 57117), (321, 57213), (327, 57231), (330, 57240),

Gene: Childish_66 Start: 56565, Stop: 57326, Start Num: 71
Candidate Starts for Childish_66:
(Start: 71 @56565 has 152 MA's), (Start: 98 @56604 has 2 MA's), (113, 56667), (117, 56685), (127, 56739), (134, 56763), (163, 56796), (192, 56841), (194, 56853), (199, 56874), (211, 56910), (214, 56922), (217, 56934), (238, 56970), (251, 57009), (254, 57015), (263, 57036), (267, 57045), (277, 57081), (297, 57165), (310, 57216), (319, 57243), (338, 57288), (341, 57300), (346, 57318),

Gene: Chipette_67 Start: 56255, Stop: 57016, Start Num: 71
Candidate Starts for Chipette_67:
(Start: 71 @56255 has 152 MA's), (Start: 98 @56294 has 2 MA's), (113, 56357), (117, 56375), (127, 56429), (134, 56453), (163, 56486), (192, 56531), (194, 56543), (199, 56564), (211, 56600), (214, 56612), (217, 56624), (238, 56660), (251, 56699), (254, 56705), (263, 56726), (267, 56735), (277, 56771), (297, 56855), (310, 56906), (319, 56933), (338, 56978), (341, 56990), (346, 57008),

Gene: Chorkpop_67 Start: 56031, Stop: 56795, Start Num: 80
Candidate Starts for Chorkpop_67:
(Start: 43 @55941 has 22 MA's), (Start: 62 @55992 has 3 MA's), (65, 55995), (73, 56013), (Start: 80 @56031 has 86 MA's), (Start: 88 @56052 has 3 MA's), (Start: 94 @56064 has 10 MA's), (104, 56091), (129, 56214), (133, 56226), (172, 56277), (180, 56292), (191, 56313), (192, 56316), (195, 56331), (211, 56385), (220, 56412), (225, 56418), (295, 56604), (321, 56700), (327, 56718), (330, 56727),

Gene: ChrisnMich_60 Start: 56085, Stop: 56855, Start Num: 46
Candidate Starts for ChrisnMich_60:
(22, 55995), (Start: 46 @56085 has 17 MA's), (Start: 51 @56094 has 11 MA's), (Start: 84 @56139 has 1 MA's), (109, 56199), (111, 56208), (112, 56214), (113, 56217), (125, 56277), (127, 56289), (133, 56307), (146, 56319), (167, 56349), (192, 56385), (195, 56400), (211, 56454), (212, 56460), (225, 56490), (228, 56496), (246, 56526), (250, 56535), (254, 56547), (267, 56577), (276, 56610), (282, 56631), (294, 56679), (296, 56700), (298, 56709), (314, 56775), (327, 56805),

Gene: Chuni_69 Start: 56803, Stop: 57564, Start Num: 71
Candidate Starts for Chuni_69:
(Start: 71 @56803 has 152 MA's), (Start: 98 @56842 has 2 MA's), (113, 56905), (117, 56923), (127, 56977), (134, 57001), (163, 57034), (192, 57079), (194, 57091), (199, 57112), (211, 57148), (214, 57160), (217, 57172), (238, 57208), (251, 57247), (254, 57253), (263, 57274), (267, 57283), (277, 57319), (297, 57403), (310, 57454), (319, 57481), (338, 57526), (341, 57538), (346, 57556),

Gene: Chunky_67 Start: 55879, Stop: 56640, Start Num: 71
Candidate Starts for Chunky_67:
(Start: 71 @55879 has 152 MA's), (Start: 98 @55918 has 2 MA's), (113, 55981), (117, 55999), (127, 56053), (134, 56077), (163, 56110), (192, 56155), (194, 56167), (199, 56188), (211, 56224), (214, 56236), (217, 56248), (238, 56284), (251, 56323), (254, 56329), (263, 56350), (267, 56359), (277, 56395), (297, 56479), (310, 56530), (319, 56557), (338, 56602), (341, 56614), (346, 56632),

Gene: Chute_68 Start: 56603, Stop: 57364, Start Num: 71
Candidate Starts for Chute_68:
(Start: 71 @56603 has 152 MA's), (Start: 98 @56642 has 2 MA's), (113, 56705), (117, 56723), (127, 56777), (134, 56801), (163, 56834), (192, 56879), (194, 56891), (199, 56912), (211, 56948), (214, 56960), (217, 56972), (238, 57008), (251, 57047), (254, 57053), (263, 57074), (267, 57083), (277, 57119), (297, 57203), (310, 57254), (319, 57281), (338, 57326), (341, 57338), (346, 57356),

Gene: Cobra_67 Start: 56485, Stop: 57339, Start Num: 43
Candidate Starts for Cobra_67:
(Start: 43 @56485 has 22 MA's), (Start: 62 @56536 has 3 MA's), (65, 56539), (73, 56557), (Start: 80 @56575 has 86 MA's), (Start: 88 @56596 has 3 MA's), (Start: 94 @56608 has 10 MA's), (104, 56635), (129, 56758), (133, 56770), (172, 56821), (180, 56836), (191, 56857), (192, 56860), (195, 56875), (211, 56929), (220, 56956), (225, 56962), (295, 57148), (321, 57244), (327, 57262), (330, 57271),

Gene: Coffee_63 Start: 54861, Stop: 55562, Start Num: 96
Candidate Starts for Coffee_63:
(1, 54405), (2, 54411), (3, 54414), (Start: 4 @54444 has 1 MA's), (8, 54522), (9, 54543), (Start: 70 @54816 has 1 MA's), (Start: 75 @54828 has 7 MA's), (Start: 96 @54861 has 27 MA's), (114, 54933), (117, 54948), (122, 54969), (144, 55032), (183, 55089), (184, 55092), (192, 55101), (194, 55113), (206, 55161), (211, 55170), (225, 55203), (228, 55209), (261, 55278), (273, 55308), (277, 55323), (296, 55398), (301, 55413), (314, 55473), (326, 55500),

Gene: Colbert_65 Start: 55601, Stop: 56362, Start Num: 71
Candidate Starts for Colbert_65:

(Start: 71 @55601 has 152 MA's), (Start: 98 @55640 has 2 MA's), (113, 55703), (117, 55721), (127, 55775), (134, 55799), (163, 55832), (192, 55877), (194, 55889), (211, 55946), (214, 55958), (217, 55970), (238, 56006), (251, 56045), (254, 56051), (263, 56072), (267, 56081), (277, 56117), (297, 56201), (310, 56252), (319, 56279), (338, 56324), (341, 56336), (346, 56354),

Gene: Coldpizza_59 Start: 51714, Stop: 52400, Start Num: 95
Candidate Starts for Coldpizza_59:
(18, 51492), (31, 51522), (Start: 38 @51555 has 1 MA's), (Start: 42 @51573 has 3 MA's), (90, 51702), (93, 51708), (Start: 95 @51714 has 2 MA's), (104, 51741), (139, 51888), (142, 51891), (171, 51927), (195, 51972), (211, 52026), (212, 52032), (216, 52044), (243, 52095), (252, 52107), (270, 52146), (271, 52149), (280, 52179), (281, 52182), (294, 52224), (302, 52263), (319, 52326), (330, 52353), (341, 52380),

Gene: Coletti_70 Start: 57103, Stop: 57864, Start Num: 71
Candidate Starts for Coletti_70:
(Start: 71 @57103 has 152 MA's), (Start: 98 @57142 has 2 MA's), (113, 57205), (117, 57223), (127, 57277), (134, 57301), (163, 57334), (192, 57379), (194, 57391), (199, 57412), (211, 57448), (214, 57460), (217, 57472), (238, 57508), (251, 57547), (254, 57553), (263, 57574), (267, 57583), (277, 57619), (297, 57703), (310, 57754), (319, 57781), (338, 57826), (341, 57838), (346, 57856),

Gene: Compostia_66 Start: 56883, Stop: 57650, Start Num: 77
Candidate Starts for Compostia_66:
(Start: 77 @56883 has 39 MA's), (Start: 92 @56919 has 1 MA's), (103, 56949), (122, 57033), (127, 57066), (138, 57099), (170, 57135), (174, 57141), (183, 57159), (188, 57165), (212, 57243), (230, 57279), (250, 57306), (257, 57324), (321, 57543), (347, 57615), (348, 57645),

Gene: Cooper_62 Start: 56612, Stop: 57328, Start Num: 84
Candidate Starts for Cooper_62:
(Start: 46 @56561 has 17 MA's), (Start: 51 @56570 has 11 MA's), (Start: 84 @56612 has 1 MA's), (112, 56687), (117, 56708), (124, 56747), (125, 56750), (127, 56762), (133, 56780), (148, 56795), (164, 56816), (192, 56858), (195, 56873), (211, 56927), (212, 56933), (225, 56963), (228, 56969), (246, 56999), (250, 57008), (253, 57017), (267, 57050), (282, 57104), (294, 57152), (296, 57173), (298, 57182), (307, 57218), (310, 57230), (327, 57278),

Gene: Cornbread_65 Start: 56067, Stop: 56828, Start Num: 71
Candidate Starts for Cornbread_65:
(Start: 71 @56067 has 152 MA's), (Start: 98 @56106 has 2 MA's), (113, 56169), (117, 56187), (127, 56241), (134, 56265), (163, 56298), (192, 56343), (194, 56355), (199, 56376), (211, 56412), (214, 56424), (217, 56436), (238, 56472), (251, 56511), (254, 56517), (263, 56538), (267, 56547), (277, 56583), (297, 56667), (310, 56718), (319, 56745), (338, 56790), (341, 56802), (346, 56820),

Gene: Cornobble_66 Start: 56036, Stop: 56797, Start Num: 71
Candidate Starts for Cornobble_66:
(Start: 71 @56036 has 152 MA's), (Start: 98 @56075 has 2 MA's), (113, 56138), (117, 56156), (127, 56210), (134, 56234), (163, 56267), (192, 56312), (194, 56324), (211, 56381), (214, 56393), (217, 56405), (238, 56441), (251, 56480), (254, 56486), (263, 56507), (267, 56516), (277, 56552), (297, 56636), (310, 56687), (319, 56714), (338, 56759), (341, 56771), (346, 56789),

Gene: Corofin_67 Start: 56513, Stop: 57280, Start Num: 77
Candidate Starts for Corofin_67:
(Start: 77 @56513 has 39 MA's), (Start: 92 @56549 has 1 MA's), (103, 56579), (122, 56663), (127, 56696), (138, 56729), (170, 56765), (174, 56771), (183, 56789), (188, 56795), (212, 56873), (230, 56909), (250, 56936), (257, 56954), (303, 57101), (321, 57173), (332, 57206), (347, 57245), (348,

57275),

Gene: Cosmolli16_68 Start: 56746, Stop: 57507, Start Num: 71
Candidate Starts for Cosmolli16_68:
(Start: 71 @56746 has 152 MA's), (Start: 98 @56785 has 2 MA's), (113, 56848), (117, 56866), (127, 56920), (134, 56944), (163, 56977), (192, 57022), (194, 57034), (199, 57055), (211, 57091), (214, 57103), (217, 57115), (238, 57151), (251, 57190), (254, 57196), (263, 57217), (267, 57226), (277, 57262), (297, 57346), (310, 57397), (319, 57424), (338, 57469), (341, 57481), (346, 57499),

Gene: Craff_70 Start: 56888, Stop: 57742, Start Num: 43
Candidate Starts for Craff_70:
(Start: 43 @56888 has 22 MA's), (Start: 62 @56939 has 3 MA's), (65, 56942), (73, 56960), (Start: 80 @56978 has 86 MA's), (Start: 88 @56999 has 3 MA's), (Start: 94 @57011 has 10 MA's), (104, 57038), (129, 57161), (133, 57173), (172, 57224), (180, 57239), (191, 57260), (192, 57263), (195, 57278), (211, 57332), (220, 57359), (225, 57365), (295, 57551), (321, 57647), (327, 57665), (330, 57674),

Gene: Crownjwl_65 Start: 56064, Stop: 56825, Start Num: 71
Candidate Starts for Crownjwl_65:
(Start: 71 @56064 has 152 MA's), (Start: 98 @56103 has 2 MA's), (113, 56166), (117, 56184), (127, 56238), (134, 56262), (163, 56295), (192, 56340), (194, 56352), (199, 56373), (211, 56409), (214, 56421), (217, 56433), (238, 56469), (251, 56508), (254, 56514), (263, 56535), (267, 56544), (277, 56580), (297, 56664), (310, 56715), (319, 56742), (338, 56787), (341, 56799), (346, 56817),

Gene: DaddyDaniels_69 Start: 56522, Stop: 57283, Start Num: 71
Candidate Starts for DaddyDaniels_69:
(Start: 71 @56522 has 152 MA's), (Start: 98 @56561 has 2 MA's), (113, 56624), (117, 56642), (127, 56696), (134, 56720), (163, 56753), (192, 56798), (194, 56810), (199, 56831), (211, 56867), (214, 56879), (217, 56891), (238, 56927), (251, 56966), (254, 56972), (263, 56993), (267, 57002), (277, 57038), (297, 57122), (310, 57173), (319, 57200), (338, 57245), (341, 57257), (346, 57275),

Gene: Daffy_65 Start: 56016, Stop: 56780, Start Num: 80
Candidate Starts for Daffy_65:
(Start: 43 @55926 has 22 MA's), (Start: 62 @55977 has 3 MA's), (65, 55980), (73, 55998), (Start: 80 @56016 has 86 MA's), (Start: 88 @56037 has 3 MA's), (Start: 94 @56049 has 10 MA's), (104, 56076), (129, 56199), (133, 56211), (172, 56262), (180, 56277), (191, 56298), (192, 56301), (195, 56316), (211, 56370), (220, 56397), (225, 56403), (295, 56589), (321, 56685), (327, 56703), (330, 56712),

Gene: Daisy_66 Start: 56046, Stop: 56813, Start Num: 77
Candidate Starts for Daisy_66:
(Start: 77 @56046 has 39 MA's), (Start: 92 @56082 has 1 MA's), (103, 56112), (122, 56196), (127, 56229), (138, 56262), (170, 56298), (174, 56304), (183, 56322), (188, 56328), (212, 56406), (230, 56442), (250, 56469), (257, 56487), (303, 56634), (321, 56706), (347, 56778), (348, 56808),

Gene: Daka_69 Start: 56530, Stop: 57294, Start Num: 80
Candidate Starts for Daka_69:
(Start: 43 @56440 has 22 MA's), (Start: 62 @56491 has 3 MA's), (65, 56494), (73, 56512), (Start: 80 @56530 has 86 MA's), (Start: 88 @56551 has 3 MA's), (Start: 94 @56563 has 10 MA's), (104, 56590), (129, 56713), (133, 56725), (172, 56776), (180, 56791), (191, 56812), (192, 56815), (195, 56830), (211, 56884), (220, 56911), (225, 56917), (295, 57103), (321, 57199), (327, 57217), (330, 57226),

Gene: Dati_64 Start: 56359, Stop: 57123, Start Num: 80
Candidate Starts for Dati_64:

(Start: 43 @56269 has 22 MA's), (Start: 62 @56320 has 3 MA's), (65, 56323), (73, 56341), (Start: 80 @56359 has 86 MA's), (Start: 88 @56380 has 3 MA's), (Start: 94 @56392 has 10 MA's), (104, 56419), (129, 56542), (133, 56554), (172, 56605), (180, 56620), (191, 56641), (192, 56644), (195, 56659), (211, 56713), (220, 56740), (225, 56746), (295, 56932), (321, 57028), (327, 57046), (330, 57055),

Gene: Deenasa_67 Start: 57349, Stop: 58116, Start Num: 77
Candidate Starts for Deenasa_67:
(Start: 77 @57349 has 39 MA's), (Start: 92 @57385 has 1 MA's), (103, 57415), (122, 57499), (127, 57532), (138, 57565), (170, 57601), (174, 57607), (183, 57625), (188, 57631), (212, 57709), (230, 57745), (250, 57772), (257, 57790), (276, 57844), (303, 57937), (321, 58009), (332, 58042), (347, 58081), (348, 58111),

Gene: DelRivs_65 Start: 56012, Stop: 56773, Start Num: 71
Candidate Starts for DelRivs_65:
(Start: 71 @56012 has 152 MA's), (Start: 98 @56051 has 2 MA's), (113, 56114), (117, 56132), (127, 56186), (134, 56210), (163, 56243), (192, 56288), (194, 56300), (199, 56321), (211, 56357), (214, 56369), (217, 56381), (238, 56417), (251, 56456), (254, 56462), (263, 56483), (267, 56492), (277, 56528), (297, 56612), (310, 56663), (319, 56690), (338, 56735), (341, 56747), (346, 56765),

Gene: Derpp_67 Start: 56025, Stop: 56879, Start Num: 43
Candidate Starts for Derpp_67:
(Start: 43 @56025 has 22 MA's), (Start: 62 @56076 has 3 MA's), (65, 56079), (73, 56097), (Start: 80 @56115 has 86 MA's), (Start: 88 @56136 has 3 MA's), (Start: 94 @56148 has 10 MA's), (104, 56175), (129, 56298), (133, 56310), (172, 56361), (180, 56376), (191, 56397), (192, 56400), (195, 56415), (211, 56469), (220, 56496), (225, 56502), (295, 56688), (321, 56784), (327, 56802), (330, 56811),

Gene: Devonte_66 Start: 56125, Stop: 56892, Start Num: 77
Candidate Starts for Devonte_66:
(Start: 77 @56125 has 39 MA's), (Start: 92 @56161 has 1 MA's), (103, 56191), (122, 56275), (127, 56308), (138, 56341), (170, 56377), (174, 56383), (183, 56401), (188, 56407), (212, 56485), (230, 56521), (250, 56548), (257, 56566), (303, 56713), (321, 56785), (332, 56818), (347, 56857), (348, 56887),

Gene: Dice_66 Start: 56010, Stop: 56771, Start Num: 71
Candidate Starts for Dice_66:
(Start: 71 @56010 has 152 MA's), (Start: 98 @56049 has 2 MA's), (113, 56112), (117, 56130), (127, 56184), (134, 56208), (163, 56241), (192, 56286), (194, 56298), (211, 56355), (214, 56367), (217, 56379), (238, 56415), (251, 56454), (254, 56460), (263, 56481), (267, 56490), (277, 56526), (297, 56610), (310, 56661), (319, 56688), (338, 56733), (341, 56745), (346, 56763),

Gene: DigitDog_66 Start: 57567, Stop: 58343, Start Num: 79
Candidate Starts for DigitDog_66:
(Start: 79 @57567 has 4 MA's), (107, 57639), (121, 57705), (170, 57810), (176, 57822), (187, 57840), (195, 57867), (203, 57906), (232, 57966), (236, 57972), (272, 58065), (273, 58068), (284, 58107), (298, 58167), (345, 58311),

Gene: Dingo_64 Start: 55558, Stop: 56322, Start Num: 80
Candidate Starts for Dingo_64:
(Start: 43 @55468 has 22 MA's), (Start: 62 @55519 has 3 MA's), (65, 55522), (73, 55540), (Start: 80 @55558 has 86 MA's), (Start: 88 @55579 has 3 MA's), (Start: 94 @55591 has 10 MA's), (104, 55618), (129, 55741), (133, 55753), (172, 55804), (180, 55819), (191, 55840), (192, 55843), (195, 55858), (211, 55912), (220, 55939), (225, 55945), (295, 56131), (321, 56227), (327, 56245), (330, 56254),

Gene: Dione_65 Start: 55744, Stop: 56505, Start Num: 71
Candidate Starts for Dione_65:
(Start: 71 @55744 has 152 MA's), (Start: 98 @55783 has 2 MA's), (113, 55846), (117, 55864), (127, 55918), (134, 55942), (163, 55975), (192, 56020), (194, 56032), (211, 56089), (214, 56101), (217, 56113), (238, 56149), (251, 56188), (254, 56194), (263, 56215), (267, 56224), (277, 56260), (297, 56344), (310, 56395), (319, 56422), (338, 56467), (341, 56479), (346, 56497),

Gene: DirtJuice_67 Start: 56321, Stop: 57085, Start Num: 80
Candidate Starts for DirtJuice_67:
(Start: 43 @56231 has 22 MA's), (Start: 62 @56282 has 3 MA's), (65, 56285), (73, 56303), (Start: 80 @56321 has 86 MA's), (Start: 88 @56342 has 3 MA's), (Start: 94 @56354 has 10 MA's), (104, 56381), (129, 56504), (133, 56516), (172, 56567), (180, 56582), (191, 56603), (192, 56606), (195, 56621), (211, 56675), (220, 56702), (225, 56708), (295, 56894), (321, 56990), (327, 57008), (330, 57017),

Gene: Doddsville_65 Start: 56078, Stop: 56842, Start Num: 80
Candidate Starts for Doddsville_65:
(Start: 43 @55988 has 22 MA's), (Start: 62 @56039 has 3 MA's), (65, 56042), (73, 56060), (Start: 80 @56078 has 86 MA's), (Start: 88 @56099 has 3 MA's), (Start: 94 @56111 has 10 MA's), (104, 56138), (129, 56261), (133, 56273), (172, 56324), (180, 56339), (191, 56360), (192, 56363), (195, 56378), (211, 56432), (220, 56459), (225, 56465), (295, 56651), (321, 56747), (327, 56765), (330, 56774),

Gene: DoesntMatter_64 Start: 56034, Stop: 56795, Start Num: 71
Candidate Starts for DoesntMatter_64:
(Start: 71 @56034 has 152 MA's), (Start: 98 @56073 has 2 MA's), (113, 56136), (117, 56154), (127, 56208), (134, 56232), (163, 56265), (192, 56310), (194, 56322), (199, 56343), (211, 56379), (214, 56391), (217, 56403), (238, 56439), (251, 56478), (254, 56484), (263, 56505), (267, 56514), (277, 56550), (297, 56634), (310, 56685), (319, 56712), (338, 56757), (341, 56769), (346, 56787),

Gene: DolOn_72 Start: 57491, Stop: 58252, Start Num: 71
Candidate Starts for DolOn_72:
(Start: 71 @57491 has 152 MA's), (Start: 98 @57530 has 2 MA's), (113, 57593), (117, 57611), (127, 57665), (134, 57689), (163, 57722), (192, 57767), (194, 57779), (199, 57800), (211, 57836), (214, 57848), (217, 57860), (238, 57896), (251, 57935), (254, 57941), (263, 57962), (267, 57971), (277, 58007), (297, 58091), (310, 58142), (319, 58169), (338, 58214), (341, 58226), (346, 58244),

Gene: DonSanchon_63 Start: 55713, Stop: 56477, Start Num: 80
Candidate Starts for DonSanchon_63:
(Start: 43 @55623 has 22 MA's), (Start: 62 @55674 has 3 MA's), (65, 55677), (73, 55695), (Start: 80 @55713 has 86 MA's), (Start: 88 @55734 has 3 MA's), (Start: 94 @55746 has 10 MA's), (104, 55773), (129, 55896), (133, 55908), (172, 55959), (180, 55974), (191, 55995), (192, 55998), (195, 56013), (211, 56067), (220, 56094), (225, 56100), (295, 56286), (321, 56382), (327, 56400), (330, 56409),

Gene: Donny_67 Start: 57544, Stop: 58281, Start Num: 76
Candidate Starts for Donny_67:
(Start: 76 @57544 has 3 MA's), (Start: 89 @57571 has 1 MA's), (101, 57595), (125, 57709), (152, 57766), (195, 57838), (203, 57877), (208, 57886), (226, 57931), (276, 58036), (279, 58045), (315, 58189), (343, 58258),

Gene: DuchessDung_66 Start: 55594, Stop: 56358, Start Num: 80
Candidate Starts for DuchessDung_66:
(Start: 43 @55504 has 22 MA's), (Start: 62 @55555 has 3 MA's), (65, 55558), (73, 55576), (Start: 80 @55594 has 86 MA's), (Start: 88 @55615 has 3 MA's), (Start: 94 @55627 has 10 MA's), (104, 55654), (129, 55777), (133, 55789), (172, 55840), (180, 55855), (191, 55876), (192, 55879), (195, 55894),

(211, 55948), (220, 55975), (225, 55981), (295, 56167), (321, 56263), (327, 56281), (330, 56290),

Gene: Duggie_67 Start: 56287, Stop: 57048, Start Num: 71
Candidate Starts for Duggie_67:
(Start: 71 @56287 has 152 MA's), (Start: 98 @56326 has 2 MA's), (113, 56389), (117, 56407), (127, 56461), (134, 56485), (163, 56518), (192, 56563), (194, 56575), (199, 56596), (211, 56632), (214, 56644), (217, 56656), (251, 56731), (254, 56737), (263, 56758), (267, 56767), (277, 56803), (297, 56887), (310, 56938), (319, 56965), (338, 57010), (341, 57022),

Gene: Durga_69 Start: 56821, Stop: 57585, Start Num: 80
Candidate Starts for Durga_69:
(Start: 43 @56731 has 22 MA's), (Start: 62 @56782 has 3 MA's), (65, 56785), (73, 56803), (Start: 80 @56821 has 86 MA's), (Start: 88 @56842 has 3 MA's), (Start: 94 @56854 has 10 MA's), (104, 56881), (129, 57004), (133, 57016), (172, 57067), (180, 57082), (191, 57103), (192, 57106), (195, 57121), (211, 57175), (220, 57202), (225, 57208), (295, 57394), (321, 57490), (327, 57508), (330, 57517),

Gene: Eaglehorse_63 Start: 54747, Stop: 55448, Start Num: 96
Candidate Starts for Eaglehorse_63:
(8, 54408), (9, 54429), (Start: 70 @54702 has 1 MA's), (Start: 75 @54714 has 7 MA's), (Start: 96 @54747 has 27 MA's), (114, 54819), (117, 54834), (122, 54855), (144, 54918), (183, 54975), (184, 54978), (192, 54987), (194, 54999), (206, 55047), (211, 55056), (225, 55089), (228, 55095), (261, 55164), (273, 55194), (277, 55209), (296, 55284), (301, 55299), (314, 55359), (326, 55386),

Gene: EastView9101_65 Start: 57271, Stop: 57981, Start Num: 89
Candidate Starts for EastView9101_65:
(Start: 76 @57244 has 3 MA's), (Start: 89 @57271 has 1 MA's), (101, 57295), (125, 57409), (152, 57466), (195, 57538), (203, 57577), (208, 57586), (226, 57631), (276, 57736), (279, 57745), (315, 57889), (343, 57958),

Gene: ElvisPhasley_67 Start: 57008, Stop: 57811, Start Num: 62
Candidate Starts for ElvisPhasley_67:
(Start: 43 @56957 has 22 MA's), (Start: 62 @57008 has 3 MA's), (65, 57011), (73, 57029), (Start: 80 @57047 has 86 MA's), (Start: 88 @57068 has 3 MA's), (Start: 94 @57080 has 10 MA's), (104, 57107), (129, 57230), (133, 57242), (172, 57293), (180, 57308), (191, 57329), (192, 57332), (195, 57347), (211, 57401), (220, 57428), (225, 57434), (295, 57620), (321, 57716), (327, 57734), (330, 57743),

Gene: Emiris_68 Start: 56730, Stop: 57494, Start Num: 80
Candidate Starts for Emiris_68:
(Start: 43 @56640 has 22 MA's), (Start: 62 @56691 has 3 MA's), (65, 56694), (73, 56712), (Start: 80 @56730 has 86 MA's), (Start: 88 @56751 has 3 MA's), (Start: 94 @56763 has 10 MA's), (104, 56790), (129, 56913), (133, 56925), (172, 56976), (180, 56991), (191, 57012), (192, 57015), (195, 57030), (211, 57084), (220, 57111), (225, 57117), (295, 57303), (321, 57399), (327, 57417), (330, 57426),

Gene: EmpTee_66 Start: 56254, Stop: 57015, Start Num: 71
Candidate Starts for EmpTee_66:
(Start: 71 @56254 has 152 MA's), (Start: 98 @56293 has 2 MA's), (113, 56356), (117, 56374), (127, 56428), (134, 56452), (163, 56485), (192, 56530), (194, 56542), (211, 56599), (214, 56611), (217, 56623), (238, 56659), (251, 56698), (254, 56704), (263, 56725), (267, 56734), (277, 56770), (297, 56854), (310, 56905), (319, 56932), (338, 56977), (341, 56989), (346, 57007),

Gene: Epah_59 Start: 56071, Stop: 56841, Start Num: 46
Candidate Starts for Epah_59:

(22, 55981), (Start: 46 @56071 has 17 MA's), (Start: 51 @56080 has 11 MA's), (Start: 84 @56125 has 1 MA's), (109, 56185), (111, 56194), (112, 56200), (113, 56203), (125, 56263), (127, 56275), (133, 56293), (146, 56305), (167, 56335), (192, 56371), (195, 56386), (211, 56440), (212, 56446), (225, 56476), (228, 56482), (246, 56512), (254, 56533), (267, 56563), (276, 56596), (282, 56617), (294, 56665), (296, 56686), (298, 56695), (314, 56761), (327, 56791),

Gene: Eremos_66 Start: 56222, Stop: 57010, Start Num: 58
Candidate Starts for Eremos_66:
(Start: 58 @56222 has 4 MA's), (Start: 71 @56249 has 152 MA's), (Start: 98 @56288 has 2 MA's), (113, 56351), (117, 56369), (127, 56423), (134, 56447), (163, 56480), (192, 56525), (194, 56537), (199, 56558), (211, 56594), (214, 56606), (217, 56618), (238, 56654), (251, 56693), (254, 56699), (263, 56720), (267, 56729), (277, 56765), (297, 56849), (310, 56900), (319, 56927), (338, 56972), (341, 56984), (346, 57002),

Gene: Etaye_66 Start: 56873, Stop: 57637, Start Num: 80
Candidate Starts for Etaye_66:
(Start: 43 @56783 has 22 MA's), (Start: 62 @56834 has 3 MA's), (65, 56837), (73, 56855), (Start: 80 @56873 has 86 MA's), (Start: 88 @56894 has 3 MA's), (Start: 94 @56906 has 10 MA's), (104, 56933), (129, 57056), (133, 57068), (172, 57119), (180, 57134), (191, 57155), (192, 57158), (195, 57173), (211, 57227), (220, 57254), (225, 57260), (295, 57446), (321, 57542), (327, 57560), (330, 57569),

Gene: Eugenia_67 Start: 56683, Stop: 57444, Start Num: 71
Candidate Starts for Eugenia_67:
(Start: 71 @56683 has 152 MA's), (Start: 98 @56722 has 2 MA's), (113, 56785), (117, 56803), (127, 56857), (134, 56881), (163, 56914), (192, 56959), (194, 56971), (199, 56992), (211, 57028), (214, 57040), (217, 57052), (238, 57088), (251, 57127), (254, 57133), (263, 57154), (267, 57163), (277, 57199), (297, 57283), (310, 57334), (319, 57361), (338, 57406), (341, 57418), (346, 57436),

Gene: Fanaw_59 Start: 56966, Stop: 57745, Start Num: 46
Candidate Starts for Fanaw_59:
(15, 56849), (Start: 42 @56939 has 3 MA's), (Start: 46 @56966 has 17 MA's), (Start: 51 @56975 has 11 MA's), (Start: 84 @57029 has 1 MA's), (109, 57089), (111, 57098), (112, 57104), (113, 57107), (124, 57164), (125, 57167), (127, 57179), (133, 57197), (146, 57209), (167, 57239), (192, 57275), (211, 57344), (212, 57350), (225, 57380), (228, 57386), (246, 57416), (254, 57437), (267, 57467), (282, 57521), (294, 57569), (296, 57590), (298, 57599), (314, 57665), (327, 57695),

Gene: Fang_68 Start: 56563, Stop: 57327, Start Num: 80
Candidate Starts for Fang_68:
(Start: 43 @56473 has 22 MA's), (Start: 62 @56524 has 3 MA's), (65, 56527), (73, 56545), (Start: 80 @56563 has 86 MA's), (Start: 88 @56584 has 3 MA's), (Start: 94 @56596 has 10 MA's), (104, 56623), (129, 56746), (133, 56758), (172, 56809), (180, 56824), (191, 56845), (192, 56848), (195, 56863), (211, 56917), (220, 56944), (225, 56950), (295, 57136), (321, 57232), (327, 57250), (330, 57259),

Gene: Faze9_62 Start: 54886, Stop: 55587, Start Num: 96
Candidate Starts for Faze9_62:
(Start: 11 @54628 has 1 MA's), (Start: 70 @54841 has 1 MA's), (Start: 75 @54853 has 7 MA's), (Start: 96 @54886 has 27 MA's), (114, 54958), (117, 54973), (122, 54994), (144, 55057), (183, 55114), (184, 55117), (192, 55126), (194, 55138), (206, 55186), (211, 55195), (225, 55228), (228, 55234), (261, 55303), (273, 55333), (277, 55348), (296, 55423), (301, 55438), (314, 55498), (326, 55525),

Gene: Flake_70 Start: 56265, Stop: 57053, Start Num: 71
Candidate Starts for Flake_70:

(53, 56220), (Start: 56 @56229 has 3 MA's), (Start: 71 @56265 has 152 MA's), (115, 56391), (117, 56406), (125, 56448), (175, 56538), (194, 56577), (211, 56634), (254, 56739), (263, 56760), (277, 56805), (327, 56985), (329, 56991), (341, 57024),

Gene: FleetyMac_70 Start: 56225, Stop: 56986, Start Num: 71
Candidate Starts for FleetyMac_70:
(Start: 71 @56225 has 152 MA's), (Start: 98 @56264 has 2 MA's), (113, 56327), (117, 56345), (127, 56399), (134, 56423), (163, 56456), (192, 56501), (194, 56513), (199, 56534), (211, 56570), (214, 56582), (217, 56594), (238, 56630), (251, 56669), (254, 56675), (263, 56696), (267, 56705), (277, 56741), (297, 56825), (310, 56876), (319, 56903), (338, 56948), (341, 56960), (346, 56978),

Gene: FluffyNinja_67 Start: 56316, Stop: 57059, Start Num: 88
Candidate Starts for FluffyNinja_67:
(Start: 43 @56205 has 22 MA's), (Start: 62 @56256 has 3 MA's), (65, 56259), (73, 56277), (Start: 80 @56295 has 86 MA's), (Start: 88 @56316 has 3 MA's), (Start: 94 @56328 has 10 MA's), (104, 56355), (129, 56478), (133, 56490), (172, 56541), (180, 56556), (191, 56577), (192, 56580), (195, 56595), (211, 56649), (220, 56676), (225, 56682), (295, 56868), (321, 56964), (327, 56982), (330, 56991),

Gene: ForDig_61 Start: 55802, Stop: 56566, Start Num: 83
Candidate Starts for ForDig_61:
(Start: 83 @55802 has 1 MA's), (114, 55895), (127, 55964), (138, 56000), (147, 56009), (150, 56015), (166, 56036), (192, 56078), (205, 56129), (212, 56147), (244, 56207), (246, 56216), (261, 56255), (267, 56264), (282, 56318), (314, 56450), (316, 56453), (330, 56489), (338, 56507), (343, 56522),

Gene: Fortunato_61 Start: 57101, Stop: 57910, Start Num: 42
Candidate Starts for Fortunato_61:
(Start: 42 @57101 has 3 MA's), (Start: 46 @57128 has 17 MA's), (Start: 51 @57137 has 11 MA's), (Start: 84 @57191 has 1 MA's), (113, 57269), (136, 57368), (148, 57374), (161, 57392), (164, 57395), (192, 57437), (203, 57491), (211, 57506), (212, 57512), (217, 57530), (225, 57542), (228, 57548), (253, 57605), (273, 57659), (294, 57728), (301, 57764), (306, 57791), (307, 57794), (316, 57827), (327, 57854),

Gene: Fozzie_66 Start: 56516, Stop: 57304, Start Num: 71
Candidate Starts for Fozzie_66:
(45, 56456), (48, 56462), (52, 56468), (Start: 71 @56516 has 152 MA's), (115, 56642), (117, 56657), (125, 56699), (175, 56789), (194, 56828), (211, 56885), (254, 56990), (263, 57011), (277, 57056), (327, 57236), (329, 57242), (341, 57275),

Gene: Frankicide_65 Start: 56074, Stop: 56835, Start Num: 71
Candidate Starts for Frankicide_65:
(Start: 71 @56074 has 152 MA's), (Start: 98 @56113 has 2 MA's), (113, 56176), (117, 56194), (127, 56248), (134, 56272), (163, 56305), (192, 56350), (194, 56362), (199, 56383), (211, 56419), (214, 56431), (217, 56443), (238, 56479), (251, 56518), (254, 56524), (263, 56545), (267, 56554), (277, 56590), (297, 56674), (310, 56725), (319, 56752), (338, 56797), (341, 56809), (346, 56827),

Gene: Frederick_61 Start: 56997, Stop: 57776, Start Num: 46
Candidate Starts for Frederick_61:
(15, 56880), (Start: 42 @56970 has 3 MA's), (Start: 46 @56997 has 17 MA's), (Start: 51 @57006 has 11 MA's), (Start: 84 @57060 has 1 MA's), (109, 57120), (111, 57129), (112, 57135), (113, 57138), (124, 57195), (125, 57198), (127, 57210), (133, 57228), (146, 57240), (167, 57270), (192, 57306), (211, 57375), (212, 57381), (225, 57411), (228, 57417), (246, 57447), (250, 57456), (254, 57468), (267, 57498), (282, 57552), (294, 57600), (296, 57621), (297, 57627), (298, 57630), (314, 57696), (327, 57726),

Gene: FremontTroll_66 Start: 56639, Stop: 57400, Start Num: 71
Candidate Starts for FremontTroll_66:
(Start: 71 @56639 has 152 MA's), (Start: 98 @56678 has 2 MA's), (113, 56741), (117, 56759), (127, 56813), (134, 56837), (163, 56870), (192, 56915), (194, 56927), (199, 56948), (211, 56984), (214, 56996), (217, 57008), (238, 57044), (251, 57083), (254, 57089), (263, 57110), (267, 57119), (277, 57155), (297, 57239), (310, 57290), (319, 57317), (338, 57362), (341, 57374), (346, 57392),

Gene: FrenchFry_64 Start: 54872, Stop: 55573, Start Num: 96
Candidate Starts for FrenchFry_64:
(Start: 11 @54614 has 1 MA's), (27, 54683), (Start: 70 @54827 has 1 MA's), (Start: 75 @54839 has 7 MA's), (Start: 96 @54872 has 27 MA's), (114, 54944), (117, 54959), (122, 54980), (144, 55043), (183, 55100), (184, 55103), (192, 55112), (194, 55124), (206, 55172), (211, 55181), (225, 55214), (228, 55220), (261, 55289), (273, 55319), (277, 55334), (296, 55409), (301, 55424), (314, 55484), (326, 55511),

Gene: Fresco_61 Start: 49797, Stop: 50528, Start Num: 97
Candidate Starts for Fresco_61:
(Start: 97 @49797 has 10 MA's), (106, 49827), (113, 49860), (114, 49863), (126, 49929), (127, 49932), (131, 49944), (134, 49953), (158, 49974), (180, 50004), (181, 50007), (189, 50019), (192, 50031), (195, 50046), (206, 50091), (224, 50142), (239, 50169), (251, 50211), (259, 50229), (280, 50295), (296, 50382), (302, 50400), (314, 50457), (334, 50505),

Gene: Freya_64 Start: 55734, Stop: 56495, Start Num: 71
Candidate Starts for Freya_64:
(Start: 71 @55734 has 152 MA's), (Start: 98 @55773 has 2 MA's), (113, 55836), (117, 55854), (127, 55908), (134, 55932), (163, 55965), (192, 56010), (194, 56022), (199, 56043), (211, 56079), (214, 56091), (217, 56103), (238, 56139), (251, 56178), (254, 56184), (263, 56205), (267, 56214), (277, 56250), (297, 56334), (310, 56385), (319, 56412), (338, 56457), (341, 56469), (346, 56487),

Gene: FriarPreacher_65 Start: 56114, Stop: 56878, Start Num: 80
Candidate Starts for FriarPreacher_65:
(Start: 43 @56024 has 22 MA's), (Start: 62 @56075 has 3 MA's), (65, 56078), (73, 56096), (Start: 80 @56114 has 86 MA's), (Start: 88 @56135 has 3 MA's), (Start: 94 @56147 has 10 MA's), (104, 56174), (129, 56297), (133, 56309), (172, 56360), (180, 56375), (191, 56396), (192, 56399), (195, 56414), (211, 56468), (220, 56495), (225, 56501), (295, 56687), (321, 56783), (327, 56801), (330, 56810),

Gene: Fringe_71 Start: 56909, Stop: 57670, Start Num: 71
Candidate Starts for Fringe_71:
(Start: 71 @56909 has 152 MA's), (Start: 98 @56948 has 2 MA's), (113, 57011), (117, 57029), (127, 57083), (134, 57107), (163, 57140), (192, 57185), (194, 57197), (199, 57218), (211, 57254), (214, 57266), (217, 57278), (238, 57314), (251, 57353), (254, 57359), (263, 57380), (277, 57425), (297, 57509), (310, 57560), (319, 57587), (338, 57632), (341, 57644), (346, 57662),

Gene: FugateOSU_67 Start: 56977, Stop: 57831, Start Num: 43
Candidate Starts for FugateOSU_67:
(Start: 43 @56977 has 22 MA's), (Start: 62 @57028 has 3 MA's), (65, 57031), (73, 57049), (Start: 80 @57067 has 86 MA's), (Start: 88 @57088 has 3 MA's), (Start: 94 @57100 has 10 MA's), (104, 57127), (129, 57250), (133, 57262), (172, 57313), (180, 57328), (191, 57349), (192, 57352), (195, 57367), (211, 57421), (220, 57448), (225, 57454), (295, 57640), (321, 57736), (327, 57754), (330, 57763),

Gene: Funsized_66 Start: 59303, Stop: 60118, Start Num: 68
Candidate Starts for Funsized_66:

(50, 59258), (Start: 68 @59303 has 1 MA's), (113, 59426), (117, 59444), (138, 59534), (141, 59537), (145, 59540), (166, 59570), (183, 59594), (187, 59600), (192, 59612), (200, 59648), (203, 59666), (211, 59681), (213, 59690), (229, 59723), (251, 59771), (267, 59804), (280, 59849), (328, 60035), (329, 60038), (332, 60047),

Gene: Gadjet_68 Start: 56813, Stop: 57580, Start Num: 77
Candidate Starts for Gadjet_68:
(Start: 77 @56813 has 39 MA's), (Start: 92 @56849 has 1 MA's), (103, 56879), (122, 56963), (127, 56996), (138, 57029), (170, 57065), (174, 57071), (183, 57089), (188, 57095), (212, 57173), (230, 57209), (250, 57236), (257, 57254), (321, 57473), (347, 57545), (348, 57575),

Gene: Gareth_67 Start: 56530, Stop: 57291, Start Num: 71
Candidate Starts for Gareth_67:
(Start: 71 @56530 has 152 MA's), (Start: 98 @56569 has 2 MA's), (113, 56632), (117, 56650), (127, 56704), (134, 56728), (163, 56761), (192, 56806), (194, 56818), (199, 56839), (211, 56875), (214, 56887), (217, 56899), (238, 56935), (251, 56974), (254, 56980), (263, 57001), (267, 57010), (277, 57046), (297, 57130), (310, 57181), (319, 57208), (338, 57253), (341, 57265), (346, 57283),

Gene: GeneCoco_67 Start: 56596, Stop: 57327, Start Num: 94
Candidate Starts for GeneCoco_67:
(Start: 43 @56473 has 22 MA's), (Start: 62 @56524 has 3 MA's), (65, 56527), (73, 56545), (Start: 80 @56563 has 86 MA's), (Start: 88 @56584 has 3 MA's), (Start: 94 @56596 has 10 MA's), (104, 56623), (129, 56746), (133, 56758), (172, 56809), (180, 56824), (191, 56845), (192, 56848), (195, 56863), (211, 56917), (220, 56944), (225, 56950), (295, 57136), (321, 57232), (327, 57250), (330, 57259),

Gene: Gervas_68 Start: 56907, Stop: 57674, Start Num: 77
Candidate Starts for Gervas_68:
(Start: 77 @56907 has 39 MA's), (Start: 92 @56943 has 1 MA's), (103, 56973), (122, 57057), (127, 57090), (138, 57123), (170, 57159), (174, 57165), (183, 57183), (188, 57189), (212, 57267), (230, 57303), (250, 57330), (257, 57348), (303, 57495), (321, 57567), (332, 57600), (347, 57639), (348, 57669),

Gene: GinPorsche_59 Start: 56071, Stop: 56841, Start Num: 46
Candidate Starts for GinPorsche_59:
(22, 55981), (Start: 46 @56071 has 17 MA's), (Start: 51 @56080 has 11 MA's), (Start: 84 @56125 has 1 MA's), (109, 56185), (111, 56194), (112, 56200), (113, 56203), (125, 56263), (127, 56275), (133, 56293), (146, 56305), (167, 56335), (192, 56371), (195, 56386), (211, 56440), (212, 56446), (225, 56476), (228, 56482), (246, 56512), (254, 56533), (267, 56563), (276, 56596), (282, 56617), (294, 56665), (296, 56686), (298, 56695), (314, 56761), (327, 56791),

Gene: Giraffe_67 Start: 56525, Stop: 57286, Start Num: 71
Candidate Starts for Giraffe_67:
(Start: 71 @56525 has 152 MA's), (Start: 98 @56564 has 2 MA's), (113, 56627), (117, 56645), (127, 56699), (134, 56723), (163, 56756), (192, 56801), (194, 56813), (199, 56834), (211, 56870), (214, 56882), (217, 56894), (238, 56930), (251, 56969), (254, 56975), (263, 56996), (267, 57005), (277, 57041), (297, 57125), (310, 57176), (319, 57203), (338, 57248), (341, 57260), (346, 57278),

Gene: Glass_64 Start: 54874, Stop: 55575, Start Num: 96
Candidate Starts for Glass_64:
(Start: 11 @54616 has 1 MA's), (Start: 70 @54829 has 1 MA's), (Start: 75 @54841 has 7 MA's), (Start: 96 @54874 has 27 MA's), (114, 54946), (117, 54961), (122, 54982), (144, 55045), (183, 55102), (184, 55105), (192, 55114), (194, 55126), (206, 55174), (211, 55183), (225, 55216), (228, 55222), (261, 55291), (273, 55321), (277, 55336), (296, 55411), (301, 55426), (314, 55486), (326, 55513),

Gene: GlenHope_68 Start: 56473, Stop: 57240, Start Num: 77
Candidate Starts for GlenHope_68:
(Start: 77 @56473 has 39 MA's), (Start: 92 @56509 has 1 MA's), (103, 56539), (122, 56623), (127, 56656), (138, 56689), (170, 56725), (174, 56731), (183, 56749), (188, 56755), (212, 56833), (230, 56869), (250, 56896), (257, 56914), (303, 57061), (321, 57133), (347, 57205), (348, 57235),

Gene: Glubnar_68 Start: 56379, Stop: 57146, Start Num: 77
Candidate Starts for Glubnar_68:
(Start: 77 @56379 has 39 MA's), (Start: 92 @56415 has 1 MA's), (103, 56445), (122, 56529), (127, 56562), (138, 56595), (170, 56631), (174, 56637), (183, 56655), (188, 56661), (212, 56739), (230, 56775), (250, 56802), (257, 56820), (276, 56874), (321, 57039), (347, 57111), (348, 57141),

Gene: Godines_64 Start: 55133, Stop: 55834, Start Num: 96
Candidate Starts for Godines_64:
(1, 54671), (2, 54677), (Start: 4 @54710 has 1 MA's), (8, 54794), (9, 54815), (25, 54944), (Start: 70 @55088 has 1 MA's), (Start: 75 @55100 has 7 MA's), (Start: 96 @55133 has 27 MA's), (114, 55205), (117, 55220), (122, 55241), (144, 55304), (183, 55361), (184, 55364), (192, 55373), (194, 55385), (206, 55433), (211, 55442), (225, 55475), (228, 55481), (261, 55550), (273, 55580), (277, 55595), (296, 55670), (301, 55685), (314, 55745), (326, 55772),

Gene: Gophee_68 Start: 56516, Stop: 57277, Start Num: 71
Candidate Starts for Gophee_68:
(Start: 71 @56516 has 152 MA's), (Start: 98 @56555 has 2 MA's), (113, 56618), (117, 56636), (127, 56690), (134, 56714), (163, 56747), (192, 56792), (194, 56804), (199, 56825), (211, 56861), (214, 56873), (217, 56885), (238, 56921), (251, 56960), (254, 56966), (263, 56987), (267, 56996), (277, 57032), (297, 57116), (310, 57167), (319, 57194), (338, 57239), (341, 57251), (346, 57269),

Gene: Grand2040_65 Start: 56506, Stop: 57270, Start Num: 80
Candidate Starts for Grand2040_65:
(Start: 43 @56416 has 22 MA's), (Start: 62 @56467 has 3 MA's), (65, 56470), (73, 56488), (Start: 80 @56506 has 86 MA's), (Start: 88 @56527 has 3 MA's), (Start: 94 @56539 has 10 MA's), (104, 56566), (129, 56689), (133, 56701), (172, 56752), (180, 56767), (191, 56788), (192, 56791), (195, 56806), (211, 56860), (220, 56887), (225, 56893), (295, 57079), (321, 57175), (327, 57193), (330, 57202),

Gene: GreenChile_67 Start: 56055, Stop: 56816, Start Num: 71
Candidate Starts for GreenChile_67:
(Start: 71 @56055 has 152 MA's), (Start: 98 @56094 has 2 MA's), (113, 56157), (117, 56175), (127, 56229), (134, 56253), (163, 56286), (192, 56331), (194, 56343), (199, 56364), (211, 56400), (214, 56412), (217, 56424), (238, 56460), (251, 56499), (254, 56505), (263, 56526), (267, 56535), (277, 56571), (297, 56655), (310, 56706), (319, 56733), (338, 56778), (341, 56790), (346, 56808),

Gene: Gwennie1_66 Start: 56416, Stop: 57177, Start Num: 71
Candidate Starts for Gwennie1_66:
(Start: 71 @56416 has 152 MA's), (Start: 98 @56455 has 2 MA's), (113, 56518), (117, 56536), (127, 56590), (134, 56614), (163, 56647), (192, 56692), (194, 56704), (199, 56725), (211, 56761), (214, 56773), (217, 56785), (238, 56821), (251, 56860), (254, 56866), (263, 56887), (267, 56896), (277, 56932), (297, 57016), (310, 57067), (319, 57094), (338, 57139), (341, 57151), (346, 57169),

Gene: Gwilliam_68 Start: 56924, Stop: 57685, Start Num: 71
Candidate Starts for Gwilliam_68:
(Start: 71 @56924 has 152 MA's), (Start: 98 @56963 has 2 MA's), (113, 57026), (117, 57044), (127, 57098), (134, 57122), (163, 57155), (192, 57200), (194, 57212), (199, 57233), (211, 57269), (214,

57281), (217, 57293), (238, 57329), (251, 57368), (254, 57374), (263, 57395), (267, 57404), (277, 57440), (297, 57524), (310, 57575), (319, 57602), (338, 57647), (341, 57659), (346, 57677),

Gene: Gyarad_0066 Start: 55883, Stop: 56647, Start Num: 80
Candidate Starts for Gyarad_0066:
(Start: 43 @55793 has 22 MA's), (Start: 62 @55844 has 3 MA's), (65, 55847), (73, 55865), (Start: 80 @55883 has 86 MA's), (Start: 88 @55904 has 3 MA's), (Start: 94 @55916 has 10 MA's), (104, 55943), (129, 56066), (133, 56078), (172, 56129), (180, 56144), (191, 56165), (192, 56168), (195, 56183), (211, 56237), (220, 56264), (225, 56270), (295, 56456), (321, 56552), (327, 56570), (330, 56579),

Gene: HSavage_65 Start: 56052, Stop: 56813, Start Num: 71
Candidate Starts for HSavage_65:
(Start: 71 @56052 has 152 MA's), (Start: 98 @56091 has 2 MA's), (113, 56154), (117, 56172), (127, 56226), (134, 56250), (163, 56283), (192, 56328), (194, 56340), (199, 56361), (211, 56397), (214, 56409), (217, 56421), (238, 56457), (251, 56496), (254, 56502), (263, 56523), (267, 56532), (277, 56568), (297, 56652), (310, 56703), (319, 56730), (338, 56775), (341, 56787), (346, 56805),

Gene: Haimas_65 Start: 55924, Stop: 56778, Start Num: 43
Candidate Starts for Haimas_65:
(Start: 43 @55924 has 22 MA's), (Start: 62 @55975 has 3 MA's), (65, 55978), (73, 55996), (Start: 80 @56014 has 86 MA's), (Start: 88 @56035 has 3 MA's), (Start: 94 @56047 has 10 MA's), (104, 56074), (129, 56197), (133, 56209), (172, 56260), (180, 56275), (191, 56296), (192, 56299), (195, 56314), (211, 56368), (220, 56395), (225, 56401), (295, 56587), (321, 56683), (327, 56701), (330, 56710),

Gene: Haleema_66 Start: 56071, Stop: 56832, Start Num: 71
Candidate Starts for Haleema_66:
(Start: 71 @56071 has 152 MA's), (Start: 98 @56110 has 2 MA's), (113, 56173), (117, 56191), (127, 56245), (134, 56269), (163, 56302), (192, 56347), (194, 56359), (199, 56380), (211, 56416), (214, 56428), (217, 56440), (238, 56476), (251, 56515), (254, 56521), (263, 56542), (267, 56551), (277, 56587), (297, 56671), (310, 56722), (319, 56749), (338, 56794), (341, 56806), (346, 56824),

Gene: Halfpint_66 Start: 56224, Stop: 56991, Start Num: 77
Candidate Starts for Halfpint_66:
(Start: 77 @56224 has 39 MA's), (Start: 92 @56260 has 1 MA's), (103, 56290), (122, 56374), (127, 56407), (138, 56440), (170, 56476), (174, 56482), (183, 56500), (188, 56506), (212, 56584), (230, 56620), (250, 56647), (257, 56665), (303, 56812), (321, 56884), (332, 56917), (347, 56956), (348, 56986),

Gene: Hally898_59 Start: 56086, Stop: 56856, Start Num: 46
Candidate Starts for Hally898_59:
(22, 55996), (Start: 46 @56086 has 17 MA's), (Start: 51 @56095 has 11 MA's), (Start: 84 @56140 has 1 MA's), (109, 56200), (111, 56209), (112, 56215), (113, 56218), (125, 56278), (127, 56290), (133, 56308), (146, 56320), (167, 56350), (192, 56386), (195, 56401), (211, 56455), (212, 56461), (225, 56491), (228, 56497), (246, 56527), (254, 56548), (267, 56578), (276, 56611), (282, 56632), (294, 56680), (296, 56701), (298, 56710), (314, 56776), (327, 56806),

Gene: Hamish_64 Start: 55979, Stop: 56710, Start Num: 94
Candidate Starts for Hamish_64:
(Start: 43 @55856 has 22 MA's), (Start: 62 @55907 has 3 MA's), (65, 55910), (73, 55928), (Start: 80 @55946 has 86 MA's), (Start: 88 @55967 has 3 MA's), (Start: 94 @55979 has 10 MA's), (104, 56006), (129, 56129), (133, 56141), (172, 56192), (180, 56207), (191, 56228), (192, 56231), (195, 56246), (211, 56300), (220, 56327), (225, 56333), (295, 56519), (321, 56615), (327, 56633), (330, 56642),

Gene: Hangman_60 Start: 57170, Stop: 57952, Start Num: 46
Candidate Starts for Hangman_60:
(Start: 42 @57143 has 3 MA's), (Start: 46 @57170 has 17 MA's), (Start: 51 @57179 has 11 MA's),
(Start: 84 @57233 has 1 MA's), (113, 57311), (148, 57416), (161, 57434), (164, 57437), (192, 57479),
(203, 57533), (211, 57548), (212, 57554), (217, 57572), (225, 57584), (228, 57590), (253, 57647),
(273, 57701), (294, 57770), (296, 57791), (301, 57806), (306, 57833), (307, 57836), (316, 57869),
(327, 57896),

Gene: Happabalu_66 Start: 57203, Stop: 57964, Start Num: 71
Candidate Starts for Happabalu_66:
(Start: 71 @57203 has 152 MA's), (Start: 98 @57242 has 2 MA's), (113, 57305), (117, 57323), (127,
57377), (134, 57401), (163, 57434), (192, 57479), (194, 57491), (199, 57512), (211, 57548), (214,
57560), (217, 57572), (238, 57608), (251, 57647), (254, 57653), (263, 57674), (267, 57683), (277,
57719), (297, 57803), (310, 57854), (319, 57881), (338, 57926), (341, 57938), (346, 57956),

Gene: Hartsy_66 Start: 56213, Stop: 56974, Start Num: 71
Candidate Starts for Hartsy_66:
(Start: 71 @56213 has 152 MA's), (Start: 98 @56252 has 2 MA's), (113, 56315), (117, 56333), (127,
56387), (134, 56411), (163, 56444), (192, 56489), (194, 56501), (199, 56522), (211, 56558), (214,
56570), (217, 56582), (238, 56618), (251, 56657), (254, 56663), (263, 56684), (267, 56693), (277,
56729), (297, 56813), (310, 56864), (319, 56891), (338, 56936), (341, 56948), (346, 56966),

Gene: Harvey_64 Start: 56043, Stop: 56807, Start Num: 80
Candidate Starts for Harvey_64:
(Start: 43 @55953 has 22 MA's), (Start: 62 @56004 has 3 MA's), (65, 56007), (73, 56025), (Start: 80
@56043 has 86 MA's), (Start: 88 @56064 has 3 MA's), (Start: 94 @56076 has 10 MA's), (104, 56103),
(129, 56226), (133, 56238), (172, 56289), (180, 56304), (191, 56325), (192, 56328), (195, 56343),
(211, 56397), (220, 56424), (225, 56430), (295, 56616), (321, 56712), (327, 56730), (330, 56739),

Gene: HarveySr_66 Start: 55982, Stop: 56695, Start Num: 82
Candidate Starts for HarveySr_66:
(Start: 47 @55904 has 1 MA's), (72, 55958), (Start: 82 @55982 has 1 MA's), (Start: 87 @55994 has 6
MA's), (103, 56036), (113, 56081), (118, 56105), (121, 56117), (139, 56183), (153, 56198), (159,
56204), (197, 56270), (203, 56300), (211, 56315), (222, 56342), (240, 56372), (247, 56393), (252,
56402), (270, 56441), (280, 56474), (293, 56516), (296, 56540), (301, 56555), (304, 56573), (310,
56597), (318, 56621),

Gene: Hashim76_69 Start: 57767, Stop: 58498, Start Num: 96
Candidate Starts for Hashim76_69:
(63, 57701), (Start: 79 @57737 has 4 MA's), (Start: 96 @57767 has 27 MA's), (113, 57833), (122,
57872), (128, 57911), (138, 57935), (180, 57989), (195, 58028), (231, 58130), (242, 58151), (249,
58169), (277, 58247), (289, 58280), (314, 58394), (318, 58403), (327, 58424),

Gene: Heath_59 Start: 56797, Stop: 57579, Start Num: 46
Candidate Starts for Heath_59:
(Start: 42 @56770 has 3 MA's), (Start: 46 @56797 has 17 MA's), (Start: 51 @56806 has 11 MA's),
(Start: 84 @56860 has 1 MA's), (113, 56938), (136, 57037), (148, 57043), (161, 57061), (192, 57106),
(203, 57160), (211, 57175), (212, 57181), (217, 57199), (225, 57211), (228, 57217), (253, 57274),
(273, 57328), (294, 57397), (301, 57433), (306, 57460), (307, 57463), (316, 57496), (327, 57523),

Gene: Heathcliff_67 Start: 56440, Stop: 57207, Start Num: 77
Candidate Starts for Heathcliff_67:

(Start: 77 @56440 has 39 MA's), (Start: 92 @56476 has 1 MA's), (103, 56506), (122, 56590), (127, 56623), (138, 56656), (170, 56692), (174, 56698), (183, 56716), (188, 56722), (212, 56800), (230, 56836), (250, 56863), (257, 56881), (303, 57028), (321, 57100), (347, 57172), (348, 57202),

Gene: Hedgerow_63 Start: 54844, Stop: 55545, Start Num: 96
Candidate Starts for Hedgerow_63:
(1, 54388), (2, 54394), (3, 54397), (Start: 4 @54427 has 1 MA's), (8, 54505), (9, 54526), (Start: 70 @54799 has 1 MA's), (Start: 75 @54811 has 7 MA's), (Start: 96 @54844 has 27 MA's), (114, 54916), (117, 54931), (122, 54952), (144, 55015), (183, 55072), (184, 55075), (192, 55084), (194, 55096), (206, 55144), (211, 55153), (225, 55186), (228, 55192), (261, 55261), (273, 55291), (277, 55306), (296, 55381), (301, 55396), (314, 55456), (326, 55483),

Gene: Held_65 Start: 56017, Stop: 56781, Start Num: 80
Candidate Starts for Held_65:
(Start: 43 @55927 has 22 MA's), (Start: 62 @55978 has 3 MA's), (65, 55981), (73, 55999), (Start: 80 @56017 has 86 MA's), (Start: 88 @56038 has 3 MA's), (Start: 94 @56050 has 10 MA's), (104, 56077), (129, 56200), (133, 56212), (172, 56263), (180, 56278), (191, 56299), (192, 56302), (195, 56317), (211, 56371), (220, 56398), (225, 56404), (295, 56590), (321, 56686), (327, 56704), (330, 56713),

Gene: HenryJackson_67 Start: 56554, Stop: 57315, Start Num: 71
Candidate Starts for HenryJackson_67:
(Start: 71 @56554 has 152 MA's), (Start: 98 @56593 has 2 MA's), (113, 56656), (117, 56674), (127, 56728), (134, 56752), (163, 56785), (192, 56830), (194, 56842), (199, 56863), (211, 56899), (214, 56911), (217, 56923), (251, 56998), (254, 57004), (263, 57025), (267, 57034), (277, 57070), (297, 57154), (310, 57205), (319, 57232), (338, 57277), (341, 57289), (346, 57307),

Gene: Hertubise_66 Start: 56320, Stop: 57081, Start Num: 71
Candidate Starts for Hertubise_66:
(Start: 71 @56320 has 152 MA's), (Start: 98 @56359 has 2 MA's), (113, 56422), (117, 56440), (127, 56494), (134, 56518), (163, 56551), (192, 56596), (194, 56608), (199, 56629), (211, 56665), (214, 56677), (217, 56689), (238, 56725), (251, 56764), (254, 56770), (263, 56791), (267, 56800), (277, 56836), (297, 56920), (310, 56971), (319, 56998), (338, 57043), (341, 57055), (346, 57073),

Gene: Hetaeria_66 Start: 56260, Stop: 57021, Start Num: 71
Candidate Starts for Hetaeria_66:
(Start: 71 @56260 has 152 MA's), (Start: 98 @56299 has 2 MA's), (113, 56362), (117, 56380), (127, 56434), (134, 56458), (163, 56491), (192, 56536), (194, 56548), (199, 56569), (211, 56605), (214, 56617), (217, 56629), (238, 56665), (251, 56704), (254, 56710), (263, 56731), (267, 56740), (277, 56776), (297, 56860), (310, 56911), (319, 56938), (338, 56983), (341, 56995), (346, 57013),

Gene: HighStump_68 Start: 56520, Stop: 57284, Start Num: 80
Candidate Starts for HighStump_68:
(Start: 43 @56430 has 22 MA's), (Start: 62 @56481 has 3 MA's), (65, 56484), (73, 56502), (Start: 80 @56520 has 86 MA's), (Start: 88 @56541 has 3 MA's), (Start: 94 @56553 has 10 MA's), (104, 56580), (129, 56703), (133, 56715), (172, 56766), (180, 56781), (191, 56802), (192, 56805), (195, 56820), (211, 56874), (220, 56901), (225, 56907), (295, 57093), (321, 57189), (327, 57207), (330, 57216),

Gene: Hocus_66 Start: 56015, Stop: 56776, Start Num: 71
Candidate Starts for Hocus_66:
(Start: 71 @56015 has 152 MA's), (Start: 98 @56054 has 2 MA's), (113, 56117), (117, 56135), (127, 56189), (134, 56213), (163, 56246), (192, 56291), (194, 56303), (199, 56324), (211, 56360), (214, 56372), (217, 56384), (238, 56420), (251, 56459), (254, 56465), (263, 56486), (267, 56495), (277, 56531), (297, 56615), (310, 56666), (319, 56693), (338, 56738), (341, 56750), (346, 56768),

Gene: HogWash_67 Start: 56905, Stop: 57666, Start Num: 71
Candidate Starts for HogWash_67:
(Start: 71 @56905 has 152 MA's), (Start: 98 @56944 has 2 MA's), (113, 57007), (117, 57025), (127, 57079), (134, 57103), (163, 57136), (192, 57181), (194, 57193), (199, 57214), (211, 57250), (214, 57262), (217, 57274), (238, 57310), (251, 57349), (254, 57355), (263, 57376), (267, 57385), (277, 57421), (297, 57505), (310, 57556), (319, 57583), (338, 57628), (341, 57640), (346, 57658),

Gene: Holeinone_63 Start: 54732, Stop: 55433, Start Num: 96
Candidate Starts for Holeinone_63:
(10, 54462), (27, 54543), (Start: 70 @54687 has 1 MA's), (Start: 75 @54699 has 7 MA's), (Start: 96 @54732 has 27 MA's), (114, 54804), (117, 54819), (122, 54840), (144, 54903), (183, 54960), (184, 54963), (192, 54972), (194, 54984), (206, 55032), (211, 55041), (225, 55074), (228, 55080), (261, 55149), (273, 55179), (277, 55194), (296, 55269), (301, 55284), (314, 55344), (326, 55371),

Gene: Horchata_64 Start: 56038, Stop: 56802, Start Num: 80
Candidate Starts for Horchata_64:
(Start: 43 @55948 has 22 MA's), (Start: 62 @55999 has 3 MA's), (65, 56002), (73, 56020), (Start: 80 @56038 has 86 MA's), (Start: 88 @56059 has 3 MA's), (Start: 94 @56071 has 10 MA's), (104, 56098), (123, 56194), (129, 56221), (133, 56233), (172, 56284), (180, 56299), (191, 56320), (192, 56323), (195, 56338), (211, 56392), (220, 56419), (225, 56425), (295, 56611), (321, 56707), (327, 56725), (330, 56734),

Gene: Hosp_058 Start: 53715, Stop: 54479, Start Num: 83
Candidate Starts for Hosp_058:
(Start: 83 @53715 has 1 MA's), (103, 53760), (117, 53823), (145, 53919), (147, 53922), (166, 53949), (169, 53952), (192, 53991), (203, 54039), (211, 54054), (212, 54060), (241, 54114), (244, 54120), (246, 54129), (267, 54177), (282, 54231), (307, 54333), (314, 54363), (316, 54366), (320, 54375), (330, 54402), (338, 54420), (346, 54450),

Gene: Hydro_60 Start: 57134, Stop: 57913, Start Num: 46
Candidate Starts for Hydro_60:
(15, 57017), (Start: 42 @57107 has 3 MA's), (Start: 46 @57134 has 17 MA's), (Start: 51 @57143 has 11 MA's), (Start: 84 @57197 has 1 MA's), (109, 57257), (111, 57266), (112, 57272), (113, 57275), (117, 57293), (125, 57335), (127, 57347), (133, 57365), (146, 57377), (167, 57407), (192, 57443), (195, 57458), (211, 57512), (212, 57518), (225, 57548), (228, 57554), (246, 57584), (254, 57605), (267, 57635), (282, 57689), (294, 57737), (296, 57758), (297, 57764), (298, 57767), (314, 57833), (327, 57863),

Gene: ImtiyazSitla_67 Start: 56247, Stop: 57011, Start Num: 80
Candidate Starts for ImtiyazSitla_67:
(Start: 43 @56157 has 22 MA's), (Start: 62 @56208 has 3 MA's), (65, 56211), (73, 56229), (Start: 80 @56247 has 86 MA's), (Start: 88 @56268 has 3 MA's), (Start: 94 @56280 has 10 MA's), (104, 56307), (129, 56430), (133, 56442), (172, 56493), (180, 56508), (191, 56529), (192, 56532), (195, 56547), (211, 56601), (220, 56628), (225, 56634), (295, 56820), (321, 56916), (327, 56934), (330, 56943),

Gene: Imvubu_60 Start: 55578, Stop: 56336, Start Num: 62
Candidate Starts for Imvubu_60:
(Start: 62 @55578 has 3 MA's), (91, 55644), (104, 55677), (152, 55833), (174, 55863), (185, 55884), (195, 55902), (207, 55947), (211, 55956), (217, 55980), (228, 55998), (234, 56007), (280, 56112), (286, 56130), (296, 56172), (305, 56208), (315, 56253), (342, 56313),

Gene: Inchworm_69 Start: 56411, Stop: 57172, Start Num: 71

Candidate Starts for Inchworm_69:
(Start: 71 @56411 has 152 MA's), (Start: 98 @56450 has 2 MA's), (113, 56513), (117, 56531), (127, 56585), (134, 56609), (163, 56642), (192, 56687), (194, 56699), (199, 56720), (211, 56756), (214, 56768), (217, 56780), (238, 56816), (251, 56855), (254, 56861), (263, 56882), (267, 56891), (277, 56927), (297, 57011), (310, 57062), (319, 57089), (338, 57134), (341, 57146), (346, 57164),

Gene: Indlovu_64 Start: 57486, Stop: 58259, Start Num: 51
Candidate Starts for Indlovu_64:
(Start: 51 @57486 has 11 MA's), (Start: 94 @57549 has 10 MA's), (103, 57573), (192, 57786), (194, 57798), (242, 57915), (293, 58077), (296, 58101), (297, 58107), (329, 58212), (339, 58236),

Gene: Inverness_65 Start: 56047, Stop: 56811, Start Num: 80
Candidate Starts for Inverness_65:
(Start: 43 @55957 has 22 MA's), (Start: 62 @56008 has 3 MA's), (65, 56011), (73, 56029), (Start: 80 @56047 has 86 MA's), (Start: 88 @56068 has 3 MA's), (Start: 94 @56080 has 10 MA's), (104, 56107), (123, 56203), (129, 56230), (133, 56242), (172, 56293), (180, 56308), (191, 56329), (192, 56332), (195, 56347), (211, 56401), (220, 56428), (225, 56434), (295, 56620), (321, 56716), (327, 56734), (330, 56743),

Gene: Iridessa_68 Start: 55979, Stop: 56740, Start Num: 71
Candidate Starts for Iridessa_68:
(Start: 71 @55979 has 152 MA's), (Start: 98 @56018 has 2 MA's), (113, 56081), (117, 56099), (127, 56153), (134, 56177), (163, 56210), (192, 56255), (194, 56267), (199, 56288), (211, 56324), (214, 56336), (217, 56348), (238, 56384), (251, 56423), (254, 56429), (263, 56450), (267, 56459), (277, 56495), (297, 56579), (310, 56630), (319, 56657), (338, 56702), (341, 56714), (346, 56732),

Gene: Iridoclysis_66 Start: 56241, Stop: 57095, Start Num: 43
Candidate Starts for Iridoclysis_66:
(Start: 43 @56241 has 22 MA's), (Start: 62 @56292 has 3 MA's), (65, 56295), (73, 56313), (Start: 80 @56331 has 86 MA's), (Start: 88 @56352 has 3 MA's), (Start: 94 @56364 has 10 MA's), (104, 56391), (129, 56514), (133, 56526), (172, 56577), (180, 56592), (191, 56613), (192, 56616), (195, 56631), (211, 56685), (220, 56712), (225, 56718), (295, 56904), (321, 57000), (327, 57018), (330, 57027),

Gene: IsaacEli_68 Start: 56543, Stop: 57304, Start Num: 71
Candidate Starts for IsaacEli_68:
(Start: 71 @56543 has 152 MA's), (Start: 98 @56582 has 2 MA's), (113, 56645), (117, 56663), (127, 56717), (134, 56741), (163, 56774), (192, 56819), (194, 56831), (199, 56852), (211, 56888), (214, 56900), (217, 56912), (238, 56948), (251, 56987), (254, 56993), (263, 57014), (267, 57023), (277, 57059), (297, 57143), (310, 57194), (319, 57221), (338, 57266), (341, 57278), (346, 57296),

Gene: ItsyBitsy1_62 Start: 54704, Stop: 55663, Start Num: 11
Candidate Starts for ItsyBitsy1_62:
(Start: 11 @54704 has 1 MA's), (20, 54761), (25, 54773), (Start: 70 @54917 has 1 MA's), (Start: 75 @54929 has 7 MA's), (Start: 96 @54962 has 27 MA's), (114, 55034), (117, 55049), (122, 55070), (144, 55133), (183, 55190), (184, 55193), (192, 55202), (194, 55214), (206, 55262), (211, 55271), (228, 55310), (261, 55379), (273, 55409), (277, 55424), (296, 55499), (301, 55514), (314, 55574), (326, 55601),

Gene: JAMaL_60 Start: 57206, Stop: 57964, Start Num: 46
Candidate Starts for JAMaL_60:
(36, 57167), (Start: 46 @57206 has 17 MA's), (Start: 51 @57215 has 11 MA's), (Start: 84 @57263 has 1 MA's), (109, 57323), (113, 57341), (125, 57401), (167, 57467), (192, 57503), (195, 57518), (205, 57560), (206, 57563), (211, 57572), (212, 57578), (217, 57596), (225, 57608), (246, 57644), (253,

57662), (294, 57785), (301, 57821), (310, 57863), (314, 57881), (318, 57890), (323, 57899), (327, 57911), (341, 57950),

Gene: JDog_66 Start: 56564, Stop: 57325, Start Num: 71
Candidate Starts for JDog_66:
(Start: 58 @56537 has 4 MA's), (Start: 71 @56564 has 152 MA's), (Start: 98 @56603 has 2 MA's), (113, 56666), (117, 56684), (127, 56738), (134, 56762), (163, 56795), (192, 56840), (194, 56852), (199, 56873), (211, 56909), (214, 56921), (217, 56933), (238, 56969), (251, 57008), (254, 57014), (263, 57035), (267, 57044), (277, 57080), (297, 57164), (310, 57215), (319, 57242), (338, 57287), (341, 57299), (346, 57317),

Gene: JacAttac_67 Start: 56008, Stop: 56769, Start Num: 71
Candidate Starts for JacAttac_67:
(Start: 71 @56008 has 152 MA's), (Start: 98 @56047 has 2 MA's), (113, 56110), (117, 56128), (127, 56182), (134, 56206), (163, 56239), (192, 56284), (194, 56296), (211, 56353), (214, 56365), (217, 56377), (238, 56413), (251, 56452), (254, 56458), (263, 56479), (267, 56488), (277, 56524), (297, 56608), (310, 56659), (319, 56686), (338, 56731), (341, 56743), (346, 56761),

Gene: Jackstina_63 Start: 56365, Stop: 57132, Start Num: 77
Candidate Starts for Jackstina_63:
(Start: 77 @56365 has 39 MA's), (Start: 92 @56401 has 1 MA's), (103, 56431), (122, 56515), (127, 56548), (138, 56581), (170, 56617), (174, 56623), (183, 56641), (188, 56647), (212, 56725), (230, 56761), (250, 56788), (257, 56806), (276, 56860), (321, 57025), (347, 57097), (348, 57127),

Gene: JaguarMi_62 Start: 58202, Stop: 58981, Start Num: 46
Candidate Starts for JaguarMi_62:
(15, 58085), (Start: 42 @58175 has 3 MA's), (Start: 46 @58202 has 17 MA's), (Start: 51 @58211 has 11 MA's), (Start: 84 @58265 has 1 MA's), (109, 58325), (111, 58334), (112, 58340), (113, 58343), (117, 58361), (124, 58400), (125, 58403), (127, 58415), (133, 58433), (146, 58445), (164, 58469), (167, 58475), (192, 58511), (195, 58526), (211, 58580), (212, 58586), (225, 58616), (228, 58622), (246, 58652), (254, 58673), (267, 58703), (282, 58757), (294, 58805), (296, 58826), (298, 58835), (314, 58901), (327, 58931),

Gene: JakeO_68 Start: 56289, Stop: 57050, Start Num: 71
Candidate Starts for JakeO_68:
(Start: 71 @56289 has 152 MA's), (Start: 98 @56328 has 2 MA's), (113, 56391), (117, 56409), (127, 56463), (134, 56487), (163, 56520), (192, 56565), (194, 56577), (199, 56598), (211, 56634), (214, 56646), (217, 56658), (251, 56733), (254, 56739), (263, 56760), (267, 56769), (277, 56805), (297, 56889), (310, 56940), (319, 56967), (338, 57012), (341, 57024),

Gene: JangoPhett_66 Start: 56349, Stop: 57110, Start Num: 71
Candidate Starts for JangoPhett_66:
(Start: 71 @56349 has 152 MA's), (Start: 98 @56388 has 2 MA's), (113, 56451), (117, 56469), (127, 56523), (134, 56547), (163, 56580), (192, 56625), (194, 56637), (199, 56658), (211, 56694), (214, 56706), (217, 56718), (238, 56754), (251, 56793), (254, 56799), (263, 56820), (267, 56829), (277, 56865), (297, 56949), (310, 57000), (319, 57027), (338, 57072), (341, 57084), (346, 57102),

Gene: Jesabah_69 Start: 57144, Stop: 57905, Start Num: 71
Candidate Starts for Jesabah_69:
(Start: 71 @57144 has 152 MA's), (Start: 98 @57183 has 2 MA's), (113, 57246), (117, 57264), (127, 57318), (134, 57342), (163, 57375), (192, 57420), (194, 57432), (199, 57453), (211, 57489), (214, 57501), (217, 57513), (238, 57549), (251, 57588), (254, 57594), (263, 57615), (267, 57624), (277, 57660), (297, 57744), (310, 57795), (319, 57822), (338, 57867), (341, 57879), (346, 57897),

Gene: Jillium_67 Start: 56549, Stop: 57310, Start Num: 71
Candidate Starts for Jillium_67:
(Start: 71 @56549 has 152 MA's), (Start: 98 @56588 has 2 MA's), (113, 56651), (117, 56669), (127, 56723), (134, 56747), (163, 56780), (192, 56825), (194, 56837), (199, 56858), (211, 56894), (214, 56906), (217, 56918), (238, 56954), (251, 56993), (254, 56999), (263, 57020), (267, 57029), (277, 57065), (297, 57149), (310, 57200), (319, 57227), (338, 57272), (341, 57284), (346, 57302),

Gene: Jiminy_68 Start: 56125, Stop: 56886, Start Num: 71
Candidate Starts for Jiminy_68:
(Start: 71 @56125 has 152 MA's), (Start: 98 @56164 has 2 MA's), (113, 56227), (117, 56245), (127, 56299), (134, 56323), (163, 56356), (192, 56401), (194, 56413), (199, 56434), (211, 56470), (214, 56482), (217, 56494), (251, 56569), (254, 56575), (263, 56596), (267, 56605), (277, 56641), (297, 56725), (310, 56776), (319, 56803), (338, 56848), (341, 56860),

Gene: Jiraiya_68 Start: 56321, Stop: 57082, Start Num: 71
Candidate Starts for Jiraiya_68:
(Start: 71 @56321 has 152 MA's), (Start: 98 @56360 has 2 MA's), (113, 56423), (117, 56441), (127, 56495), (134, 56519), (163, 56552), (192, 56597), (194, 56609), (199, 56630), (211, 56666), (214, 56678), (217, 56690), (238, 56726), (251, 56765), (254, 56771), (263, 56792), (267, 56801), (277, 56837), (297, 56921), (310, 56972), (319, 56999), (338, 57044), (341, 57056), (346, 57074),

Gene: Jolie1_060 Start: 55627, Stop: 56397, Start Num: 51
Candidate Starts for Jolie1_060:
(Start: 51 @55627 has 11 MA's), (109, 55735), (116, 55768), (125, 55813), (192, 55921), (194, 55933), (205, 55978), (211, 55990), (212, 55996), (217, 56014), (221, 56020), (225, 56026), (236, 56041), (246, 56062), (250, 56071), (253, 56080), (294, 56203), (325, 56323), (327, 56329),

Gene: JoyceMaria_60 Start: 57053, Stop: 57835, Start Num: 46
Candidate Starts for JoyceMaria_60:
(Start: 42 @57026 has 3 MA's), (Start: 46 @57053 has 17 MA's), (Start: 51 @57062 has 11 MA's), (Start: 84 @57116 has 1 MA's), (113, 57194), (148, 57299), (161, 57317), (164, 57320), (192, 57362), (203, 57416), (211, 57431), (212, 57437), (217, 57455), (225, 57467), (228, 57473), (253, 57530), (273, 57584), (294, 57653), (301, 57689), (306, 57716), (307, 57719), (316, 57752), (327, 57779),

Gene: KLucky39_65 Start: 55868, Stop: 56656, Start Num: 58
Candidate Starts for KLucky39_65:
(Start: 58 @55868 has 4 MA's), (Start: 71 @55895 has 152 MA's), (Start: 98 @55934 has 2 MA's), (113, 55997), (117, 56015), (127, 56069), (134, 56093), (163, 56126), (192, 56171), (194, 56183), (199, 56204), (211, 56240), (214, 56252), (217, 56264), (238, 56300), (251, 56339), (254, 56345), (263, 56366), (267, 56375), (277, 56411), (297, 56495), (310, 56546), (319, 56573), (338, 56618), (341, 56630), (346, 56648),

Gene: Kahve_67 Start: 56551, Stop: 57312, Start Num: 71
Candidate Starts for Kahve_67:
(Start: 71 @56551 has 152 MA's), (Start: 98 @56590 has 2 MA's), (113, 56653), (117, 56671), (127, 56725), (134, 56749), (163, 56782), (192, 56827), (194, 56839), (199, 56860), (211, 56896), (214, 56908), (217, 56920), (251, 56995), (254, 57001), (263, 57022), (267, 57031), (277, 57067), (297, 57151), (310, 57202), (319, 57229), (338, 57274), (341, 57286), (346, 57304),

Gene: Kailash_65 Start: 56438, Stop: 57202, Start Num: 80
Candidate Starts for Kailash_65:

(Start: 43 @56348 has 22 MA's), (Start: 62 @56399 has 3 MA's), (65, 56402), (73, 56420), (Start: 80 @56438 has 86 MA's), (Start: 88 @56459 has 3 MA's), (Start: 94 @56471 has 10 MA's), (104, 56498), (129, 56621), (133, 56633), (172, 56684), (180, 56699), (191, 56720), (192, 56723), (195, 56738), (211, 56792), (220, 56819), (225, 56825), (295, 57011), (321, 57107), (327, 57125), (330, 57134),

Gene: Kaleb_64 Start: 54879, Stop: 55580, Start Num: 96
Candidate Starts for Kaleb_64:
(5, 54483), (6, 54486), (8, 54540), (9, 54561), (Start: 70 @54834 has 1 MA's), (Start: 75 @54846 has 7 MA's), (Start: 96 @54879 has 27 MA's), (114, 54951), (117, 54966), (122, 54987), (144, 55050), (183, 55107), (184, 55110), (192, 55119), (194, 55131), (206, 55179), (211, 55188), (228, 55227), (261, 55296), (273, 55326), (277, 55341), (296, 55416), (301, 55431), (314, 55491), (326, 55518),

Gene: Kamiyu_67 Start: 56442, Stop: 57209, Start Num: 77
Candidate Starts for Kamiyu_67:
(Start: 77 @56442 has 39 MA's), (Start: 92 @56478 has 1 MA's), (103, 56508), (122, 56592), (127, 56625), (138, 56658), (170, 56694), (174, 56700), (183, 56718), (188, 56724), (212, 56802), (230, 56838), (250, 56865), (257, 56883), (321, 57102), (347, 57174), (348, 57204),

Gene: KarasumaRum_65 Start: 57415, Stop: 58170, Start Num: 64
Candidate Starts for KarasumaRum_65:
(64, 57415), (113, 57529), (114, 57532), (120, 57559), (125, 57589), (195, 57724), (211, 57778), (242, 57838), (245, 57844), (249, 57856), (257, 57877), (265, 57886), (291, 57973), (296, 58003), (301, 58018), (314, 58078), (327, 58108), (339, 58138), (343, 58150),

Gene: Karn_68 Start: 56285, Stop: 57046, Start Num: 71
Candidate Starts for Karn_68:
(Start: 71 @56285 has 152 MA's), (Start: 98 @56324 has 2 MA's), (113, 56387), (117, 56405), (127, 56459), (134, 56483), (163, 56516), (192, 56561), (194, 56573), (199, 56594), (211, 56630), (214, 56642), (217, 56654), (251, 56729), (254, 56735), (263, 56756), (267, 56765), (277, 56801), (297, 56885), (310, 56936), (319, 56963), (338, 57008), (341, 57020),

Gene: Katniss_68 Start: 55991, Stop: 56752, Start Num: 71
Candidate Starts for Katniss_68:
(Start: 71 @55991 has 152 MA's), (Start: 98 @56030 has 2 MA's), (113, 56093), (117, 56111), (127, 56165), (134, 56189), (163, 56222), (192, 56267), (194, 56279), (199, 56300), (211, 56336), (214, 56348), (217, 56360), (238, 56396), (251, 56435), (254, 56441), (263, 56462), (267, 56471), (277, 56507), (297, 56591), (310, 56642), (319, 56669), (338, 56714), (341, 56726), (346, 56744),

Gene: KayaCho_60 Start: 55739, Stop: 56506, Start Num: 51
Candidate Starts for KayaCho_60:
(Start: 51 @55739 has 11 MA's), (Start: 84 @55787 has 1 MA's), (116, 55880), (122, 55904), (125, 55925), (164, 55991), (192, 56033), (194, 56045), (205, 56090), (212, 56108), (217, 56126), (221, 56132), (225, 56138), (253, 56192), (254, 56195), (294, 56315), (296, 56336), (314, 56411), (345, 56483),

Gene: Keitherie_69 Start: 56613, Stop: 57374, Start Num: 71
Candidate Starts for Keitherie_69:
(Start: 71 @56613 has 152 MA's), (Start: 98 @56652 has 2 MA's), (113, 56715), (117, 56733), (127, 56787), (134, 56811), (163, 56844), (192, 56889), (194, 56901), (199, 56922), (211, 56958), (214, 56970), (217, 56982), (238, 57018), (251, 57057), (254, 57063), (263, 57084), (267, 57093), (277, 57129), (297, 57213), (310, 57264), (319, 57291), (338, 57336), (341, 57348), (346, 57366),

Gene: Khan1_68 Start: 56507, Stop: 57268, Start Num: 71

Candidate Starts for Khan1_68:
(Start: 71 @56507 has 152 MA's), (Start: 98 @56546 has 2 MA's), (113, 56609), (117, 56627), (127, 56681), (134, 56705), (163, 56738), (192, 56783), (194, 56795), (199, 56816), (211, 56852), (214, 56864), (217, 56876), (238, 56912), (251, 56951), (254, 56957), (263, 56978), (267, 56987), (277, 57023), (297, 57107), (310, 57158), (319, 57185), (338, 57230), (341, 57242), (346, 57260),

Gene: Kheth_63 Start: 54791, Stop: 55492, Start Num: 96
Candidate Starts for Kheth_63:
(5, 54395), (6, 54398), (8, 54452), (9, 54473), (Start: 70 @54746 has 1 MA's), (Start: 75 @54758 has 7 MA's), (Start: 96 @54791 has 27 MA's), (114, 54863), (117, 54878), (122, 54899), (144, 54962), (183, 55019), (184, 55022), (192, 55031), (194, 55043), (206, 55091), (211, 55100), (225, 55133), (228, 55139), (261, 55208), (273, 55238), (277, 55253), (296, 55328), (301, 55343), (314, 55403), (326, 55430),

Gene: Kikipoo_68 Start: 56543, Stop: 57304, Start Num: 71
Candidate Starts for Kikipoo_68:
(Start: 71 @56543 has 152 MA's), (Start: 98 @56582 has 2 MA's), (113, 56645), (117, 56663), (127, 56717), (134, 56741), (163, 56774), (192, 56819), (194, 56831), (199, 56852), (211, 56888), (214, 56900), (217, 56912), (238, 56948), (251, 56987), (254, 56993), (263, 57014), (267, 57023), (277, 57059), (297, 57143), (310, 57194), (319, 57221), (338, 57266), (341, 57278), (346, 57296),

Gene: Kimbrough_68 Start: 56593, Stop: 57354, Start Num: 71
Candidate Starts for Kimbrough_68:
(Start: 71 @56593 has 152 MA's), (Start: 98 @56632 has 2 MA's), (113, 56695), (117, 56713), (127, 56767), (134, 56791), (163, 56824), (192, 56869), (194, 56881), (199, 56902), (211, 56938), (214, 56950), (217, 56962), (238, 56998), (251, 57037), (254, 57043), (263, 57064), (267, 57073), (277, 57109), (297, 57193), (310, 57244), (319, 57271), (338, 57316), (341, 57328), (346, 57346),

Gene: KingTut_58 Start: 52778, Stop: 53509, Start Num: 94
Candidate Starts for KingTut_58:
(Start: 43 @52655 has 22 MA's), (Start: 62 @52706 has 3 MA's), (65, 52709), (73, 52727), (Start: 80 @52745 has 86 MA's), (Start: 88 @52766 has 3 MA's), (Start: 94 @52778 has 10 MA's), (104, 52805), (129, 52928), (133, 52940), (172, 52991), (180, 53006), (191, 53027), (192, 53030), (195, 53045), (211, 53099), (220, 53126), (225, 53132), (295, 53318), (321, 53414), (327, 53432), (330, 53441),

Gene: KingVeVeVe_65 Start: 55548, Stop: 56312, Start Num: 80
Candidate Starts for KingVeVeVe_65:
(Start: 43 @55458 has 22 MA's), (Start: 62 @55509 has 3 MA's), (65, 55512), (73, 55530), (Start: 80 @55548 has 86 MA's), (Start: 88 @55569 has 3 MA's), (Start: 94 @55581 has 10 MA's), (104, 55608), (129, 55731), (133, 55743), (172, 55794), (180, 55809), (191, 55830), (192, 55833), (195, 55848), (211, 55902), (220, 55929), (225, 55935), (295, 56121), (321, 56217), (327, 56235), (330, 56244),

Gene: KlimbOn_66 Start: 56052, Stop: 56813, Start Num: 71
Candidate Starts for KlimbOn_66:
(Start: 71 @56052 has 152 MA's), (Start: 98 @56091 has 2 MA's), (113, 56154), (117, 56172), (127, 56226), (134, 56250), (163, 56283), (192, 56328), (194, 56340), (199, 56361), (211, 56397), (214, 56409), (217, 56421), (238, 56457), (251, 56496), (254, 56502), (263, 56523), (267, 56532), (277, 56568), (297, 56652), (310, 56703), (319, 56730), (338, 56775), (341, 56787), (346, 56805),

Gene: Kloppinator_67 Start: 56203, Stop: 56970, Start Num: 80
Candidate Starts for Kloppinator_67:
(Start: 80 @56203 has 86 MA's), (Start: 88 @56224 has 3 MA's), (Start: 94 @56236 has 10 MA's), (104, 56263), (133, 56398), (172, 56449), (180, 56464), (191, 56485), (195, 56503), (201, 56530),

(211, 56557), (215, 56575), (225, 56593), (233, 56605), (270, 56683), (296, 56782), (321, 56875),

Gene: Knocker_65 Start: 58505, Stop: 59257, Start Num: 62
Candidate Starts for Knocker_65:
(Start: 62 @58505 has 3 MA's), (91, 58562), (109, 58619), (113, 58637), (149, 58748), (152, 58751), (170, 58775), (185, 58802), (193, 58817), (195, 58820), (210, 58871), (212, 58880), (217, 58898), (219, 58901), (234, 58925), (249, 58943), (253, 58955), (275, 59015), (278, 59024), (279, 59027), (286, 59048), (297, 59096), (308, 59138), (332, 59216),

Gene: Kolhan_64 Start: 54735, Stop: 55469, Start Num: 75
Candidate Starts for Kolhan_64:
(Start: 11 @54510 has 1 MA's), (20, 54567), (25, 54579), (Start: 70 @54723 has 1 MA's), (Start: 75 @54735 has 7 MA's), (Start: 96 @54768 has 27 MA's), (114, 54840), (117, 54855), (122, 54876), (144, 54939), (183, 54996), (184, 54999), (192, 55008), (194, 55020), (206, 55068), (211, 55077), (225, 55110), (228, 55116), (261, 55185), (273, 55215), (277, 55230), (296, 55305), (301, 55320), (314, 55380), (326, 55407),

Gene: Kronus_67 Start: 57538, Stop: 58305, Start Num: 77
Candidate Starts for Kronus_67:
(Start: 77 @57538 has 39 MA's), (Start: 92 @57574 has 1 MA's), (103, 57604), (122, 57688), (127, 57721), (138, 57754), (170, 57790), (174, 57796), (183, 57814), (188, 57820), (212, 57898), (230, 57934), (250, 57961), (257, 57979), (303, 58126), (321, 58198), (332, 58231), (347, 58270), (348, 58300),

Gene: Kwadwo_66 Start: 56002, Stop: 56763, Start Num: 71
Candidate Starts for Kwadwo_66:
(Start: 71 @56002 has 152 MA's), (Start: 98 @56041 has 2 MA's), (113, 56104), (117, 56122), (127, 56176), (134, 56200), (163, 56233), (192, 56278), (194, 56290), (211, 56347), (214, 56359), (217, 56371), (238, 56407), (251, 56446), (254, 56452), (263, 56473), (267, 56482), (277, 56518), (297, 56602), (310, 56653), (319, 56680), (338, 56725), (341, 56737), (346, 56755),

Gene: Kwksand96_67 Start: 56127, Stop: 56891, Start Num: 80
Candidate Starts for Kwksand96_67:
(Start: 43 @56037 has 22 MA's), (Start: 62 @56088 has 3 MA's), (65, 56091), (73, 56109), (Start: 80 @56127 has 86 MA's), (Start: 88 @56148 has 3 MA's), (Start: 94 @56160 has 10 MA's), (104, 56187), (129, 56310), (133, 56322), (172, 56373), (180, 56388), (191, 56409), (192, 56412), (195, 56427), (211, 56481), (220, 56508), (225, 56514), (295, 56700), (321, 56796), (327, 56814), (330, 56823),

Gene: Labeouficaum_67 Start: 56025, Stop: 56879, Start Num: 43
Candidate Starts for Labeouficaum_67:
(Start: 43 @56025 has 22 MA's), (Start: 62 @56076 has 3 MA's), (65, 56079), (73, 56097), (Start: 80 @56115 has 86 MA's), (Start: 88 @56136 has 3 MA's), (Start: 94 @56148 has 10 MA's), (104, 56175), (129, 56298), (133, 56310), (172, 56361), (180, 56376), (191, 56397), (192, 56400), (195, 56415), (211, 56469), (220, 56496), (225, 56502), (295, 56688), (321, 56784), (327, 56802), (330, 56811),

Gene: Lambano_59 Start: 56086, Stop: 56856, Start Num: 46
Candidate Starts for Lambano_59:
(22, 55996), (Start: 46 @56086 has 17 MA's), (Start: 51 @56095 has 11 MA's), (Start: 84 @56140 has 1 MA's), (109, 56200), (111, 56209), (112, 56215), (113, 56218), (125, 56278), (127, 56290), (133, 56308), (146, 56320), (167, 56350), (192, 56386), (195, 56401), (211, 56455), (212, 56461), (225, 56491), (228, 56497), (246, 56527), (254, 56548), (267, 56578), (276, 56611), (282, 56632), (294, 56680), (296, 56701), (298, 56710), (314, 56776), (327, 56806),

Gene: Lars_64 Start: 54819, Stop: 55553, Start Num: 75
Candidate Starts for Lars_64:
(10, 54588), (Start: 70 @54807 has 1 MA's), (Start: 75 @54819 has 7 MA's), (Start: 96 @54852 has 27 MA's), (114, 54924), (117, 54939), (122, 54960), (144, 55023), (183, 55080), (184, 55083), (192, 55092), (194, 55104), (206, 55152), (211, 55161), (228, 55200), (261, 55269), (273, 55299), (277, 55314), (296, 55389), (301, 55404), (314, 55464), (326, 55491),

Gene: Larson_70 Start: 56325, Stop: 57113, Start Num: 71
Candidate Starts for Larson_70:
(53, 56280), (Start: 56 @56289 has 3 MA's), (Start: 71 @56325 has 152 MA's), (115, 56451), (117, 56466), (125, 56508), (175, 56598), (194, 56637), (211, 56694), (254, 56799), (263, 56820), (277, 56865), (327, 57045), (329, 57051), (341, 57084),

Gene: LasagnaCat_69 Start: 56423, Stop: 57184, Start Num: 71
Candidate Starts for LasagnaCat_69:
(Start: 71 @56423 has 152 MA's), (Start: 98 @56462 has 2 MA's), (113, 56525), (117, 56543), (127, 56597), (134, 56621), (163, 56654), (192, 56699), (194, 56711), (199, 56732), (211, 56768), (214, 56780), (217, 56792), (238, 56828), (251, 56867), (254, 56873), (263, 56894), (267, 56903), (277, 56939), (297, 57023), (310, 57074), (319, 57101), (338, 57146), (341, 57158), (346, 57176),

Gene: Lasso_66 Start: 56298, Stop: 57029, Start Num: 94
Candidate Starts for Lasso_66:
(Start: 43 @56175 has 22 MA's), (Start: 62 @56226 has 3 MA's), (65, 56229), (73, 56247), (Start: 80 @56265 has 86 MA's), (Start: 88 @56286 has 3 MA's), (Start: 94 @56298 has 10 MA's), (104, 56325), (129, 56448), (133, 56460), (172, 56511), (180, 56526), (191, 56547), (192, 56550), (195, 56565), (211, 56619), (220, 56646), (225, 56652), (295, 56838), (321, 56934), (327, 56952), (330, 56961),

Gene: Laurie_63 Start: 54552, Stop: 55253, Start Num: 96
Candidate Starts for Laurie_63:
(10, 54285), (Start: 70 @54507 has 1 MA's), (Start: 75 @54519 has 7 MA's), (Start: 96 @54552 has 27 MA's), (114, 54624), (117, 54639), (122, 54660), (144, 54723), (183, 54780), (184, 54783), (192, 54792), (194, 54804), (206, 54852), (211, 54861), (228, 54900), (261, 54969), (273, 54999), (277, 55014), (296, 55089), (301, 55104), (314, 55164), (326, 55191),

Gene: LeeLot_66 Start: 56621, Stop: 57385, Start Num: 80
Candidate Starts for LeeLot_66:
(Start: 43 @56531 has 22 MA's), (Start: 62 @56582 has 3 MA's), (65, 56585), (73, 56603), (Start: 80 @56621 has 86 MA's), (Start: 88 @56642 has 3 MA's), (Start: 94 @56654 has 10 MA's), (104, 56681), (129, 56804), (133, 56816), (172, 56867), (180, 56882), (191, 56903), (192, 56906), (195, 56921), (211, 56975), (220, 57002), (225, 57008), (295, 57194), (321, 57290), (327, 57308), (330, 57317),

Gene: Lego3393_64 Start: 56483, Stop: 57337, Start Num: 43
Candidate Starts for Lego3393_64:
(Start: 43 @56483 has 22 MA's), (Start: 62 @56534 has 3 MA's), (65, 56537), (73, 56555), (Start: 80 @56573 has 86 MA's), (Start: 88 @56594 has 3 MA's), (Start: 94 @56606 has 10 MA's), (104, 56633), (129, 56756), (133, 56768), (172, 56819), (180, 56834), (191, 56855), (192, 56858), (195, 56873), (211, 56927), (220, 56954), (225, 56960), (295, 57146), (321, 57242), (327, 57260), (330, 57269),

Gene: Legolas_68 Start: 56360, Stop: 57124, Start Num: 80
Candidate Starts for Legolas_68:
(Start: 43 @56270 has 22 MA's), (Start: 62 @56321 has 3 MA's), (65, 56324), (73, 56342), (Start: 80 @56360 has 86 MA's), (Start: 88 @56381 has 3 MA's), (Start: 94 @56393 has 10 MA's), (104, 56420), (129, 56543), (133, 56555), (172, 56606), (180, 56621), (191, 56642), (192, 56645), (195, 56660),

(211, 56714), (220, 56741), (225, 56747), (295, 56933), (321, 57029), (327, 57047), (330, 57056),

Gene: Lehmann_69 Start: 56570, Stop: 57331, Start Num: 71
Candidate Starts for Lehmann_69:
(Start: 71 @56570 has 152 MA's), (Start: 98 @56609 has 2 MA's), (113, 56672), (117, 56690), (127, 56744), (134, 56768), (163, 56801), (192, 56846), (194, 56858), (199, 56879), (211, 56915), (214, 56927), (217, 56939), (238, 56975), (251, 57014), (253, 57017), (254, 57020), (263, 57041), (267, 57050), (277, 57086), (297, 57170), (310, 57221), (319, 57248), (338, 57293), (341, 57305), (346, 57323),

Gene: LeiMonet_70 Start: 56495, Stop: 57256, Start Num: 71
Candidate Starts for LeiMonet_70:
(Start: 71 @56495 has 152 MA's), (Start: 98 @56534 has 2 MA's), (113, 56597), (117, 56615), (127, 56669), (134, 56693), (163, 56726), (192, 56771), (194, 56783), (199, 56804), (211, 56840), (214, 56852), (217, 56864), (238, 56900), (251, 56939), (254, 56945), (263, 56966), (267, 56975), (277, 57011), (297, 57095), (310, 57146), (319, 57173), (338, 57218), (341, 57230), (346, 57248),

Gene: LemonSlice_67 Start: 56012, Stop: 56776, Start Num: 80
Candidate Starts for LemonSlice_67:
(Start: 43 @55922 has 22 MA's), (Start: 62 @55973 has 3 MA's), (65, 55976), (73, 55994), (Start: 80 @56012 has 86 MA's), (Start: 88 @56033 has 3 MA's), (Start: 94 @56045 has 10 MA's), (104, 56072), (129, 56195), (133, 56207), (172, 56258), (180, 56273), (191, 56294), (192, 56297), (195, 56312), (211, 56366), (220, 56393), (225, 56399), (295, 56585), (321, 56681), (327, 56699), (330, 56708),

Gene: Lephleur_63 Start: 54717, Stop: 55418, Start Num: 96
Candidate Starts for Lephleur_63:
(5, 54324), (6, 54327), (8, 54378), (9, 54399), (Start: 70 @54672 has 1 MA's), (Start: 75 @54684 has 7 MA's), (Start: 96 @54717 has 27 MA's), (114, 54789), (117, 54804), (122, 54825), (144, 54888), (183, 54945), (184, 54948), (192, 54957), (194, 54969), (206, 55017), (211, 55026), (228, 55065), (261, 55134), (273, 55164), (277, 55179), (296, 55254), (301, 55269), (314, 55329), (326, 55356),

Gene: LestyG_65 Start: 56004, Stop: 56735, Start Num: 92
Candidate Starts for LestyG_65:
(Start: 77 @55968 has 39 MA's), (Start: 92 @56004 has 1 MA's), (103, 56034), (122, 56118), (127, 56151), (138, 56184), (170, 56220), (174, 56226), (183, 56244), (188, 56250), (212, 56328), (230, 56364), (250, 56391), (257, 56409), (321, 56628), (347, 56700), (348, 56730),

Gene: Ligma_61 Start: 49797, Stop: 50528, Start Num: 97
Candidate Starts for Ligma_61:
(Start: 97 @49797 has 10 MA's), (106, 49827), (113, 49860), (114, 49863), (126, 49929), (127, 49932), (131, 49944), (134, 49953), (158, 49974), (180, 50004), (181, 50007), (189, 50019), (192, 50031), (195, 50046), (206, 50091), (224, 50142), (239, 50169), (251, 50211), (259, 50229), (280, 50295), (296, 50382), (302, 50400), (314, 50457), (334, 50505),

Gene: LilMcDreamy_63 Start: 57096, Stop: 57872, Start Num: 51
Candidate Starts for LilMcDreamy_63:
(16, 56973), (Start: 51 @57096 has 11 MA's), (67, 57135), (104, 57207), (113, 57249), (116, 57264), (148, 57354), (192, 57411), (194, 57423), (206, 57471), (211, 57480), (212, 57486), (225, 57516), (236, 57531), (246, 57552), (253, 57570), (280, 57645), (294, 57690), (314, 57786), (318, 57795),

Gene: LilSmirk_63 Start: 54717, Stop: 55451, Start Num: 75
Candidate Starts for LilSmirk_63:

(10, 54483), (27, 54564), (Start: 70 @54705 has 1 MA's), (Start: 75 @54717 has 7 MA's), (Start: 96 @54750 has 27 MA's), (114, 54822), (117, 54837), (122, 54858), (144, 54921), (183, 54978), (184, 54981), (192, 54990), (194, 55002), (206, 55050), (211, 55059), (225, 55092), (228, 55098), (261, 55167), (273, 55197), (277, 55212), (296, 55287), (301, 55302), (314, 55362), (326, 55389),

Gene: LittleDigger_59 Start: 56096, Stop: 56866, Start Num: 46
Candidate Starts for LittleDigger_59:
(22, 56006), (Start: 46 @56096 has 17 MA's), (Start: 51 @56105 has 11 MA's), (Start: 84 @56150 has 1 MA's), (109, 56210), (111, 56219), (112, 56225), (113, 56228), (125, 56288), (127, 56300), (133, 56318), (146, 56330), (167, 56360), (192, 56396), (195, 56411), (211, 56465), (212, 56471), (225, 56501), (228, 56507), (246, 56537), (254, 56558), (267, 56588), (276, 56621), (282, 56642), (294, 56690), (296, 56711), (298, 56720), (314, 56786), (327, 56816),

Gene: LittleMinkey_74 Start: 57622, Stop: 58386, Start Num: 77
Candidate Starts for LittleMinkey_74:
(Start: 71 @57610 has 152 MA's), (73, 57613), (Start: 77 @57622 has 39 MA's), (Start: 94 @57664 has 10 MA's), (132, 57823), (178, 57877), (180, 57880), (218, 57997), (253, 58048), (295, 58189), (301, 58207), (323, 58291), (340, 58339),

Gene: LittleMunchkin_62 Start: 52481, Stop: 53263, Start Num: 97
Candidate Starts for LittleMunchkin_62:
(74, 52433), (Start: 97 @52481 has 10 MA's), (112, 52544), (114, 52550), (117, 52565), (121, 52583), (127, 52619), (151, 52673), (172, 52700), (174, 52703), (181, 52718), (199, 52775), (211, 52811), (221, 52841), (239, 52880), (253, 52925), (288, 53039), (290, 53054), (293, 53075), (294, 53078), (299, 53111), (310, 53159), (312, 53171),

Gene: LizLemon_63 Start: 54879, Stop: 55580, Start Num: 96
Candidate Starts for LizLemon_63:
(1, 54423), (2, 54429), (3, 54432), (Start: 4 @54462 has 1 MA's), (8, 54540), (9, 54561), (Start: 70 @54834 has 1 MA's), (Start: 75 @54846 has 7 MA's), (Start: 96 @54879 has 27 MA's), (114, 54951), (117, 54966), (122, 54987), (144, 55050), (183, 55107), (184, 55110), (192, 55119), (194, 55131), (206, 55179), (211, 55188), (228, 55227), (261, 55296), (273, 55326), (277, 55341), (296, 55416), (301, 55431), (314, 55491), (326, 55518),

Gene: Lolalove_61 Start: 57140, Stop: 57913, Start Num: 51
Candidate Starts for Lolalove_61:
(Start: 42 @57104 has 3 MA's), (Start: 46 @57131 has 17 MA's), (Start: 51 @57140 has 11 MA's), (Start: 84 @57194 has 1 MA's), (113, 57272), (148, 57377), (161, 57395), (164, 57398), (192, 57440), (203, 57494), (211, 57509), (212, 57515), (217, 57533), (225, 57545), (228, 57551), (253, 57608), (273, 57662), (294, 57731), (301, 57767), (306, 57794), (307, 57797), (316, 57830), (327, 57857),

Gene: Longacauda_68 Start: 56398, Stop: 57159, Start Num: 71
Candidate Starts for Longacauda_68:
(Start: 71 @56398 has 152 MA's), (Start: 98 @56437 has 2 MA's), (113, 56500), (117, 56518), (127, 56572), (134, 56596), (163, 56629), (192, 56674), (194, 56686), (199, 56707), (211, 56743), (214, 56755), (217, 56767), (238, 56803), (251, 56842), (254, 56848), (263, 56869), (267, 56878), (277, 56914), (297, 56998), (310, 57049), (319, 57076), (338, 57121), (341, 57133), (346, 57151),

Gene: Lopsy_65 Start: 55692, Stop: 56453, Start Num: 71
Candidate Starts for Lopsy_65:
(Start: 71 @55692 has 152 MA's), (Start: 98 @55731 has 2 MA's), (113, 55794), (117, 55812), (127, 55866), (134, 55890), (163, 55923), (192, 55968), (194, 55980), (199, 56001), (211, 56037), (214, 56049), (217, 56061), (238, 56097), (251, 56136), (254, 56142), (263, 56163), (267, 56172), (277,

56208), (297, 56292), (310, 56343), (319, 56370), (338, 56415), (341, 56427), (346, 56445),

Gene: LostAndPhound_66 Start: 56586, Stop: 57329, Start Num: 88
Candidate Starts for LostAndPhound_66:
(Start: 43 @56475 has 22 MA's), (Start: 62 @56526 has 3 MA's), (65, 56529), (73, 56547), (Start: 80 @56565 has 86 MA's), (Start: 88 @56586 has 3 MA's), (Start: 94 @56598 has 10 MA's), (104, 56625), (129, 56748), (133, 56760), (172, 56811), (180, 56826), (191, 56847), (192, 56850), (195, 56865), (211, 56919), (220, 56946), (225, 56952), (295, 57138), (321, 57234), (327, 57252), (330, 57261),

Gene: LuckyMarjie_64 Start: 55753, Stop: 56514, Start Num: 71
Candidate Starts for LuckyMarjie_64:
(Start: 71 @55753 has 152 MA's), (Start: 98 @55792 has 2 MA's), (113, 55855), (117, 55873), (127, 55927), (134, 55951), (163, 55984), (192, 56029), (194, 56041), (211, 56098), (214, 56110), (217, 56122), (238, 56158), (251, 56197), (254, 56203), (263, 56224), (267, 56233), (277, 56269), (297, 56353), (310, 56404), (319, 56431), (338, 56476), (341, 56488), (346, 56506),

Gene: Lulumae_64 Start: 55737, Stop: 56498, Start Num: 71
Candidate Starts for Lulumae_64:
(Start: 71 @55737 has 152 MA's), (Start: 98 @55776 has 2 MA's), (113, 55839), (117, 55857), (127, 55911), (134, 55935), (163, 55968), (192, 56013), (194, 56025), (199, 56046), (211, 56082), (214, 56094), (217, 56106), (238, 56142), (251, 56181), (254, 56187), (263, 56208), (267, 56217), (277, 56253), (297, 56337), (310, 56388), (319, 56415), (338, 56460), (341, 56472), (346, 56490),

Gene: Lulwa_65 Start: 55335, Stop: 56096, Start Num: 71
Candidate Starts for Lulwa_65:
(Start: 71 @55335 has 152 MA's), (Start: 98 @55374 has 2 MA's), (113, 55437), (117, 55455), (127, 55509), (134, 55533), (163, 55566), (192, 55611), (194, 55623), (199, 55644), (211, 55680), (214, 55692), (217, 55704), (238, 55740), (251, 55779), (254, 55785), (263, 55806), (267, 55815), (277, 55851), (297, 55935), (310, 55986), (319, 56013), (338, 56058), (341, 56070), (346, 56088),

Gene: Lumine_68 Start: 56221, Stop: 56982, Start Num: 71
Candidate Starts for Lumine_68:
(Start: 71 @56221 has 152 MA's), (Start: 98 @56260 has 2 MA's), (113, 56323), (117, 56341), (127, 56395), (134, 56419), (163, 56452), (192, 56497), (194, 56509), (199, 56530), (211, 56566), (214, 56578), (217, 56590), (238, 56626), (251, 56665), (254, 56671), (263, 56692), (267, 56701), (277, 56737), (297, 56821), (310, 56872), (319, 56899), (338, 56944), (341, 56956), (346, 56974),

Gene: MRabcd_66 Start: 56334, Stop: 57098, Start Num: 80
Candidate Starts for MRabcd_66:
(Start: 43 @56244 has 22 MA's), (Start: 62 @56295 has 3 MA's), (65, 56298), (73, 56316), (Start: 80 @56334 has 86 MA's), (Start: 88 @56355 has 3 MA's), (Start: 94 @56367 has 10 MA's), (104, 56394), (129, 56517), (133, 56529), (172, 56580), (180, 56595), (191, 56616), (192, 56619), (195, 56634), (211, 56688), (220, 56715), (225, 56721), (295, 56907), (321, 57003), (327, 57021), (330, 57030),

Gene: Mag7_65 Start: 55982, Stop: 56746, Start Num: 80
Candidate Starts for Mag7_65:
(Start: 43 @55892 has 22 MA's), (Start: 62 @55943 has 3 MA's), (65, 55946), (73, 55964), (Start: 80 @55982 has 86 MA's), (Start: 88 @56003 has 3 MA's), (Start: 94 @56015 has 10 MA's), (104, 56042), (129, 56165), (133, 56177), (155, 56204), (172, 56228), (180, 56243), (191, 56264), (192, 56267), (195, 56282), (211, 56336), (220, 56363), (225, 56369), (295, 56555), (321, 56651), (327, 56669), (330, 56678),

Gene: Magic8_67 Start: 56343, Stop: 57104, Start Num: 71

Candidate Starts for Magic8_67:
(Start: 71 @56343 has 152 MA's), (Start: 98 @56382 has 2 MA's), (113, 56445), (117, 56463), (127, 56517), (134, 56541), (163, 56574), (192, 56619), (194, 56631), (199, 56652), (211, 56688), (214, 56700), (217, 56712), (238, 56748), (251, 56787), (254, 56793), (263, 56814), (267, 56823), (277, 56859), (297, 56943), (310, 56994), (319, 57021), (338, 57066), (341, 57078),

Gene: Magpie_59 Start: 57028, Stop: 57837, Start Num: 42
Candidate Starts for Magpie_59:
(Start: 42 @57028 has 3 MA's), (Start: 46 @57055 has 17 MA's), (Start: 51 @57064 has 11 MA's), (Start: 84 @57118 has 1 MA's), (113, 57196), (136, 57295), (148, 57301), (161, 57319), (164, 57322), (192, 57364), (203, 57418), (211, 57433), (212, 57439), (217, 57457), (225, 57469), (228, 57475), (253, 57532), (273, 57586), (294, 57655), (301, 57691), (306, 57718), (307, 57721), (312, 57745), (316, 57754), (327, 57781),

Gene: Mana_65 Start: 56006, Stop: 56740, Start Num: 80
Candidate Starts for Mana_65:
(Start: 43 @55916 has 22 MA's), (Start: 62 @55967 has 3 MA's), (65, 55970), (73, 55988), (Start: 80 @56006 has 86 MA's), (Start: 88 @56027 has 3 MA's), (Start: 94 @56039 has 10 MA's), (104, 56066), (129, 56189), (133, 56201), (172, 56252), (180, 56267), (191, 56288), (192, 56291), (195, 56306), (211, 56360), (220, 56387), (225, 56393), (295, 56579), (321, 56675), (327, 56693), (330, 56702),

Gene: Manad_66 Start: 56304, Stop: 57065, Start Num: 71
Candidate Starts for Manad_66:
(Start: 71 @56304 has 152 MA's), (Start: 98 @56343 has 2 MA's), (113, 56406), (117, 56424), (127, 56478), (134, 56502), (163, 56535), (192, 56580), (194, 56592), (199, 56613), (211, 56649), (214, 56661), (217, 56673), (238, 56709), (251, 56748), (254, 56754), (263, 56775), (267, 56784), (277, 56820), (297, 56904), (310, 56955), (319, 56982), (338, 57027), (341, 57039), (346, 57057),

Gene: Mariokart_57 Start: 48614, Stop: 49360, Start Num: 97
Candidate Starts for Mariokart_57:
(86, 48602), (Start: 97 @48614 has 10 MA's), (106, 48641), (113, 48674), (120, 48704), (143, 48788), (146, 48794), (154, 48803), (192, 48869), (194, 48881), (251, 49040), (297, 49202), (314, 49271),

Gene: Marley1013_67 Start: 57098, Stop: 57787, Start Num: 85
Candidate Starts for Marley1013_67:
(81, 57089), (Start: 85 @57098 has 2 MA's), (Start: 87 @57104 has 6 MA's), (122, 57230), (135, 57287), (153, 57308), (156, 57311), (186, 57356), (206, 57416), (216, 57443), (219, 57449), (260, 57512), (266, 57527), (268, 57530), (270, 57542), (293, 57617), (296, 57641), (310, 57698), (317, 57716), (321, 57725), (344, 57779),

Gene: Marlia_68 Start: 56911, Stop: 57678, Start Num: 77
Candidate Starts for Marlia_68:
(Start: 77 @56911 has 39 MA's), (Start: 92 @56947 has 1 MA's), (103, 56977), (122, 57061), (127, 57094), (138, 57127), (170, 57163), (174, 57169), (183, 57187), (188, 57193), (212, 57271), (230, 57307), (250, 57334), (257, 57352), (276, 57406), (303, 57499), (321, 57571), (332, 57604), (347, 57643), (348, 57673),

Gene: Maru_66 Start: 56446, Stop: 57210, Start Num: 80
Candidate Starts for Maru_66:
(Start: 43 @56356 has 22 MA's), (Start: 62 @56407 has 3 MA's), (65, 56410), (73, 56428), (Start: 80 @56446 has 86 MA's), (Start: 88 @56467 has 3 MA's), (Start: 94 @56479 has 10 MA's), (104, 56506), (129, 56629), (133, 56641), (172, 56692), (180, 56707), (191, 56728), (192, 56731), (195, 56746), (211, 56800), (220, 56827), (225, 56833), (295, 57019), (321, 57115), (327, 57133), (330, 57142),

Gene: Maskar_67 Start: 56247, Stop: 57011, Start Num: 80
Candidate Starts for Maskar_67:
(Start: 43 @56157 has 22 MA's), (Start: 62 @56208 has 3 MA's), (65, 56211), (73, 56229), (Start: 80 @56247 has 86 MA's), (Start: 88 @56268 has 3 MA's), (Start: 94 @56280 has 10 MA's), (104, 56307), (129, 56430), (133, 56442), (172, 56493), (180, 56508), (191, 56529), (192, 56532), (195, 56547), (211, 56601), (220, 56628), (225, 56634), (295, 56820), (321, 56916), (327, 56934), (330, 56943),

Gene: MasterPo_64 Start: 54749, Stop: 55450, Start Num: 96
Candidate Starts for MasterPo_64:
(10, 54479), (21, 54548), (25, 54560), (Start: 70 @54704 has 1 MA's), (Start: 75 @54716 has 7 MA's), (Start: 96 @54749 has 27 MA's), (114, 54821), (117, 54836), (122, 54857), (144, 54920), (183, 54977), (184, 54980), (192, 54989), (194, 55001), (206, 55049), (211, 55058), (225, 55091), (228, 55097), (261, 55166), (273, 55196), (277, 55211), (296, 55286), (301, 55301), (314, 55361), (326, 55388),

Gene: Matalotodo_65 Start: 56846, Stop: 57610, Start Num: 80
Candidate Starts for Matalotodo_65:
(Start: 43 @56756 has 22 MA's), (Start: 62 @56807 has 3 MA's), (65, 56810), (73, 56828), (Start: 80 @56846 has 86 MA's), (Start: 88 @56867 has 3 MA's), (Start: 94 @56879 has 10 MA's), (104, 56906), (129, 57029), (133, 57041), (172, 57092), (180, 57107), (191, 57128), (192, 57131), (195, 57146), (211, 57200), (220, 57227), (225, 57233), (295, 57419), (321, 57515), (327, 57533), (330, 57542),

Gene: Mcshane_66 Start: 56015, Stop: 56776, Start Num: 71
Candidate Starts for Mcshane_66:
(Start: 71 @56015 has 152 MA's), (Start: 98 @56054 has 2 MA's), (113, 56117), (117, 56135), (127, 56189), (134, 56213), (163, 56246), (192, 56291), (194, 56303), (199, 56324), (211, 56360), (214, 56372), (217, 56384), (238, 56420), (251, 56459), (254, 56465), (263, 56486), (267, 56495), (277, 56531), (297, 56615), (310, 56666), (319, 56693), (338, 56738), (341, 56750), (346, 56768),

Gene: Mecca_67 Start: 56580, Stop: 57341, Start Num: 71
Candidate Starts for Mecca_67:
(Start: 71 @56580 has 152 MA's), (Start: 98 @56619 has 2 MA's), (113, 56682), (117, 56700), (127, 56754), (134, 56778), (163, 56811), (192, 56856), (194, 56868), (199, 56889), (211, 56925), (214, 56937), (217, 56949), (238, 56985), (251, 57024), (254, 57030), (263, 57051), (267, 57060), (277, 57096), (297, 57180), (310, 57231), (319, 57258), (338, 57303), (341, 57315), (346, 57333),

Gene: Megamind20_68 Start: 56003, Stop: 56764, Start Num: 71
Candidate Starts for Megamind20_68:
(Start: 71 @56003 has 152 MA's), (Start: 98 @56042 has 2 MA's), (113, 56105), (117, 56123), (127, 56177), (134, 56201), (163, 56234), (192, 56279), (194, 56291), (199, 56312), (211, 56348), (214, 56360), (217, 56372), (238, 56408), (251, 56447), (254, 56453), (263, 56474), (267, 56483), (277, 56519), (297, 56603), (310, 56654), (319, 56681), (338, 56726), (341, 56738), (346, 56756),

Gene: Megatron_67 Start: 56530, Stop: 57291, Start Num: 71
Candidate Starts for Megatron_67:
(Start: 71 @56530 has 152 MA's), (Start: 98 @56569 has 2 MA's), (113, 56632), (117, 56650), (127, 56704), (134, 56728), (163, 56761), (192, 56806), (194, 56818), (199, 56839), (211, 56875), (214, 56887), (217, 56899), (238, 56935), (251, 56974), (254, 56980), (263, 57001), (267, 57010), (277, 57046), (297, 57130), (310, 57181), (319, 57208), (338, 57253), (341, 57265), (346, 57283),

Gene: Melc17_64 Start: 56647, Stop: 57411, Start Num: 80
Candidate Starts for Melc17_64:

(Start: 43 @56557 has 22 MA's), (Start: 62 @56608 has 3 MA's), (65, 56611), (73, 56629), (Start: 80 @56647 has 86 MA's), (Start: 88 @56668 has 3 MA's), (Start: 94 @56680 has 10 MA's), (104, 56707), (129, 56830), (133, 56842), (172, 56893), (180, 56908), (191, 56929), (192, 56932), (195, 56947), (211, 57001), (220, 57028), (225, 57034), (295, 57220), (321, 57316), (327, 57334), (330, 57343),

Gene: MelsMeow_66 Start: 56300, Stop: 57064, Start Num: 80
Candidate Starts for MelsMeow_66:
(Start: 43 @56210 has 22 MA's), (Start: 62 @56261 has 3 MA's), (65, 56264), (73, 56282), (Start: 80 @56300 has 86 MA's), (Start: 88 @56321 has 3 MA's), (Start: 94 @56333 has 10 MA's), (104, 56360), (129, 56483), (133, 56495), (172, 56546), (180, 56561), (191, 56582), (192, 56585), (195, 56600), (211, 56654), (220, 56681), (225, 56687), (295, 56873), (321, 56969), (327, 56987), (330, 56996),

Gene: Mesh1_67 Start: 56492, Stop: 57346, Start Num: 43
Candidate Starts for Mesh1_67:
(Start: 43 @56492 has 22 MA's), (Start: 62 @56543 has 3 MA's), (65, 56546), (73, 56564), (Start: 80 @56582 has 86 MA's), (Start: 88 @56603 has 3 MA's), (Start: 94 @56615 has 10 MA's), (104, 56642), (129, 56765), (133, 56777), (172, 56828), (180, 56843), (191, 56864), (192, 56867), (195, 56882), (211, 56936), (220, 56963), (225, 56969), (295, 57155), (321, 57251), (327, 57269), (330, 57278),

Gene: Mesmerelda_66 Start: 56573, Stop: 57334, Start Num: 71
Candidate Starts for Mesmerelda_66:
(Start: 71 @56573 has 152 MA's), (Start: 98 @56612 has 2 MA's), (113, 56675), (117, 56693), (127, 56747), (134, 56771), (163, 56804), (192, 56849), (194, 56861), (211, 56918), (214, 56930), (217, 56942), (238, 56978), (251, 57017), (254, 57023), (263, 57044), (267, 57053), (277, 57089), (297, 57173), (310, 57224), (319, 57251), (338, 57296), (341, 57308), (346, 57326),

Gene: MichaelPhcott_65 Start: 55889, Stop: 56743, Start Num: 43
Candidate Starts for MichaelPhcott_65:
(Start: 43 @55889 has 22 MA's), (Start: 62 @55940 has 3 MA's), (65, 55943), (73, 55961), (Start: 80 @55979 has 86 MA's), (Start: 88 @56000 has 3 MA's), (Start: 94 @56012 has 10 MA's), (104, 56039), (129, 56162), (133, 56174), (172, 56225), (180, 56240), (191, 56261), (192, 56264), (195, 56279), (211, 56333), (220, 56360), (225, 56366), (295, 56552), (321, 56648), (327, 56666), (330, 56675),

Gene: Mikota_64 Start: 55546, Stop: 56310, Start Num: 80
Candidate Starts for Mikota_64:
(37, 55420), (Start: 62 @55507 has 3 MA's), (65, 55510), (73, 55528), (Start: 80 @55546 has 86 MA's), (Start: 88 @55567 has 3 MA's), (Start: 94 @55579 has 10 MA's), (104, 55606), (123, 55702), (129, 55729), (133, 55741), (172, 55792), (180, 55807), (191, 55828), (192, 55831), (195, 55846), (211, 55900), (220, 55927), (225, 55933), (295, 56119), (321, 56215), (327, 56233), (330, 56242),

Gene: MiniBoss_64 Start: 55351, Stop: 56115, Start Num: 80
Candidate Starts for MiniBoss_64:
(Start: 43 @55261 has 22 MA's), (Start: 62 @55312 has 3 MA's), (65, 55315), (73, 55333), (Start: 80 @55351 has 86 MA's), (Start: 88 @55372 has 3 MA's), (Start: 94 @55384 has 10 MA's), (104, 55411), (123, 55507), (129, 55534), (133, 55546), (172, 55597), (180, 55612), (191, 55633), (192, 55636), (195, 55651), (211, 55705), (220, 55732), (225, 55738), (295, 55924), (321, 56020), (327, 56038), (330, 56047),

Gene: MitKao_66 Start: 56016, Stop: 56780, Start Num: 80
Candidate Starts for MitKao_66:
(Start: 43 @55926 has 22 MA's), (Start: 62 @55977 has 3 MA's), (65, 55980), (73, 55998), (Start: 80 @56016 has 86 MA's), (Start: 88 @56037 has 3 MA's), (Start: 94 @56049 has 10 MA's), (104, 56076), (129, 56199), (133, 56211), (172, 56262), (180, 56277), (191, 56298), (192, 56301), (195, 56316),

(211, 56370), (220, 56397), (225, 56403), (295, 56589), (321, 56685), (327, 56703), (330, 56712),

Gene: Mithril_60 Start: 57285, Stop: 58067, Start Num: 46
Candidate Starts for Mithril_60:
(Start: 42 @57258 has 3 MA's), (Start: 46 @57285 has 17 MA's), (Start: 51 @57294 has 11 MA's), (Start: 84 @57348 has 1 MA's), (113, 57426), (148, 57531), (161, 57549), (164, 57552), (192, 57594), (203, 57648), (211, 57663), (212, 57669), (217, 57687), (225, 57699), (228, 57705), (253, 57762), (273, 57816), (294, 57885), (301, 57921), (306, 57948), (307, 57951), (316, 57984), (327, 58011),

Gene: MmasiCarm_68 Start: 56893, Stop: 57660, Start Num: 77
Candidate Starts for MmasiCarm_68:
(Start: 77 @56893 has 39 MA's), (Start: 92 @56929 has 1 MA's), (103, 56959), (122, 57043), (127, 57076), (138, 57109), (170, 57145), (174, 57151), (183, 57169), (188, 57175), (212, 57253), (230, 57289), (250, 57316), (257, 57334), (321, 57553), (347, 57625), (348, 57655),

Gene: Morgushi_65 Start: 56005, Stop: 56769, Start Num: 80
Candidate Starts for Morgushi_65:
(Start: 43 @55915 has 22 MA's), (Start: 62 @55966 has 3 MA's), (65, 55969), (73, 55987), (Start: 80 @56005 has 86 MA's), (Start: 88 @56026 has 3 MA's), (Start: 94 @56038 has 10 MA's), (104, 56065), (129, 56188), (133, 56200), (172, 56251), (180, 56266), (191, 56287), (192, 56290), (195, 56305), (211, 56359), (220, 56386), (225, 56392), (295, 56578), (321, 56674), (327, 56692), (330, 56701),

Gene: Mortcellus_67 Start: 57555, Stop: 58322, Start Num: 77
Candidate Starts for Mortcellus_67:
(Start: 77 @57555 has 39 MA's), (Start: 92 @57591 has 1 MA's), (103, 57621), (122, 57705), (127, 57738), (138, 57771), (170, 57807), (174, 57813), (183, 57831), (188, 57837), (212, 57915), (230, 57951), (250, 57978), (257, 57996), (276, 58050), (303, 58143), (321, 58215), (332, 58248), (347, 58287), (348, 58317),

Gene: Morty_68 Start: 56544, Stop: 57305, Start Num: 71
Candidate Starts for Morty_68:
(Start: 71 @56544 has 152 MA's), (Start: 98 @56583 has 2 MA's), (113, 56646), (117, 56664), (127, 56718), (134, 56742), (163, 56775), (192, 56820), (194, 56832), (199, 56853), (211, 56889), (214, 56901), (217, 56913), (238, 56949), (251, 56988), (254, 56994), (263, 57015), (267, 57024), (277, 57060), (297, 57144), (310, 57195), (319, 57222), (338, 57267), (341, 57279), (346, 57297),

Gene: Morty007_65 Start: 57104, Stop: 57787, Start Num: 87
Candidate Starts for Morty007_65:
(81, 57089), (Start: 85 @57098 has 2 MA's), (Start: 87 @57104 has 6 MA's), (122, 57230), (135, 57287), (153, 57308), (156, 57311), (186, 57356), (206, 57416), (216, 57443), (219, 57449), (260, 57512), (266, 57527), (268, 57530), (270, 57542), (293, 57617), (296, 57641), (310, 57698), (317, 57716), (321, 57725), (344, 57779),

Gene: Mosaic_64 Start: 56010, Stop: 56774, Start Num: 80
Candidate Starts for Mosaic_64:
(Start: 43 @55920 has 22 MA's), (Start: 62 @55971 has 3 MA's), (65, 55974), (73, 55992), (Start: 80 @56010 has 86 MA's), (Start: 88 @56031 has 3 MA's), (Start: 94 @56043 has 10 MA's), (104, 56070), (129, 56193), (133, 56205), (172, 56256), (180, 56271), (191, 56292), (192, 56295), (195, 56310), (211, 56364), (220, 56391), (225, 56397), (295, 56583), (321, 56679), (327, 56697), (330, 56706),

Gene: MrPhizzler_70 Start: 56484, Stop: 57245, Start Num: 71
Candidate Starts for MrPhizzler_70:

(Start: 71 @56484 has 152 MA's), (Start: 98 @56523 has 2 MA's), (113, 56586), (117, 56604), (127, 56658), (134, 56682), (163, 56715), (192, 56760), (194, 56772), (199, 56793), (211, 56829), (214, 56841), (217, 56853), (238, 56889), (251, 56928), (254, 56934), (263, 56955), (267, 56964), (277, 57000), (297, 57084), (310, 57135), (319, 57162), (338, 57207), (341, 57219), (346, 57237),

Gene: Mudslide_60 Start: 57386, Stop: 58165, Start Num: 46
Candidate Starts for Mudslide_60:
(15, 57269), (Start: 42 @57359 has 3 MA's), (Start: 46 @57386 has 17 MA's), (Start: 51 @57395 has 11 MA's), (Start: 84 @57449 has 1 MA's), (109, 57509), (111, 57518), (112, 57524), (113, 57527), (117, 57545), (125, 57587), (127, 57599), (133, 57617), (146, 57629), (167, 57659), (192, 57695), (195, 57710), (211, 57764), (212, 57770), (225, 57800), (228, 57806), (246, 57836), (250, 57845), (254, 57857), (267, 57887), (282, 57941), (294, 57989), (296, 58010), (297, 58016), (298, 58019), (314, 58085), (327, 58115),

Gene: Mulan_66 Start: 56245, Stop: 57009, Start Num: 80
Candidate Starts for Mulan_66:
(Start: 43 @56155 has 22 MA's), (Start: 62 @56206 has 3 MA's), (65, 56209), (73, 56227), (Start: 80 @56245 has 86 MA's), (Start: 88 @56266 has 3 MA's), (Start: 94 @56278 has 10 MA's), (104, 56305), (129, 56428), (133, 56440), (172, 56491), (180, 56506), (191, 56527), (192, 56530), (195, 56545), (211, 56599), (220, 56626), (225, 56632), (295, 56818), (321, 56914), (327, 56932), (330, 56941),

Gene: Mulaychimus_68 Start: 56946, Stop: 57677, Start Num: 92
Candidate Starts for Mulaychimus_68:
(Start: 77 @56910 has 39 MA's), (Start: 92 @56946 has 1 MA's), (103, 56976), (122, 57060), (127, 57093), (138, 57126), (170, 57162), (174, 57168), (183, 57186), (188, 57192), (212, 57270), (230, 57306), (250, 57333), (257, 57351), (321, 57570), (347, 57642), (348, 57672),

Gene: Murdoc_64 Start: 56294, Stop: 57058, Start Num: 80
Candidate Starts for Murdoc_64:
(Start: 43 @56204 has 22 MA's), (Start: 62 @56255 has 3 MA's), (65, 56258), (73, 56276), (Start: 80 @56294 has 86 MA's), (Start: 88 @56315 has 3 MA's), (Start: 94 @56327 has 10 MA's), (104, 56354), (129, 56477), (133, 56489), (172, 56540), (180, 56555), (191, 56576), (192, 56579), (195, 56594), (211, 56648), (220, 56675), (225, 56681), (295, 56867), (321, 56963), (327, 56981), (330, 56990),

Gene: Mutante_67 Start: 56027, Stop: 56788, Start Num: 71
Candidate Starts for Mutante_67:
(Start: 71 @56027 has 152 MA's), (Start: 98 @56066 has 2 MA's), (113, 56129), (117, 56147), (127, 56201), (134, 56225), (163, 56258), (192, 56303), (194, 56315), (199, 56336), (211, 56372), (214, 56384), (217, 56396), (238, 56432), (251, 56471), (254, 56477), (263, 56498), (267, 56507), (277, 56543), (297, 56627), (310, 56678), (319, 56705), (338, 56750), (341, 56762), (346, 56780),

Gene: Mysterious_63 Start: 57321, Stop: 58067, Start Num: 56
Candidate Starts for Mysterious_63:
(Start: 56 @57321 has 3 MA's), (64, 57333), (103, 57405), (104, 57408), (151, 57555), (181, 57597), (192, 57612), (211, 57681), (249, 57759), (254, 57774), (270, 57807), (291, 57876), (314, 57981), (324, 58002), (343, 58047),

Gene: NHagos_58 Start: 49051, Stop: 49803, Start Num: 85
Candidate Starts for NHagos_58:
(34, 48901), (Start: 42 @48940 has 3 MA's), (Start: 82 @49045 has 1 MA's), (Start: 85 @49051 has 2 MA's), (Start: 95 @49075 has 2 MA's), (104, 49102), (113, 49144), (116, 49159), (122, 49183), (168, 49282), (194, 49327), (195, 49330), (202, 49366), (203, 49369), (217, 49408), (235, 49438), (248, 49477), (250, 49483), (276, 49561), (282, 49582), (291, 49609), (296, 49639), (301, 49654), (304,

49672), (312, 49708), (313, 49711), (316, 49717), (317, 49720), (327, 49744), (330, 49753),

Gene: Nacho_0070 Start: 57038, Stop: 57826, Start Num: 58
Candidate Starts for Nacho_0070:
(Start: 58 @57038 has 4 MA's), (Start: 71 @57065 has 152 MA's), (Start: 98 @57104 has 2 MA's),
(113, 57167), (117, 57185), (127, 57239), (134, 57263), (163, 57296), (192, 57341), (194, 57353),
(199, 57374), (211, 57410), (214, 57422), (217, 57434), (238, 57470), (251, 57509), (254, 57515),
(263, 57536), (267, 57545), (277, 57581), (297, 57665), (310, 57716), (319, 57743), (338, 57788),
(341, 57800), (346, 57818),

Gene: Nanao_59 Start: 56076, Stop: 56846, Start Num: 46
Candidate Starts for Nanao_59:
(22, 55986), (Start: 46 @56076 has 17 MA's), (Start: 51 @56085 has 11 MA's), (Start: 84 @56130 has
1 MA's), (109, 56190), (111, 56199), (112, 56205), (113, 56208), (125, 56268), (127, 56280), (133,
56298), (146, 56310), (167, 56340), (192, 56376), (195, 56391), (211, 56445), (212, 56451), (225,
56481), (228, 56487), (246, 56517), (254, 56538), (267, 56568), (276, 56601), (282, 56622), (294,
56670), (296, 56691), (298, 56700), (314, 56766), (327, 56796),

Gene: Nangang_65 Start: 57593, Stop: 58369, Start Num: 79
Candidate Starts for Nangang_65:
(Start: 79 @57593 has 4 MA's), (107, 57665), (121, 57731), (170, 57836), (176, 57848), (187, 57866),
(195, 57893), (203, 57932), (232, 57992), (236, 57998), (272, 58091), (273, 58094), (298, 58193),
(345, 58337),

Gene: Nathan_67 Start: 56382, Stop: 57146, Start Num: 80
Candidate Starts for Nathan_67:
(Start: 43 @56292 has 22 MA's), (Start: 62 @56343 has 3 MA's), (65, 56346), (73, 56364), (Start: 80
@56382 has 86 MA's), (Start: 88 @56403 has 3 MA's), (Start: 94 @56415 has 10 MA's), (104, 56442),
(129, 56565), (133, 56577), (172, 56628), (180, 56643), (191, 56664), (192, 56667), (195, 56682),
(211, 56736), (220, 56763), (225, 56769), (295, 56955), (321, 57051), (327, 57069), (330, 57078),

Gene: Nehemiah_64 Start: 57367, Stop: 58125, Start Num: 79
Candidate Starts for Nehemiah_64:
(Start: 79 @57367 has 4 MA's), (104, 57424), (113, 57466), (117, 57484), (148, 57571), (178, 57610),
(192, 57637), (195, 57652), (211, 57706), (212, 57712), (227, 57745), (253, 57799), (263, 57820),
(277, 57865), (296, 57940), (302, 57958), (327, 58045), (335, 58066), (338, 58072),

Gene: Neos5_66 Start: 56566, Stop: 57249, Start Num: 87
Candidate Starts for Neos5_66:
(81, 56551), (Start: 85 @56560 has 2 MA's), (Start: 87 @56566 has 6 MA's), (122, 56692), (135,
56749), (153, 56770), (156, 56773), (186, 56818), (206, 56878), (216, 56905), (217, 56908), (219,
56911), (260, 56974), (266, 56989), (268, 56992), (270, 57004), (293, 57079), (296, 57103), (310,
57160), (317, 57178), (321, 57187), (344, 57241),

Gene: Newman_65 Start: 56342, Stop: 57103, Start Num: 71
Candidate Starts for Newman_65:
(Start: 71 @56342 has 152 MA's), (Start: 98 @56381 has 2 MA's), (113, 56444), (117, 56462), (127,
56516), (134, 56540), (163, 56573), (192, 56618), (194, 56630), (199, 56651), (211, 56687), (214,
56699), (217, 56711), (238, 56747), (251, 56786), (254, 56792), (263, 56813), (267, 56822), (277,
56858), (297, 56942), (310, 56993), (319, 57020), (338, 57065), (341, 57077), (346, 57095),

Gene: Nicole21_68 Start: 56306, Stop: 57067, Start Num: 71
Candidate Starts for Nicole21_68:

(Start: 71 @56306 has 152 MA's), (Start: 98 @56345 has 2 MA's), (113, 56408), (117, 56426), (127, 56480), (134, 56504), (163, 56537), (192, 56582), (194, 56594), (199, 56615), (211, 56651), (214, 56663), (217, 56675), (238, 56711), (251, 56750), (254, 56756), (263, 56777), (267, 56786), (277, 56822), (297, 56906), (310, 56957), (319, 56984), (338, 57029), (341, 57041), (346, 57059),

Gene: Nigel_60 Start: 56189, Stop: 56956, Start Num: 46
Candidate Starts for Nigel_60:
(Start: 46 @56189 has 17 MA's), (Start: 51 @56198 has 11 MA's), (112, 56318), (113, 56321), (125, 56381), (127, 56393), (133, 56411), (148, 56426), (167, 56453), (192, 56489), (195, 56504), (211, 56558), (212, 56564), (225, 56594), (228, 56600), (246, 56630), (250, 56639), (267, 56681), (282, 56735), (292, 56768), (294, 56783), (296, 56804), (297, 56810), (298, 56813), (307, 56849), (310, 56861), (327, 56909),

Gene: Nozo_67 Start: 57249, Stop: 58016, Start Num: 77
Candidate Starts for Nozo_67:
(Start: 77 @57249 has 39 MA's), (Start: 92 @57285 has 1 MA's), (103, 57315), (122, 57399), (127, 57432), (138, 57465), (170, 57501), (174, 57507), (183, 57525), (188, 57531), (212, 57609), (230, 57645), (250, 57672), (257, 57690), (276, 57744), (303, 57837), (321, 57909), (347, 57981), (348, 58011),

Gene: Numberten_66 Start: 56250, Stop: 57011, Start Num: 71
Candidate Starts for Numberten_66:
(Start: 71 @56250 has 152 MA's), (Start: 98 @56289 has 2 MA's), (113, 56352), (117, 56370), (127, 56424), (134, 56448), (163, 56481), (192, 56526), (194, 56538), (199, 56559), (211, 56595), (214, 56607), (217, 56619), (238, 56655), (251, 56694), (254, 56700), (263, 56721), (267, 56730), (277, 56766), (297, 56850), (310, 56901), (319, 56928), (338, 56973), (341, 56985), (346, 57003),

Gene: Nyala_66 Start: 56025, Stop: 56786, Start Num: 71
Candidate Starts for Nyala_66:
(Start: 71 @56025 has 152 MA's), (Start: 98 @56064 has 2 MA's), (113, 56127), (117, 56145), (127, 56199), (134, 56223), (163, 56256), (192, 56301), (194, 56313), (211, 56370), (214, 56382), (217, 56394), (238, 56430), (251, 56469), (254, 56475), (263, 56496), (267, 56505), (277, 56541), (297, 56625), (310, 56676), (319, 56703), (338, 56748), (341, 56760), (346, 56778),

Gene: OSmaximus_67 Start: 56755, Stop: 57543, Start Num: 71
Candidate Starts for OSmaximus_67:
(45, 56695), (48, 56701), (52, 56707), (Start: 71 @56755 has 152 MA's), (115, 56881), (117, 56896), (125, 56938), (175, 57028), (194, 57067), (211, 57124), (254, 57229), (263, 57250), (277, 57295), (327, 57475), (329, 57481), (341, 57514),

Gene: Obutu_68 Start: 56786, Stop: 57469, Start Num: 87
Candidate Starts for Obutu_68:
(81, 56771), (Start: 85 @56780 has 2 MA's), (Start: 87 @56786 has 6 MA's), (122, 56912), (135, 56969), (153, 56990), (156, 56993), (186, 57038), (206, 57098), (216, 57125), (219, 57131), (260, 57194), (266, 57209), (268, 57212), (270, 57224), (293, 57299), (296, 57323), (310, 57380), (317, 57398), (321, 57407), (344, 57461),

Gene: Olak_66 Start: 56031, Stop: 56792, Start Num: 71
Candidate Starts for Olak_66:
(Start: 71 @56031 has 152 MA's), (Start: 98 @56070 has 2 MA's), (113, 56133), (117, 56151), (127, 56205), (134, 56229), (163, 56262), (192, 56307), (194, 56319), (199, 56340), (211, 56376), (214, 56388), (217, 56400), (238, 56436), (251, 56475), (254, 56481), (263, 56502), (267, 56511), (277, 56547), (297, 56631), (310, 56682), (319, 56709), (338, 56754), (341, 56766), (346, 56784),

Gene: Oline_66 Start: 56210, Stop: 56941, Start Num: 94
Candidate Starts for Oline_66:
(Start: 43 @56087 has 22 MA's), (Start: 62 @56138 has 3 MA's), (65, 56141), (73, 56159), (Start: 80 @56177 has 86 MA's), (Start: 88 @56198 has 3 MA's), (Start: 94 @56210 has 10 MA's), (104, 56237), (129, 56360), (133, 56372), (172, 56423), (180, 56438), (191, 56459), (192, 56462), (195, 56477), (211, 56531), (220, 56558), (225, 56564), (295, 56750), (321, 56846), (327, 56864), (330, 56873),

Gene: Olive_66 Start: 56244, Stop: 57005, Start Num: 71
Candidate Starts for Olive_66:
(Start: 71 @56244 has 152 MA's), (Start: 98 @56283 has 2 MA's), (113, 56346), (117, 56364), (127, 56418), (134, 56442), (163, 56475), (192, 56520), (194, 56532), (199, 56553), (211, 56589), (214, 56601), (217, 56613), (238, 56649), (251, 56688), (254, 56694), (263, 56715), (267, 56724), (277, 56760), (297, 56844), (310, 56895), (319, 56922), (338, 56967), (341, 56979), (346, 56997),

Gene: OliverWalter_66 Start: 56350, Stop: 57111, Start Num: 71
Candidate Starts for OliverWalter_66:
(Start: 71 @56350 has 152 MA's), (Start: 98 @56389 has 2 MA's), (113, 56452), (117, 56470), (127, 56524), (134, 56548), (163, 56581), (192, 56626), (194, 56638), (199, 56659), (211, 56695), (214, 56707), (217, 56719), (238, 56755), (251, 56794), (254, 56800), (263, 56821), (267, 56830), (277, 56866), (297, 56950), (310, 57001), (319, 57028), (338, 57073), (341, 57085), (346, 57103),

Gene: Olivio_67 Start: 56741, Stop: 57472, Start Num: 92
Candidate Starts for Olivio_67:
(Start: 77 @56705 has 39 MA's), (Start: 92 @56741 has 1 MA's), (103, 56771), (122, 56855), (127, 56888), (138, 56921), (170, 56957), (174, 56963), (183, 56981), (188, 56987), (212, 57065), (230, 57101), (250, 57128), (257, 57146), (276, 57200), (303, 57293), (321, 57365), (332, 57398), (347, 57437), (348, 57467),

Gene: Omniscient_68 Start: 56888, Stop: 57649, Start Num: 71
Candidate Starts for Omniscient_68:
(Start: 71 @56888 has 152 MA's), (Start: 98 @56927 has 2 MA's), (113, 56990), (117, 57008), (127, 57062), (134, 57086), (163, 57119), (192, 57164), (194, 57176), (199, 57197), (211, 57233), (214, 57245), (217, 57257), (238, 57293), (251, 57332), (254, 57338), (263, 57359), (267, 57368), (277, 57404), (297, 57488), (310, 57539), (319, 57566), (338, 57611), (341, 57623), (346, 57641),

Gene: Oosterbaan_66 Start: 56307, Stop: 57068, Start Num: 71
Candidate Starts for Oosterbaan_66:
(Start: 71 @56307 has 152 MA's), (Start: 98 @56346 has 2 MA's), (113, 56409), (117, 56427), (127, 56481), (134, 56505), (163, 56538), (192, 56583), (194, 56595), (199, 56616), (211, 56652), (214, 56664), (217, 56676), (238, 56712), (251, 56751), (254, 56757), (263, 56778), (267, 56787), (277, 56823), (297, 56907), (310, 56958), (319, 56985), (338, 57030), (341, 57042), (346, 57060),

Gene: Opia_64 Start: 54736, Stop: 55470, Start Num: 75
Candidate Starts for Opia_64:
(1, 54313), (2, 54319), (Start: 4 @54352 has 1 MA's), (8, 54430), (9, 54451), (Start: 70 @54724 has 1 MA's), (Start: 75 @54736 has 7 MA's), (Start: 96 @54769 has 27 MA's), (114, 54841), (117, 54856), (122, 54877), (144, 54940), (183, 54997), (184, 55000), (192, 55009), (194, 55021), (206, 55069), (211, 55078), (225, 55111), (228, 55117), (261, 55186), (273, 55216), (277, 55231), (296, 55306), (301, 55321), (314, 55381), (326, 55408),

Gene: OrangeOswald_67 Start: 56490, Stop: 57257, Start Num: 77
Candidate Starts for OrangeOswald_67:

(Start: 77 @56490 has 39 MA's), (Start: 92 @56526 has 1 MA's), (103, 56556), (122, 56640), (127, 56673), (138, 56706), (170, 56742), (174, 56748), (183, 56766), (188, 56772), (212, 56850), (230, 56886), (250, 56913), (257, 56931), (303, 57078), (321, 57150), (332, 57183), (347, 57222), (348, 57252),

Gene: Orfeu_66 Start: 56564, Stop: 57325, Start Num: 71
Candidate Starts for Orfeu_66:
(Start: 71 @56564 has 152 MA's), (Start: 98 @56603 has 2 MA's), (113, 56666), (117, 56684), (127, 56738), (134, 56762), (163, 56795), (192, 56840), (194, 56852), (211, 56909), (214, 56921), (217, 56933), (238, 56969), (251, 57008), (254, 57014), (263, 57035), (267, 57044), (277, 57080), (297, 57164), (310, 57215), (319, 57242), (338, 57287), (341, 57299), (346, 57317),

Gene: Orion_67 Start: 56008, Stop: 56730, Start Num: 98
Candidate Starts for Orion_67:
(Start: 71 @55969 has 152 MA's), (Start: 98 @56008 has 2 MA's), (113, 56071), (117, 56089), (127, 56143), (134, 56167), (163, 56200), (192, 56245), (194, 56257), (199, 56278), (211, 56314), (214, 56326), (217, 56338), (238, 56374), (251, 56413), (254, 56419), (263, 56440), (267, 56449), (277, 56485), (297, 56569), (310, 56620), (319, 56647), (338, 56692), (341, 56704), (346, 56722),

Gene: Orwigg_66 Start: 55949, Stop: 56710, Start Num: 71
Candidate Starts for Orwigg_66:
(Start: 71 @55949 has 152 MA's), (Start: 98 @55988 has 2 MA's), (113, 56051), (117, 56069), (127, 56123), (134, 56147), (163, 56180), (192, 56225), (194, 56237), (199, 56258), (211, 56294), (214, 56306), (217, 56318), (238, 56354), (251, 56393), (254, 56399), (263, 56420), (267, 56429), (277, 56465), (297, 56549), (310, 56600), (319, 56627), (338, 56672), (341, 56684), (346, 56702),

Gene: PG1_66 Start: 56579, Stop: 57301, Start Num: 98
Candidate Starts for PG1_66:
(Start: 71 @56540 has 152 MA's), (Start: 98 @56579 has 2 MA's), (113, 56642), (117, 56660), (127, 56714), (134, 56738), (163, 56771), (192, 56816), (194, 56828), (199, 56849), (211, 56885), (214, 56897), (217, 56909), (238, 56945), (251, 56984), (254, 56990), (263, 57011), (267, 57020), (277, 57056), (297, 57140), (310, 57191), (319, 57218), (338, 57263), (341, 57275), (346, 57293),

Gene: Pacifista_66 Start: 56026, Stop: 56787, Start Num: 71
Candidate Starts for Pacifista_66:
(Start: 71 @56026 has 152 MA's), (Start: 98 @56065 has 2 MA's), (113, 56128), (117, 56146), (127, 56200), (134, 56224), (163, 56257), (192, 56302), (194, 56314), (211, 56371), (214, 56383), (217, 56395), (238, 56431), (251, 56470), (254, 56476), (263, 56497), (267, 56506), (277, 56542), (297, 56626), (310, 56677), (319, 56704), (338, 56749), (341, 56761), (346, 56779),

Gene: PallasAthena_69 Start: 56033, Stop: 56794, Start Num: 71
Candidate Starts for PallasAthena_69:
(Start: 71 @56033 has 152 MA's), (Start: 98 @56072 has 2 MA's), (113, 56135), (117, 56153), (127, 56207), (134, 56231), (163, 56264), (192, 56309), (194, 56321), (199, 56342), (211, 56378), (214, 56390), (217, 56402), (238, 56438), (251, 56477), (254, 56483), (263, 56504), (267, 56513), (277, 56549), (297, 56633), (310, 56684), (319, 56711), (338, 56756), (341, 56768), (346, 56786),

Gene: PenguinLover67_62 Start: 57060, Stop: 57812, Start Num: 51
Candidate Starts for PenguinLover67_62:
(Start: 51 @57060 has 11 MA's), (103, 57141), (109, 57168), (125, 57246), (184, 57342), (192, 57351), (195, 57366), (212, 57426), (225, 57456), (249, 57498), (253, 57510), (256, 57516), (297, 57660), (310, 57711), (318, 57738), (327, 57759),

Gene: Phaedrus_62 Start: 55915, Stop: 56682, Start Num: 77
Candidate Starts for Phaedrus_62:
(Start: 77 @55915 has 39 MA's), (Start: 92 @55951 has 1 MA's), (103, 55981), (122, 56065), (127, 56098), (138, 56131), (170, 56167), (174, 56173), (183, 56191), (188, 56197), (212, 56275), (230, 56311), (250, 56338), (257, 56356), (321, 56575), (347, 56647), (348, 56677),

Gene: Phamished_68 Start: 56138, Stop: 56992, Start Num: 43
Candidate Starts for Phamished_68:
(37, 56102), (Start: 43 @56138 has 22 MA's), (Start: 62 @56189 has 3 MA's), (65, 56192), (73, 56210), (Start: 80 @56228 has 86 MA's), (Start: 88 @56249 has 3 MA's), (Start: 94 @56261 has 10 MA's), (104, 56288), (129, 56411), (133, 56423), (172, 56474), (180, 56489), (191, 56510), (192, 56513), (195, 56528), (211, 56582), (220, 56609), (225, 56615), (295, 56801), (321, 56897), (327, 56915), (330, 56924),

Gene: Phantasmagoria_62 Start: 54761, Stop: 55462, Start Num: 96
Candidate Starts for Phantasmagoria_62:
(Start: 11 @54503 has 1 MA's), (Start: 70 @54716 has 1 MA's), (Start: 75 @54728 has 7 MA's), (Start: 96 @54761 has 27 MA's), (114, 54833), (117, 54848), (122, 54869), (144, 54932), (183, 54989), (184, 54992), (192, 55001), (194, 55013), (206, 55061), (211, 55070), (225, 55103), (228, 55109), (261, 55178), (273, 55208), (277, 55223), (296, 55298), (301, 55313), (314, 55373), (326, 55400),

Gene: Phareon_65 Start: 55736, Stop: 56500, Start Num: 80
Candidate Starts for Phareon_65:
(Start: 43 @55646 has 22 MA's), (Start: 62 @55697 has 3 MA's), (65, 55700), (73, 55718), (Start: 80 @55736 has 86 MA's), (Start: 88 @55757 has 3 MA's), (Start: 94 @55769 has 10 MA's), (104, 55796), (129, 55919), (133, 55931), (172, 55982), (180, 55997), (191, 56018), (192, 56021), (195, 56036), (211, 56090), (220, 56117), (225, 56123), (295, 56309), (321, 56405), (327, 56423), (330, 56432),

Gene: PhatCats2014_67 Start: 56545, Stop: 57306, Start Num: 71
Candidate Starts for PhatCats2014_67:
(Start: 71 @56545 has 152 MA's), (Start: 98 @56584 has 2 MA's), (113, 56647), (117, 56665), (127, 56719), (134, 56743), (163, 56776), (192, 56821), (194, 56833), (199, 56854), (211, 56890), (214, 56902), (217, 56914), (238, 56950), (251, 56989), (254, 56995), (263, 57016), (267, 57025), (277, 57061), (297, 57145), (310, 57196), (319, 57223), (338, 57268), (341, 57280), (346, 57298),

Gene: PhatLouie_69 Start: 56564, Stop: 57325, Start Num: 71
Candidate Starts for PhatLouie_69:
(Start: 71 @56564 has 152 MA's), (Start: 98 @56603 has 2 MA's), (113, 56666), (117, 56684), (127, 56738), (134, 56762), (163, 56795), (192, 56840), (194, 56852), (199, 56873), (211, 56909), (214, 56921), (217, 56933), (238, 56969), (251, 57008), (254, 57014), (263, 57035), (267, 57044), (277, 57080), (297, 57164), (310, 57215), (319, 57242), (338, 57287), (341, 57299), (346, 57317),

Gene: Phayeta_69 Start: 56690, Stop: 57373, Start Num: 87
Candidate Starts for Phayeta_69:
(81, 56675), (Start: 85 @56684 has 2 MA's), (Start: 87 @56690 has 6 MA's), (122, 56816), (135, 56873), (153, 56894), (156, 56897), (186, 56942), (206, 57002), (216, 57029), (219, 57035), (260, 57098), (266, 57113), (268, 57116), (270, 57128), (293, 57203), (296, 57227), (310, 57284), (317, 57302), (321, 57311), (344, 57365),

Gene: Phelemich_63 Start: 57307, Stop: 58119, Start Num: 56
Candidate Starts for Phelemich_63:
(17, 57175), (28, 57199), (32, 57208), (33, 57214), (49, 57292), (Start: 56 @57307 has 3 MA's), (Start: 79 @57361 has 4 MA's), (Start: 98 @57397 has 2 MA's), (104, 57418), (113, 57460), (117, 57478),

(148, 57565), (178, 57604), (192, 57631), (195, 57646), (203, 57685), (253, 57793), (254, 57796), (263, 57814), (277, 57859), (296, 57934), (302, 57952), (305, 57970), (327, 58039), (335, 58060), (338, 58066),

Gene: PhenghisKhan_67 Start: 56217, Stop: 56948, Start Num: 94
Candidate Starts for PhenghisKhan_67:
(Start: 43 @56094 has 22 MA's), (Start: 62 @56145 has 3 MA's), (65, 56148), (73, 56166), (Start: 80 @56184 has 86 MA's), (Start: 88 @56205 has 3 MA's), (Start: 94 @56217 has 10 MA's), (104, 56244), (129, 56367), (133, 56379), (155, 56406), (172, 56430), (180, 56445), (191, 56466), (192, 56469), (195, 56484), (211, 56538), (220, 56565), (225, 56571), (295, 56757), (321, 56853), (327, 56871), (330, 56880),

Gene: Pherdinand_67 Start: 56297, Stop: 57061, Start Num: 80
Candidate Starts for Pherdinand_67:
(Start: 43 @56207 has 22 MA's), (Start: 62 @56258 has 3 MA's), (65, 56261), (73, 56279), (Start: 80 @56297 has 86 MA's), (Start: 88 @56318 has 3 MA's), (Start: 94 @56330 has 10 MA's), (104, 56357), (129, 56480), (133, 56492), (172, 56543), (180, 56558), (191, 56579), (192, 56582), (195, 56597), (211, 56651), (220, 56678), (225, 56684), (295, 56870), (321, 56966), (327, 56984), (330, 56993),

Gene: Phergie_67 Start: 56176, Stop: 56940, Start Num: 80
Candidate Starts for Phergie_67:
(Start: 43 @56086 has 22 MA's), (Start: 62 @56137 has 3 MA's), (65, 56140), (73, 56158), (Start: 80 @56176 has 86 MA's), (Start: 88 @56197 has 3 MA's), (Start: 94 @56209 has 10 MA's), (104, 56236), (129, 56359), (133, 56371), (155, 56398), (172, 56422), (180, 56437), (191, 56458), (192, 56461), (195, 56476), (211, 56530), (220, 56557), (225, 56563), (295, 56749), (321, 56845), (327, 56863), (330, 56872),

Gene: Philly_66 Start: 56302, Stop: 57069, Start Num: 77
Candidate Starts for Philly_66:
(Start: 77 @56302 has 39 MA's), (Start: 92 @56338 has 1 MA's), (103, 56368), (122, 56452), (127, 56485), (138, 56518), (170, 56554), (174, 56560), (183, 56578), (188, 56584), (212, 56662), (230, 56698), (250, 56725), (257, 56743), (321, 56962), (347, 57034), (348, 57064),

Gene: Phipps_66 Start: 56095, Stop: 56859, Start Num: 80
Candidate Starts for Phipps_66:
(Start: 43 @56005 has 22 MA's), (Start: 62 @56056 has 3 MA's), (65, 56059), (73, 56077), (Start: 80 @56095 has 86 MA's), (Start: 88 @56116 has 3 MA's), (Start: 94 @56128 has 10 MA's), (104, 56155), (129, 56278), (133, 56290), (172, 56341), (180, 56356), (191, 56377), (192, 56380), (195, 56395), (211, 56449), (220, 56476), (225, 56482), (295, 56668), (321, 56764), (327, 56782), (330, 56791),

Gene: Phleuron_65 Start: 55982, Stop: 56746, Start Num: 80
Candidate Starts for Phleuron_65:
(Start: 43 @55892 has 22 MA's), (Start: 62 @55943 has 3 MA's), (65, 55946), (73, 55964), (Start: 80 @55982 has 86 MA's), (Start: 88 @56003 has 3 MA's), (Start: 94 @56015 has 10 MA's), (104, 56042), (129, 56165), (133, 56177), (172, 56228), (180, 56243), (191, 56264), (192, 56267), (195, 56282), (211, 56336), (220, 56363), (225, 56369), (295, 56555), (321, 56651), (327, 56669), (330, 56678),

Gene: Phlyer_67 Start: 57198, Stop: 57965, Start Num: 77
Candidate Starts for Phlyer_67:
(Start: 77 @57198 has 39 MA's), (Start: 92 @57234 has 1 MA's), (103, 57264), (122, 57348), (127, 57381), (138, 57414), (170, 57450), (174, 57456), (183, 57474), (188, 57480), (212, 57558), (230, 57594), (250, 57621), (257, 57639), (276, 57693), (321, 57858), (347, 57930), (348, 57960),

Gene: PhrankReynolds_66 Start: 56181, Stop: 56945, Start Num: 80
Candidate Starts for PhrankReynolds_66:
(Start: 43 @56091 has 22 MA's), (Start: 62 @56142 has 3 MA's), (65, 56145), (73, 56163), (Start: 80 @56181 has 86 MA's), (Start: 88 @56202 has 3 MA's), (Start: 94 @56214 has 10 MA's), (104, 56241), (129, 56364), (133, 56376), (155, 56403), (172, 56427), (180, 56442), (191, 56463), (192, 56466), (195, 56481), (211, 56535), (220, 56562), (225, 56568), (295, 56754), (321, 56850), (327, 56868), (330, 56877),

Gene: PhrodoBaggins_68 Start: 56401, Stop: 57165, Start Num: 80
Candidate Starts for PhrodoBaggins_68:
(Start: 43 @56311 has 22 MA's), (Start: 62 @56362 has 3 MA's), (65, 56365), (73, 56383), (Start: 80 @56401 has 86 MA's), (Start: 88 @56422 has 3 MA's), (Start: 94 @56434 has 10 MA's), (104, 56461), (129, 56584), (133, 56596), (172, 56647), (180, 56662), (191, 56683), (192, 56686), (195, 56701), (211, 56755), (220, 56782), (225, 56788), (295, 56974), (321, 57070), (327, 57088), (330, 57097),

Gene: Phunky_65 Start: 56048, Stop: 56809, Start Num: 71
Candidate Starts for Phunky_65:
(Start: 71 @56048 has 152 MA's), (Start: 98 @56087 has 2 MA's), (113, 56150), (117, 56168), (127, 56222), (134, 56246), (163, 56279), (192, 56324), (194, 56336), (211, 56393), (214, 56405), (217, 56417), (238, 56453), (251, 56492), (254, 56498), (263, 56519), (267, 56528), (277, 56564), (297, 56648), (310, 56699), (319, 56726), (338, 56771), (341, 56783), (346, 56801),

Gene: Piglet_0067 Start: 56517, Stop: 57278, Start Num: 71
Candidate Starts for Piglet_0067:
(Start: 71 @56517 has 152 MA's), (Start: 98 @56556 has 2 MA's), (113, 56619), (117, 56637), (127, 56691), (134, 56715), (163, 56748), (192, 56793), (194, 56805), (199, 56826), (211, 56862), (214, 56874), (217, 56886), (238, 56922), (251, 56961), (254, 56967), (263, 56988), (267, 56997), (277, 57033), (297, 57117), (310, 57168), (319, 57195), (338, 57240), (341, 57252), (346, 57270),

Gene: PinheadLarry_66 Start: 56343, Stop: 57107, Start Num: 80
Candidate Starts for PinheadLarry_66:
(Start: 43 @56253 has 22 MA's), (Start: 62 @56304 has 3 MA's), (65, 56307), (73, 56325), (Start: 80 @56343 has 86 MA's), (Start: 88 @56364 has 3 MA's), (Start: 94 @56376 has 10 MA's), (104, 56403), (129, 56526), (133, 56538), (172, 56589), (180, 56604), (191, 56625), (192, 56628), (195, 56643), (211, 56697), (220, 56724), (225, 56730), (295, 56916), (321, 57012), (327, 57030), (330, 57039),

Gene: Pinkman_66 Start: 56029, Stop: 56883, Start Num: 43
Candidate Starts for Pinkman_66:
(Start: 43 @56029 has 22 MA's), (Start: 62 @56080 has 3 MA's), (65, 56083), (73, 56101), (Start: 80 @56119 has 86 MA's), (Start: 88 @56140 has 3 MA's), (Start: 94 @56152 has 10 MA's), (104, 56179), (129, 56302), (133, 56314), (172, 56365), (180, 56380), (191, 56401), (192, 56404), (195, 56419), (211, 56473), (220, 56500), (225, 56506), (295, 56692), (321, 56788), (327, 56806), (330, 56815),

Gene: Pipefish_69 Start: 57341, Stop: 58021, Start Num: 95
Candidate Starts for Pipefish_69:
(90, 57329), (Start: 95 @57341 has 2 MA's), (Start: 98 @57347 has 2 MA's), (127, 57482), (142, 57515), (156, 57530), (159, 57533), (162, 57539), (194, 57587), (195, 57590), (200, 57611), (203, 57629), (206, 57635), (211, 57644), (268, 57752), (270, 57764), (277, 57788), (280, 57797), (293, 57839), (310, 57920), (317, 57938), (333, 57977),

Gene: Pipsqueak_64 Start: 55932, Stop: 56786, Start Num: 43
Candidate Starts for Pipsqueak_64:

(Start: 43 @55932 has 22 MA's), (Start: 62 @55983 has 3 MA's), (65, 55986), (73, 56004), (Start: 80 @56022 has 86 MA's), (Start: 88 @56043 has 3 MA's), (Start: 94 @56055 has 10 MA's), (104, 56082), (129, 56205), (133, 56217), (172, 56268), (180, 56283), (191, 56304), (192, 56307), (195, 56322), (211, 56376), (220, 56403), (225, 56409), (295, 56595), (321, 56691), (327, 56709), (330, 56718),

Gene: Placalicious_67 Start: 56973, Stop: 57827, Start Num: 43
Candidate Starts for Placalicious_67:
(Start: 43 @56973 has 22 MA's), (Start: 62 @57024 has 3 MA's), (65, 57027), (73, 57045), (Start: 80 @57063 has 86 MA's), (Start: 88 @57084 has 3 MA's), (Start: 94 @57096 has 10 MA's), (104, 57123), (129, 57246), (133, 57258), (172, 57309), (180, 57324), (191, 57345), (192, 57348), (195, 57363), (211, 57417), (220, 57444), (225, 57450), (295, 57636), (321, 57732), (327, 57750), (330, 57759),

Gene: Plata_67 Start: 56284, Stop: 57045, Start Num: 71
Candidate Starts for Plata_67:
(Start: 71 @56284 has 152 MA's), (Start: 98 @56323 has 2 MA's), (113, 56386), (117, 56404), (127, 56458), (134, 56482), (163, 56515), (192, 56560), (194, 56572), (199, 56593), (211, 56629), (214, 56641), (217, 56653), (238, 56689), (251, 56728), (254, 56734), (263, 56755), (267, 56764), (277, 56800), (297, 56884), (310, 56935), (319, 56962), (338, 57007), (341, 57019),

Gene: Plmatters_65 Start: 56034, Stop: 56798, Start Num: 80
Candidate Starts for Plmatters_65:
(Start: 43 @55944 has 22 MA's), (Start: 62 @55995 has 3 MA's), (65, 55998), (73, 56016), (Start: 80 @56034 has 86 MA's), (Start: 88 @56055 has 3 MA's), (Start: 94 @56067 has 10 MA's), (104, 56094), (129, 56217), (133, 56229), (172, 56280), (180, 56295), (191, 56316), (192, 56319), (195, 56334), (211, 56388), (220, 56415), (225, 56421), (295, 56607), (321, 56703), (327, 56721), (330, 56730),

Gene: Podrick_66 Start: 56013, Stop: 56867, Start Num: 43
Candidate Starts for Podrick_66:
(Start: 43 @56013 has 22 MA's), (Start: 62 @56064 has 3 MA's), (65, 56067), (73, 56085), (Start: 80 @56103 has 86 MA's), (Start: 88 @56124 has 3 MA's), (Start: 94 @56136 has 10 MA's), (104, 56163), (129, 56286), (133, 56298), (172, 56349), (180, 56364), (191, 56385), (192, 56388), (195, 56403), (211, 56457), (220, 56484), (225, 56490), (295, 56676), (321, 56772), (327, 56790), (330, 56799),

Gene: Pops_65 Start: 56047, Stop: 56808, Start Num: 71
Candidate Starts for Pops_65:
(Start: 58 @56020 has 4 MA's), (Start: 71 @56047 has 152 MA's), (Start: 98 @56086 has 2 MA's), (113, 56149), (117, 56167), (127, 56221), (134, 56245), (163, 56278), (192, 56323), (194, 56335), (199, 56356), (211, 56392), (214, 56404), (217, 56416), (238, 56452), (251, 56491), (254, 56497), (263, 56518), (267, 56527), (277, 56563), (297, 56647), (310, 56698), (319, 56725), (338, 56770), (341, 56782), (346, 56800),

Gene: Poster_59 Start: 56077, Stop: 56847, Start Num: 46
Candidate Starts for Poster_59:
(22, 55987), (Start: 46 @56077 has 17 MA's), (Start: 51 @56086 has 11 MA's), (Start: 84 @56131 has 1 MA's), (109, 56191), (111, 56200), (112, 56206), (113, 56209), (125, 56269), (127, 56281), (133, 56299), (146, 56311), (167, 56341), (192, 56377), (195, 56392), (211, 56446), (212, 56452), (225, 56482), (228, 56488), (246, 56518), (254, 56539), (267, 56569), (276, 56602), (282, 56623), (294, 56671), (296, 56692), (298, 56701), (314, 56767), (327, 56797),

Gene: Potter_64 Start: 56028, Stop: 56792, Start Num: 80
Candidate Starts for Potter_64:
(Start: 43 @55938 has 22 MA's), (Start: 62 @55989 has 3 MA's), (65, 55992), (73, 56010), (Start: 80 @56028 has 86 MA's), (Start: 88 @56049 has 3 MA's), (Start: 94 @56061 has 10 MA's), (104, 56088),

(129, 56211), (133, 56223), (172, 56274), (180, 56289), (191, 56310), (192, 56313), (195, 56328),
(211, 56382), (220, 56409), (225, 56415), (295, 56601), (321, 56697), (327, 56715), (330, 56724),

Gene: Prickles_68 Start: 56439, Stop: 57293, Start Num: 43
Candidate Starts for Prickles_68:
(Start: 43 @56439 has 22 MA's), (Start: 62 @56490 has 3 MA's), (65, 56493), (73, 56511), (Start: 80
@56529 has 86 MA's), (Start: 88 @56550 has 3 MA's), (Start: 94 @56562 has 10 MA's), (104, 56589),
(129, 56712), (133, 56724), (172, 56775), (180, 56790), (191, 56811), (192, 56814), (195, 56829),
(211, 56883), (220, 56910), (225, 56916), (295, 57102), (321, 57198), (327, 57216), (330, 57225),

Gene: Prince_60 Start: 57290, Stop: 58069, Start Num: 46
Candidate Starts for Prince_60:
(15, 57173), (Start: 42 @57263 has 3 MA's), (Start: 46 @57290 has 17 MA's), (Start: 51 @57299 has
11 MA's), (Start: 84 @57353 has 1 MA's), (109, 57413), (111, 57422), (112, 57428), (113, 57431),
(117, 57449), (125, 57491), (127, 57503), (133, 57521), (146, 57533), (167, 57563), (192, 57599),
(195, 57614), (211, 57668), (212, 57674), (225, 57704), (228, 57710), (246, 57740), (250, 57749),
(254, 57761), (267, 57791), (282, 57845), (294, 57893), (296, 57914), (298, 57923), (314, 57989),
(327, 58019),

Gene: PrinceCharming_64 Start: 54804, Stop: 55505, Start Num: 96
Candidate Starts for PrinceCharming_64:
(1, 54345), (2, 54351), (3, 54354), (Start: 4 @54384 has 1 MA's), (8, 54465), (9, 54486), (Start: 70
@54759 has 1 MA's), (Start: 75 @54771 has 7 MA's), (Start: 96 @54804 has 27 MA's), (114, 54876),
(117, 54891), (122, 54912), (144, 54975), (183, 55032), (184, 55035), (192, 55044), (194, 55056),
(206, 55104), (211, 55113), (228, 55152), (261, 55221), (273, 55251), (277, 55266), (296, 55341),
(301, 55356), (314, 55416), (326, 55443),

Gene: ProfessorX_65 Start: 56041, Stop: 56802, Start Num: 71
Candidate Starts for ProfessorX_65:
(Start: 71 @56041 has 152 MA's), (Start: 98 @56080 has 2 MA's), (113, 56143), (117, 56161), (127,
56215), (134, 56239), (163, 56272), (192, 56317), (194, 56329), (199, 56350), (211, 56386), (214,
56398), (217, 56410), (238, 56446), (251, 56485), (254, 56491), (263, 56512), (267, 56521), (277,
56557), (297, 56641), (310, 56692), (319, 56719), (338, 56764), (341, 56776), (346, 56794),

Gene: Puhltonio_65 Start: 56303, Stop: 57067, Start Num: 80
Candidate Starts for Puhltonio_65:
(Start: 43 @56213 has 22 MA's), (Start: 62 @56264 has 3 MA's), (65, 56267), (73, 56285), (Start: 80
@56303 has 86 MA's), (Start: 88 @56324 has 3 MA's), (Start: 94 @56336 has 10 MA's), (104, 56363),
(129, 56486), (133, 56498), (172, 56549), (180, 56564), (191, 56585), (192, 56588), (195, 56603),
(211, 56657), (220, 56684), (225, 56690), (295, 56876), (321, 56972), (327, 56990), (330, 56999),

Gene: QueenBeane_67 Start: 56344, Stop: 57105, Start Num: 71
Candidate Starts for QueenBeane_67:
(Start: 71 @56344 has 152 MA's), (Start: 98 @56383 has 2 MA's), (113, 56446), (117, 56464), (127,
56518), (134, 56542), (163, 56575), (192, 56620), (194, 56632), (199, 56653), (211, 56689), (214,
56701), (217, 56713), (238, 56749), (251, 56788), (254, 56794), (263, 56815), (267, 56824), (277,
56860), (297, 56944), (310, 56995), (319, 57022), (338, 57067), (341, 57079), (346, 57097),

Gene: QueenPie_58 Start: 56832, Stop: 57602, Start Num: 46
Candidate Starts for QueenPie_58:
(22, 56742), (Start: 46 @56832 has 17 MA's), (Start: 51 @56841 has 11 MA's), (Start: 84 @56886 has
1 MA's), (104, 56922), (111, 56955), (112, 56961), (113, 56964), (117, 56982), (124, 57021), (125,
57024), (127, 57036), (133, 57054), (146, 57066), (167, 57096), (192, 57132), (195, 57147), (211,

57201), (212, 57207), (225, 57237), (228, 57243), (246, 57273), (254, 57294), (267, 57324), (276, 57357), (282, 57378), (294, 57426), (296, 57447), (306, 57489), (314, 57522), (327, 57552),

Gene: Quesadilla_65 Start: 57448, Stop: 58206, Start Num: 51
Candidate Starts for Quesadilla_65:
(Start: 51 @57448 has 11 MA's), (109, 57559), (125, 57637), (126, 57646), (167, 57709), (192, 57745), (195, 57760), (205, 57802), (206, 57805), (211, 57814), (212, 57820), (225, 57850), (228, 57856), (246, 57886), (249, 57892), (253, 57904), (282, 57991), (295, 58045), (301, 58063), (310, 58105), (314, 58123), (318, 58132),

Gene: Quisquiliae_68 Start: 56305, Stop: 57066, Start Num: 71
Candidate Starts for Quisquiliae_68:
(Start: 71 @56305 has 152 MA's), (Start: 98 @56344 has 2 MA's), (113, 56407), (117, 56425), (127, 56479), (134, 56503), (163, 56536), (192, 56581), (194, 56593), (199, 56614), (211, 56650), (214, 56662), (217, 56674), (238, 56710), (251, 56749), (254, 56755), (263, 56776), (267, 56785), (277, 56821), (297, 56905), (310, 56956), (319, 56983), (338, 57028), (341, 57040), (346, 57058),

Gene: Qyrzula_57 Start: 54463, Stop: 55581, Start Num: 4
Candidate Starts for Qyrzula_57:
(1, 54424), (2, 54430), (3, 54433), (Start: 4 @54463 has 1 MA's), (8, 54541), (9, 54562), (Start: 70 @54835 has 1 MA's), (Start: 75 @54847 has 7 MA's), (Start: 96 @54880 has 27 MA's), (114, 54952), (117, 54967), (122, 54988), (144, 55051), (183, 55108), (184, 55111), (192, 55120), (194, 55132), (206, 55180), (211, 55189), (225, 55222), (228, 55228), (261, 55297), (273, 55327), (277, 55342), (296, 55417), (301, 55432), (314, 55492), (326, 55519),

Gene: RagingRooster_66 Start: 56130, Stop: 56897, Start Num: 77
Candidate Starts for RagingRooster_66:
(Start: 77 @56130 has 39 MA's), (Start: 92 @56166 has 1 MA's), (103, 56196), (122, 56280), (127, 56313), (138, 56346), (170, 56382), (174, 56388), (183, 56406), (188, 56412), (212, 56490), (230, 56526), (250, 56553), (257, 56571), (276, 56625), (296, 56697), (303, 56718), (321, 56790), (332, 56823), (348, 56892),

Gene: RawrgerThat_61 Start: 57132, Stop: 57911, Start Num: 46
Candidate Starts for RawrgerThat_61:
(15, 57015), (Start: 42 @57105 has 3 MA's), (Start: 46 @57132 has 17 MA's), (Start: 51 @57141 has 11 MA's), (Start: 84 @57195 has 1 MA's), (109, 57255), (111, 57264), (112, 57270), (113, 57273), (124, 57330), (125, 57333), (127, 57345), (133, 57363), (146, 57375), (167, 57405), (192, 57441), (211, 57510), (212, 57516), (225, 57546), (228, 57552), (246, 57582), (250, 57591), (254, 57603), (267, 57633), (282, 57687), (294, 57735), (296, 57756), (298, 57765), (314, 57831), (327, 57861),

Gene: Reccee_66 Start: 57655, Stop: 58365, Start Num: 89
Candidate Starts for Reccee_66:
(Start: 76 @57628 has 3 MA's), (Start: 89 @57655 has 1 MA's), (101, 57679), (125, 57793), (152, 57850), (195, 57922), (203, 57961), (208, 57970), (226, 58015), (275, 58117), (279, 58129), (315, 58273), (343, 58342),

Gene: RedMaple_68 Start: 56783, Stop: 57544, Start Num: 71
Candidate Starts for RedMaple_68:
(Start: 58 @56756 has 4 MA's), (Start: 71 @56783 has 152 MA's), (Start: 98 @56822 has 2 MA's), (113, 56885), (117, 56903), (127, 56957), (134, 56981), (163, 57014), (192, 57059), (194, 57071), (199, 57092), (211, 57128), (214, 57140), (217, 57152), (251, 57227), (254, 57233), (263, 57254), (267, 57263), (277, 57299), (297, 57383), (310, 57434), (319, 57461), (338, 57506), (341, 57518), (346, 57536),

Gene: RedRaider89_69 Start: 56459, Stop: 57223, Start Num: 80
Candidate Starts for RedRaider89_69:
(Start: 43 @56369 has 22 MA's), (Start: 62 @56420 has 3 MA's), (65, 56423), (73, 56441), (Start: 80 @56459 has 86 MA's), (Start: 88 @56480 has 3 MA's), (Start: 94 @56492 has 10 MA's), (104, 56519), (129, 56642), (133, 56654), (172, 56705), (180, 56720), (191, 56741), (192, 56744), (195, 56759), (211, 56813), (220, 56840), (225, 56846), (295, 57032), (321, 57128), (327, 57146), (330, 57155),

Gene: Renkei_59 Start: 56090, Stop: 56860, Start Num: 46
Candidate Starts for Renkei_59:
(22, 56000), (Start: 46 @56090 has 17 MA's), (Start: 51 @56099 has 11 MA's), (Start: 84 @56144 has 1 MA's), (109, 56204), (111, 56213), (112, 56219), (113, 56222), (125, 56282), (127, 56294), (133, 56312), (146, 56324), (167, 56354), (192, 56390), (195, 56405), (211, 56459), (212, 56465), (225, 56495), (228, 56501), (246, 56531), (254, 56552), (267, 56582), (276, 56615), (282, 56636), (294, 56684), (296, 56705), (298, 56714), (314, 56780), (327, 56810),

Gene: Reprobate_64 Start: 57312, Stop: 58124, Start Num: 56
Candidate Starts for Reprobate_64:
(17, 57180), (28, 57204), (32, 57213), (33, 57219), (49, 57297), (Start: 56 @57312 has 3 MA's), (Start: 79 @57366 has 4 MA's), (Start: 98 @57402 has 2 MA's), (104, 57423), (113, 57465), (117, 57483), (148, 57570), (178, 57609), (192, 57636), (195, 57651), (203, 57690), (253, 57798), (254, 57801), (263, 57819), (277, 57864), (296, 57939), (302, 57957), (305, 57975), (327, 58044), (335, 58065), (338, 58071),

Gene: Rhinoforte_63 Start: 54769, Stop: 55503, Start Num: 75
Candidate Starts for Rhinoforte_63:
(1, 54346), (2, 54352), (3, 54355), (Start: 4 @54385 has 1 MA's), (8, 54463), (9, 54484), (Start: 70 @54757 has 1 MA's), (Start: 75 @54769 has 7 MA's), (Start: 96 @54802 has 27 MA's), (114, 54874), (117, 54889), (122, 54910), (144, 54973), (183, 55030), (184, 55033), (192, 55042), (194, 55054), (206, 55102), (211, 55111), (228, 55150), (261, 55219), (273, 55249), (277, 55264), (296, 55339), (301, 55354), (314, 55414), (326, 55441),

Gene: Rich_65 Start: 58542, Stop: 59315, Start Num: 79
Candidate Starts for Rich_65:
(Start: 79 @58542 has 4 MA's), (148, 58752), (170, 58782), (172, 58785), (195, 58839), (209, 58890), (212, 58899), (232, 58938), (236, 58944), (256, 58992), (273, 59040), (296, 59130), (298, 59139), (317, 59211), (345, 59283),

Gene: Ricotta_67 Start: 56038, Stop: 56799, Start Num: 71
Candidate Starts for Ricotta_67:
(Start: 71 @56038 has 152 MA's), (Start: 98 @56077 has 2 MA's), (113, 56140), (117, 56158), (127, 56212), (134, 56236), (163, 56269), (192, 56314), (194, 56326), (199, 56347), (211, 56383), (214, 56395), (217, 56407), (238, 56443), (251, 56482), (254, 56488), (263, 56509), (267, 56518), (277, 56554), (297, 56638), (310, 56689), (319, 56716), (338, 56761), (341, 56773), (346, 56791),

Gene: Riggan_68 Start: 56337, Stop: 57098, Start Num: 71
Candidate Starts for Riggan_68:
(Start: 71 @56337 has 152 MA's), (Start: 98 @56376 has 2 MA's), (113, 56439), (117, 56457), (127, 56511), (134, 56535), (163, 56568), (192, 56613), (194, 56625), (199, 56646), (211, 56682), (214, 56694), (217, 56706), (238, 56742), (251, 56781), (254, 56787), (263, 56808), (267, 56817), (277, 56853), (297, 56937), (310, 56988), (319, 57015), (338, 57060), (341, 57072), (346, 57090),

Gene: Rimu_67 Start: 56505, Stop: 57266, Start Num: 71

Candidate Starts for Rimu_67:
(Start: 71 @56505 has 152 MA's), (Start: 98 @56544 has 2 MA's), (113, 56607), (117, 56625), (127, 56679), (134, 56703), (163, 56736), (192, 56781), (194, 56793), (199, 56814), (211, 56850), (214, 56862), (217, 56874), (238, 56910), (251, 56949), (254, 56955), (263, 56976), (267, 56985), (277, 57021), (297, 57105), (310, 57156), (319, 57183), (338, 57228), (341, 57240), (346, 57258),

Gene: Rinkes_62 Start: 56905, Stop: 57795, Start Num: 23
Candidate Starts for Rinkes_62:
(Start: 23 @56905 has 1 MA's), (29, 56917), (Start: 62 @57037 has 3 MA's), (99, 57112), (113, 57172), (130, 57256), (174, 57316), (188, 57340), (195, 57355), (201, 57382), (204, 57394), (210, 57406), (211, 57409), (212, 57415), (219, 57436), (228, 57451), (234, 57460), (249, 57478), (253, 57490), (279, 57562), (296, 57625), (297, 57631), (304, 57658), (308, 57673), (322, 57724), (343, 57772),

Gene: Rita130_65 Start: 57468, Stop: 58178, Start Num: 89
Candidate Starts for Rita130_65:
(Start: 76 @57441 has 3 MA's), (Start: 89 @57468 has 1 MA's), (101, 57492), (125, 57606), (152, 57663), (195, 57735), (203, 57774), (208, 57783), (226, 57828), (275, 57930), (279, 57942), (315, 58086), (343, 58155),

Gene: Rita1961_68 Start: 56848, Stop: 57615, Start Num: 77
Candidate Starts for Rita1961_68:
(Start: 77 @56848 has 39 MA's), (Start: 92 @56884 has 1 MA's), (103, 56914), (122, 56998), (127, 57031), (138, 57064), (170, 57100), (174, 57106), (183, 57124), (188, 57130), (212, 57208), (230, 57244), (250, 57271), (257, 57289), (276, 57343), (303, 57436), (321, 57508), (332, 57541), (347, 57580), (348, 57610),

Gene: Riverton_66 Start: 56267, Stop: 57028, Start Num: 71
Candidate Starts for Riverton_66:
(Start: 71 @56267 has 152 MA's), (Start: 98 @56306 has 2 MA's), (113, 56369), (117, 56387), (127, 56441), (134, 56465), (163, 56498), (192, 56543), (194, 56555), (199, 56576), (211, 56612), (214, 56624), (217, 56636), (238, 56672), (251, 56711), (254, 56717), (263, 56738), (267, 56747), (277, 56783), (297, 56867), (310, 56918), (319, 56945), (338, 56990), (341, 57002), (346, 57020),

Gene: Robyn_67 Start: 56610, Stop: 57371, Start Num: 71
Candidate Starts for Robyn_67:
(Start: 71 @56610 has 152 MA's), (Start: 98 @56649 has 2 MA's), (113, 56712), (117, 56730), (127, 56784), (134, 56808), (163, 56841), (192, 56886), (194, 56898), (211, 56955), (214, 56967), (217, 56979), (251, 57054), (253, 57057), (254, 57060), (263, 57081), (267, 57090), (277, 57126), (297, 57210), (310, 57261), (319, 57288), (338, 57333), (341, 57345), (346, 57363),

Gene: Roliet_64 Start: 55369, Stop: 56133, Start Num: 80
Candidate Starts for Roliet_64:
(37, 55243), (Start: 62 @55330 has 3 MA's), (65, 55333), (73, 55351), (Start: 80 @55369 has 86 MA's), (Start: 88 @55390 has 3 MA's), (Start: 94 @55402 has 10 MA's), (104, 55429), (129, 55552), (133, 55564), (172, 55615), (180, 55630), (191, 55651), (192, 55654), (195, 55669), (211, 55723), (220, 55750), (225, 55756), (295, 55942), (321, 56038), (327, 56056), (330, 56065),

Gene: RomaT_67 Start: 57049, Stop: 57816, Start Num: 77
Candidate Starts for RomaT_67:
(Start: 77 @57049 has 39 MA's), (Start: 92 @57085 has 1 MA's), (103, 57115), (122, 57199), (127, 57232), (138, 57265), (170, 57301), (174, 57307), (183, 57325), (188, 57331), (212, 57409), (230, 57445), (250, 57472), (257, 57490), (276, 57544), (303, 57637), (321, 57709), (347, 57781), (348, 57811),

Gene: Roscoe_67 Start: 56484, Stop: 57245, Start Num: 71
Candidate Starts for Roscoe_67:
(Start: 71 @56484 has 152 MA's), (Start: 98 @56523 has 2 MA's), (113, 56586), (117, 56604), (127, 56658), (134, 56682), (163, 56715), (192, 56760), (194, 56772), (199, 56793), (211, 56829), (214, 56841), (217, 56853), (238, 56889), (251, 56928), (254, 56934), (263, 56955), (267, 56964), (277, 57000), (297, 57084), (310, 57135), (319, 57162), (338, 57207), (341, 57219), (346, 57237),

Gene: Rosebush_62 Start: 54865, Stop: 55566, Start Num: 96
Candidate Starts for Rosebush_62:
(1, 54409), (2, 54415), (3, 54418), (Start: 4 @54448 has 1 MA's), (8, 54526), (9, 54547), (Start: 70 @54820 has 1 MA's), (Start: 75 @54832 has 7 MA's), (Start: 96 @54865 has 27 MA's), (114, 54937), (117, 54952), (122, 54973), (144, 55036), (183, 55093), (184, 55096), (192, 55105), (194, 55117), (206, 55165), (211, 55174), (225, 55207), (228, 55213), (261, 55282), (273, 55312), (277, 55327), (296, 55402), (301, 55417), (314, 55477), (326, 55504),

Gene: Roy17_65 Start: 55737, Stop: 56498, Start Num: 71
Candidate Starts for Roy17_65:
(Start: 71 @55737 has 152 MA's), (Start: 98 @55776 has 2 MA's), (113, 55839), (117, 55857), (127, 55911), (134, 55935), (163, 55968), (192, 56013), (194, 56025), (199, 56046), (211, 56082), (214, 56094), (217, 56106), (238, 56142), (251, 56181), (254, 56187), (263, 56208), (267, 56217), (277, 56253), (297, 56337), (310, 56388), (319, 56415), (338, 56460), (341, 56472), (346, 56490),

Gene: SDcharge11_66 Start: 55451, Stop: 56305, Start Num: 43
Candidate Starts for SDcharge11_66:
(Start: 43 @55451 has 22 MA's), (Start: 62 @55502 has 3 MA's), (65, 55505), (73, 55523), (Start: 80 @55541 has 86 MA's), (Start: 88 @55562 has 3 MA's), (Start: 94 @55574 has 10 MA's), (104, 55601), (123, 55697), (129, 55724), (133, 55736), (172, 55787), (180, 55802), (191, 55823), (192, 55826), (195, 55841), (211, 55895), (220, 55922), (225, 55928), (295, 56114), (321, 56210), (327, 56228), (330, 56237),

Gene: Sabella_63 Start: 54701, Stop: 55402, Start Num: 96
Candidate Starts for Sabella_63:
(1, 54245), (2, 54251), (Start: 4 @54284 has 1 MA's), (8, 54362), (9, 54383), (19, 54500), (25, 54512), (Start: 70 @54656 has 1 MA's), (Start: 75 @54668 has 7 MA's), (Start: 96 @54701 has 27 MA's), (114, 54773), (117, 54788), (122, 54809), (144, 54872), (183, 54929), (184, 54932), (192, 54941), (194, 54953), (206, 55001), (211, 55010), (228, 55049), (261, 55118), (273, 55148), (277, 55163), (296, 55238), (301, 55253), (314, 55313), (326, 55340),

Gene: Saguaro_63 Start: 56656, Stop: 57513, Start Num: 38
Candidate Starts for Saguaro_63:
(14, 56566), (35, 56644), (Start: 38 @56656 has 1 MA's), (Start: 58 @56725 has 4 MA's), (Start: 76 @56770 has 3 MA's), (Start: 98 @56818 has 2 MA's), (Start: 100 @56824 has 1 MA's), (105, 56845), (108, 56863), (126, 56953), (193, 57067), (195, 57070), (211, 57124), (228, 57166), (234, 57175), (282, 57289), (286, 57298), (311, 57409), (312, 57415), (325, 57448),

Gene: SallyH_69 Start: 56280, Stop: 57044, Start Num: 80
Candidate Starts for SallyH_69:
(Start: 43 @56190 has 22 MA's), (Start: 62 @56241 has 3 MA's), (65, 56244), (73, 56262), (Start: 80 @56280 has 86 MA's), (Start: 88 @56301 has 3 MA's), (Start: 94 @56313 has 10 MA's), (104, 56340), (129, 56463), (133, 56475), (172, 56526), (180, 56541), (191, 56562), (192, 56565), (195, 56580), (211, 56634), (220, 56661), (225, 56667), (295, 56853), (321, 56949), (327, 56967), (330, 56976),

Gene: Samaymay_67 Start: 56344, Stop: 57105, Start Num: 71
Candidate Starts for Samaymay_67:
(Start: 71 @56344 has 152 MA's), (Start: 98 @56383 has 2 MA's), (113, 56446), (117, 56464), (127, 56518), (134, 56542), (163, 56575), (192, 56620), (194, 56632), (199, 56653), (211, 56689), (214, 56701), (217, 56713), (238, 56749), (251, 56788), (254, 56794), (263, 56815), (267, 56824), (277, 56860), (297, 56944), (310, 56995), (319, 57022), (338, 57067), (341, 57079), (346, 57097),

Gene: SassyCat97_65 Start: 56051, Stop: 56782, Start Num: 94
Candidate Starts for SassyCat97_65:
(Start: 43 @55928 has 22 MA's), (Start: 62 @55979 has 3 MA's), (65, 55982), (73, 56000), (Start: 80 @56018 has 86 MA's), (Start: 88 @56039 has 3 MA's), (Start: 94 @56051 has 10 MA's), (104, 56078), (129, 56201), (133, 56213), (172, 56264), (180, 56279), (191, 56300), (192, 56303), (195, 56318), (211, 56372), (220, 56399), (225, 56405), (295, 56591), (321, 56687), (327, 56705), (330, 56714),

Gene: Schadenfreude_67 Start: 55912, Stop: 56673, Start Num: 71
Candidate Starts for Schadenfreude_67:
(Start: 71 @55912 has 152 MA's), (Start: 98 @55951 has 2 MA's), (113, 56014), (117, 56032), (127, 56086), (134, 56110), (163, 56143), (192, 56188), (194, 56200), (211, 56257), (214, 56269), (217, 56281), (238, 56317), (251, 56356), (254, 56362), (263, 56383), (267, 56392), (277, 56428), (297, 56512), (310, 56563), (319, 56590), (338, 56635), (341, 56647), (346, 56665),

Gene: Schueller_66 Start: 56269, Stop: 57030, Start Num: 71
Candidate Starts for Schueller_66:
(Start: 71 @56269 has 152 MA's), (Start: 98 @56308 has 2 MA's), (113, 56371), (117, 56389), (127, 56443), (134, 56467), (163, 56500), (192, 56545), (194, 56557), (199, 56578), (211, 56614), (214, 56626), (217, 56638), (238, 56674), (251, 56713), (254, 56719), (263, 56740), (267, 56749), (277, 56785), (297, 56869), (310, 56920), (319, 56947), (338, 56992), (341, 57004), (346, 57022),

Gene: Scoot17C_67 Start: 55971, Stop: 56732, Start Num: 71
Candidate Starts for Scoot17C_67:
(Start: 71 @55971 has 152 MA's), (Start: 98 @56010 has 2 MA's), (113, 56073), (117, 56091), (127, 56145), (134, 56169), (163, 56202), (192, 56247), (194, 56259), (199, 56280), (211, 56316), (214, 56328), (217, 56340), (238, 56376), (251, 56415), (254, 56421), (263, 56442), (267, 56451), (277, 56487), (297, 56571), (310, 56622), (319, 56649), (338, 56694), (341, 56706), (346, 56724),

Gene: Scrick_66 Start: 56030, Stop: 56794, Start Num: 80
Candidate Starts for Scrick_66:
(Start: 43 @55940 has 22 MA's), (Start: 62 @55991 has 3 MA's), (65, 55994), (73, 56012), (Start: 80 @56030 has 86 MA's), (Start: 88 @56051 has 3 MA's), (Start: 94 @56063 has 10 MA's), (104, 56090), (129, 56213), (133, 56225), (172, 56276), (180, 56291), (191, 56312), (192, 56315), (195, 56330), (211, 56384), (220, 56411), (225, 56417), (295, 56603), (321, 56699), (327, 56717), (330, 56726),

Gene: Selr12_68 Start: 56053, Stop: 56814, Start Num: 71
Candidate Starts for Selr12_68:
(Start: 71 @56053 has 152 MA's), (Start: 98 @56092 has 2 MA's), (113, 56155), (117, 56173), (127, 56227), (134, 56251), (163, 56284), (192, 56329), (194, 56341), (211, 56398), (214, 56410), (217, 56422), (238, 56458), (251, 56497), (254, 56503), (263, 56524), (267, 56533), (277, 56569), (297, 56653), (310, 56704), (319, 56731), (338, 56776), (341, 56788), (346, 56806),

Gene: Serendipitous_64 Start: 56928, Stop: 57710, Start Num: 79
Candidate Starts for Serendipitous_64:
(Start: 68 @56907 has 1 MA's), (Start: 79 @56928 has 4 MA's), (107, 57000), (119, 57057), (122, 57069), (148, 57147), (170, 57177), (195, 57234), (209, 57285), (232, 57333), (241, 57348), (273,

57435), (298, 57534), (317, 57606), (330, 57639), (345, 57678),

Gene: Serendipity_66 Start: 56326, Stop: 57087, Start Num: 71
Candidate Starts for Serendipity_66:
(Start: 71 @56326 has 152 MA's), (Start: 98 @56365 has 2 MA's), (113, 56428), (117, 56446), (127, 56500), (134, 56524), (163, 56557), (192, 56602), (194, 56614), (199, 56635), (211, 56671), (214, 56683), (217, 56695), (238, 56731), (251, 56770), (254, 56776), (263, 56797), (267, 56806), (277, 56842), (297, 56926), (310, 56977), (319, 57004), (338, 57049), (341, 57061), (346, 57079),

Gene: Serpentine_0067 Start: 56409, Stop: 57170, Start Num: 71
Candidate Starts for Serpentine_0067:
(Start: 71 @56409 has 152 MA's), (Start: 98 @56448 has 2 MA's), (113, 56511), (117, 56529), (127, 56583), (134, 56607), (163, 56640), (192, 56685), (194, 56697), (199, 56718), (211, 56754), (214, 56766), (217, 56778), (238, 56814), (251, 56853), (254, 56859), (263, 56880), (267, 56889), (277, 56925), (297, 57009), (310, 57060), (319, 57087), (338, 57132), (341, 57144), (346, 57162),

Gene: ShadowBud_68 Start: 56302, Stop: 57063, Start Num: 71
Candidate Starts for ShadowBud_68:
(Start: 71 @56302 has 152 MA's), (Start: 98 @56341 has 2 MA's), (113, 56404), (117, 56422), (127, 56476), (134, 56500), (163, 56533), (192, 56578), (194, 56590), (199, 56611), (211, 56647), (214, 56659), (217, 56671), (238, 56707), (251, 56746), (254, 56752), (263, 56773), (267, 56782), (277, 56818), (297, 56902), (310, 56953), (319, 56980), (338, 57025), (341, 57037), (346, 57055),

Gene: Shatter_61 Start: 49797, Stop: 50528, Start Num: 97
Candidate Starts for Shatter_61:
(Start: 97 @49797 has 10 MA's), (106, 49827), (113, 49860), (114, 49863), (126, 49929), (127, 49932), (131, 49944), (134, 49953), (158, 49974), (180, 50004), (181, 50007), (189, 50019), (192, 50031), (195, 50046), (206, 50091), (224, 50142), (239, 50169), (251, 50211), (259, 50229), (280, 50295), (296, 50382), (302, 50400), (314, 50457), (334, 50505),

Gene: Sheila_63 Start: 55400, Stop: 56164, Start Num: 80
Candidate Starts for Sheila_63:
(Start: 43 @55310 has 22 MA's), (Start: 62 @55361 has 3 MA's), (65, 55364), (73, 55382), (Start: 80 @55400 has 86 MA's), (Start: 88 @55421 has 3 MA's), (Start: 94 @55433 has 10 MA's), (104, 55460), (123, 55556), (129, 55583), (133, 55595), (172, 55646), (180, 55661), (191, 55682), (192, 55685), (195, 55700), (211, 55754), (220, 55781), (225, 55787), (295, 55973), (321, 56069), (327, 56087), (330, 56096),

Gene: Shenandoah_66 Start: 56143, Stop: 56874, Start Num: 92
Candidate Starts for Shenandoah_66:
(Start: 77 @56107 has 39 MA's), (Start: 92 @56143 has 1 MA's), (103, 56173), (122, 56257), (127, 56290), (138, 56323), (170, 56359), (174, 56365), (183, 56383), (188, 56389), (212, 56467), (230, 56503), (250, 56530), (257, 56548), (303, 56695), (321, 56767), (347, 56839), (348, 56869),

Gene: Shenyu_65 Start: 57643, Stop: 58395, Start Num: 51
Candidate Starts for Shenyu_65:
(Start: 51 @57643 has 11 MA's), (113, 57766), (116, 57781), (120, 57796), (164, 57892), (181, 57919), (192, 57934), (195, 57949), (211, 58003), (225, 58039), (249, 58081), (253, 58093), (277, 58159), (294, 58213), (297, 58240), (310, 58291), (314, 58309),

Gene: ShiVal_65 Start: 56052, Stop: 56813, Start Num: 71
Candidate Starts for ShiVal_65:

(Start: 71 @56052 has 152 MA's), (Start: 98 @56091 has 2 MA's), (113, 56154), (117, 56172), (127, 56226), (134, 56250), (163, 56283), (192, 56328), (194, 56340), (211, 56397), (214, 56409), (217, 56421), (238, 56457), (251, 56496), (254, 56502), (263, 56523), (267, 56532), (277, 56568), (297, 56652), (310, 56703), (319, 56730), (338, 56775), (341, 56787), (346, 56805),

Gene: Sigman_67 Start: 56008, Stop: 56769, Start Num: 71
Candidate Starts for Sigman_67:
(Start: 71 @56008 has 152 MA's), (Start: 98 @56047 has 2 MA's), (113, 56110), (117, 56128), (127, 56182), (134, 56206), (163, 56239), (192, 56284), (194, 56296), (211, 56353), (214, 56365), (217, 56377), (238, 56413), (251, 56452), (254, 56458), (263, 56479), (267, 56488), (277, 56524), (297, 56608), (310, 56659), (319, 56686), (338, 56731), (341, 56743), (346, 56761),

Gene: SilverBell_68 Start: 56289, Stop: 57050, Start Num: 71
Candidate Starts for SilverBell_68:
(Start: 71 @56289 has 152 MA's), (Start: 98 @56328 has 2 MA's), (113, 56391), (117, 56409), (127, 56463), (134, 56487), (163, 56520), (192, 56565), (194, 56577), (199, 56598), (211, 56634), (214, 56646), (217, 56658), (238, 56694), (251, 56733), (254, 56739), (263, 56760), (267, 56769), (277, 56805), (297, 56889), (310, 56940), (319, 56967), (338, 57012), (341, 57024), (346, 57042),

Gene: Simielle_67 Start: 56009, Stop: 56770, Start Num: 71
Candidate Starts for Simielle_67:
(Start: 71 @56009 has 152 MA's), (Start: 98 @56048 has 2 MA's), (113, 56111), (117, 56129), (127, 56183), (134, 56207), (163, 56240), (192, 56285), (194, 56297), (199, 56318), (211, 56354), (214, 56366), (217, 56378), (238, 56414), (251, 56453), (254, 56459), (263, 56480), (267, 56489), (277, 56525), (297, 56609), (310, 56660), (319, 56687), (338, 56732), (341, 56744), (346, 56762),

Gene: SirBeauregard_68 Start: 56575, Stop: 57336, Start Num: 71
Candidate Starts for SirBeauregard_68:
(Start: 71 @56575 has 152 MA's), (Start: 98 @56614 has 2 MA's), (113, 56677), (117, 56695), (127, 56749), (134, 56773), (163, 56806), (192, 56851), (194, 56863), (199, 56884), (211, 56920), (214, 56932), (217, 56944), (238, 56980), (251, 57019), (254, 57025), (263, 57046), (267, 57055), (277, 57091), (297, 57175), (310, 57226), (319, 57253), (338, 57298), (341, 57310), (346, 57328),

Gene: SirJeffery_65 Start: 57604, Stop: 58314, Start Num: 89
Candidate Starts for SirJeffery_65:
(Start: 76 @57577 has 3 MA's), (Start: 89 @57604 has 1 MA's), (101, 57628), (125, 57742), (152, 57799), (195, 57871), (203, 57910), (208, 57919), (226, 57964), (276, 58069), (279, 58078), (315, 58222), (343, 58291),

Gene: Sisko_59 Start: 49963, Stop: 50733, Start Num: 97
Candidate Starts for Sisko_59:
(Start: 76 @49927 has 3 MA's), (Start: 97 @49963 has 10 MA's), (140, 50137), (157, 50158), (182, 50200), (192, 50221), (211, 50290), (212, 50296), (214, 50302), (232, 50344), (239, 50359), (251, 50395), (258, 50410), (276, 50467), (277, 50470), (300, 50587), (309, 50626),

Gene: Skippy_68 Start: 56262, Stop: 57023, Start Num: 71
Candidate Starts for Skippy_68:
(Start: 71 @56262 has 152 MA's), (Start: 98 @56301 has 2 MA's), (113, 56364), (117, 56382), (127, 56436), (134, 56460), (163, 56493), (192, 56538), (194, 56550), (199, 56571), (211, 56607), (214, 56619), (217, 56631), (238, 56667), (251, 56706), (254, 56712), (263, 56733), (267, 56742), (277, 56778), (297, 56862), (310, 56913), (319, 56940), (338, 56985), (341, 56997), (346, 57015),

Gene: Slatt_67 Start: 56314, Stop: 57078, Start Num: 80

Candidate Starts for Slatt_67:
(Start: 43 @56224 has 22 MA's), (Start: 62 @56275 has 3 MA's), (65, 56278), (73, 56296), (Start: 80 @56314 has 86 MA's), (Start: 88 @56335 has 3 MA's), (Start: 94 @56347 has 10 MA's), (104, 56374), (129, 56497), (133, 56509), (172, 56560), (180, 56575), (191, 56596), (192, 56599), (195, 56614), (211, 56668), (220, 56695), (225, 56701), (295, 56887), (321, 56983), (327, 57001), (330, 57010),

Gene: SlippinJimmy_69 Start: 57587, Stop: 58270, Start Num: 87
Candidate Starts for SlippinJimmy_69:
(81, 57572), (Start: 85 @57581 has 2 MA's), (Start: 87 @57587 has 6 MA's), (122, 57713), (135, 57770), (153, 57791), (156, 57794), (186, 57839), (206, 57899), (216, 57926), (219, 57932), (260, 57995), (266, 58010), (268, 58013), (270, 58025), (293, 58100), (296, 58124), (310, 58181), (317, 58199), (321, 58208), (344, 58262),

Gene: Soile_68 Start: 56558, Stop: 57319, Start Num: 71
Candidate Starts for Soile_68:
(Start: 71 @56558 has 152 MA's), (Start: 98 @56597 has 2 MA's), (113, 56660), (117, 56678), (127, 56732), (134, 56756), (163, 56789), (192, 56834), (194, 56846), (199, 56867), (211, 56903), (214, 56915), (217, 56927), (238, 56963), (251, 57002), (254, 57008), (263, 57029), (267, 57038), (277, 57074), (297, 57158), (310, 57209), (319, 57236), (338, 57281), (341, 57293), (346, 57311),

Gene: Solosis_65 Start: 56013, Stop: 56777, Start Num: 80
Candidate Starts for Solosis_65:
(Start: 43 @55923 has 22 MA's), (Start: 62 @55974 has 3 MA's), (65, 55977), (73, 55995), (Start: 80 @56013 has 86 MA's), (Start: 88 @56034 has 3 MA's), (Start: 94 @56046 has 10 MA's), (104, 56073), (129, 56196), (133, 56208), (172, 56259), (180, 56274), (191, 56295), (192, 56298), (195, 56313), (211, 56367), (220, 56394), (225, 56400), (295, 56586), (321, 56682), (327, 56700), (330, 56709),

Gene: Sophia_65 Start: 56006, Stop: 56770, Start Num: 80
Candidate Starts for Sophia_65:
(Start: 43 @55916 has 22 MA's), (Start: 62 @55967 has 3 MA's), (65, 55970), (73, 55988), (Start: 80 @56006 has 86 MA's), (Start: 88 @56027 has 3 MA's), (Start: 94 @56039 has 10 MA's), (104, 56066), (129, 56189), (133, 56201), (172, 56252), (180, 56267), (191, 56288), (192, 56291), (195, 56306), (211, 56360), (220, 56387), (225, 56393), (295, 56579), (321, 56675), (327, 56693), (330, 56702),

Gene: Soto_64 Start: 55483, Stop: 56337, Start Num: 43
Candidate Starts for Soto_64:
(Start: 43 @55483 has 22 MA's), (Start: 62 @55534 has 3 MA's), (65, 55537), (73, 55555), (Start: 80 @55573 has 86 MA's), (Start: 88 @55594 has 3 MA's), (Start: 94 @55606 has 10 MA's), (104, 55633), (123, 55729), (129, 55756), (133, 55768), (172, 55819), (180, 55834), (191, 55855), (192, 55858), (195, 55873), (211, 55927), (220, 55954), (225, 55960), (295, 56146), (321, 56242), (327, 56260), (330, 56269),

Gene: Sour_61 Start: 52218, Stop: 52940, Start Num: 100
Candidate Starts for Sour_61:
(Start: 100 @52218 has 1 MA's), (106, 52242), (126, 52344), (162, 52395), (194, 52452), (195, 52455), (239, 52569), (274, 52665), (275, 52668), (300, 52800), (305, 52821), (310, 52842), (312, 52854), (314, 52860), (318, 52869), (337, 52914),

Gene: Spartan300_66 Start: 56249, Stop: 57010, Start Num: 71
Candidate Starts for Spartan300_66:
(Start: 71 @56249 has 152 MA's), (Start: 98 @56288 has 2 MA's), (113, 56351), (117, 56369), (127, 56423), (134, 56447), (163, 56480), (192, 56525), (194, 56537), (211, 56594), (214, 56606), (217, 56618), (238, 56654), (251, 56693), (254, 56699), (263, 56720), (267, 56729), (277, 56765), (297,

56849), (310, 56900), (319, 56927), (338, 56972), (341, 56984), (346, 57002),

Gene: Squid_66 Start: 56216, Stop: 57070, Start Num: 43
Candidate Starts for Squid_66:
(Start: 43 @56216 has 22 MA's), (Start: 62 @56267 has 3 MA's), (65, 56270), (73, 56288), (Start: 80 @56306 has 86 MA's), (Start: 88 @56327 has 3 MA's), (Start: 94 @56339 has 10 MA's), (104, 56366), (129, 56489), (133, 56501), (172, 56552), (180, 56567), (191, 56588), (192, 56591), (195, 56606), (211, 56660), (220, 56687), (225, 56693), (295, 56879), (321, 56975), (327, 56993), (330, 57002),

Gene: Squiggle_66 Start: 56025, Stop: 56789, Start Num: 80
Candidate Starts for Squiggle_66:
(37, 55899), (Start: 43 @55935 has 22 MA's), (Start: 62 @55986 has 3 MA's), (65, 55989), (73, 56007), (Start: 80 @56025 has 86 MA's), (Start: 88 @56046 has 3 MA's), (Start: 94 @56058 has 10 MA's), (104, 56085), (129, 56208), (133, 56220), (172, 56271), (180, 56286), (191, 56307), (192, 56310), (195, 56325), (211, 56379), (220, 56406), (225, 56412), (295, 56598), (321, 56694), (327, 56712), (330, 56721),

Gene: Stinger_61 Start: 56074, Stop: 56859, Start Num: 46
Candidate Starts for Stinger_61:
(12, 55918), (36, 56023), (39, 56035), (Start: 46 @56074 has 17 MA's), (Start: 51 @56083 has 11 MA's), (72, 56128), (Start: 84 @56140 has 1 MA's), (113, 56218), (127, 56290), (136, 56317), (148, 56323), (161, 56341), (192, 56386), (203, 56440), (211, 56455), (212, 56461), (217, 56479), (225, 56491), (236, 56506), (246, 56536), (253, 56554), (294, 56677), (296, 56698), (307, 56743), (310, 56755), (314, 56773), (316, 56776), (327, 56803),

Gene: StinkyVeggy_65 Start: 57415, Stop: 58170, Start Num: 64
Candidate Starts for StinkyVeggy_65:
(64, 57415), (113, 57529), (114, 57532), (120, 57559), (125, 57589), (195, 57724), (211, 57778), (242, 57838), (245, 57844), (249, 57856), (257, 57877), (265, 57886), (291, 57973), (296, 58003), (301, 58018), (314, 58078), (327, 58108), (339, 58138), (343, 58150),

Gene: Struggle_67 Start: 56123, Stop: 56884, Start Num: 71
Candidate Starts for Struggle_67:
(Start: 71 @56123 has 152 MA's), (Start: 98 @56162 has 2 MA's), (113, 56225), (117, 56243), (127, 56297), (134, 56321), (163, 56354), (192, 56399), (194, 56411), (199, 56432), (211, 56468), (214, 56480), (217, 56492), (251, 56567), (254, 56573), (263, 56594), (267, 56603), (277, 56639), (297, 56723), (310, 56774), (319, 56801), (338, 56846), (341, 56858),

Gene: Suffolk_65 Start: 55795, Stop: 56583, Start Num: 58
Candidate Starts for Suffolk_65:
(Start: 58 @55795 has 4 MA's), (Start: 71 @55822 has 152 MA's), (Start: 98 @55861 has 2 MA's), (113, 55924), (117, 55942), (127, 55996), (134, 56020), (163, 56053), (192, 56098), (194, 56110), (199, 56131), (211, 56167), (214, 56179), (217, 56191), (238, 56227), (251, 56266), (254, 56272), (263, 56293), (267, 56302), (277, 56338), (297, 56422), (310, 56473), (319, 56500), (338, 56545), (341, 56557), (346, 56575),

Gene: Suigeneris_67 Start: 57719, Stop: 58456, Start Num: 76
Candidate Starts for Suigeneris_67:
(Start: 76 @57719 has 3 MA's), (Start: 89 @57746 has 1 MA's), (101, 57770), (125, 57884), (152, 57941), (195, 58013), (203, 58052), (208, 58061), (226, 58106), (276, 58211), (279, 58220), (315, 58364), (343, 58433),

Gene: Surely_67 Start: 56596, Stop: 57360, Start Num: 80

Candidate Starts for Surely_67:
(Start: 43 @56506 has 22 MA's), (Start: 62 @56557 has 3 MA's), (65, 56560), (73, 56578), (Start: 80 @56596 has 86 MA's), (Start: 88 @56617 has 3 MA's), (Start: 94 @56629 has 10 MA's), (104, 56656), (129, 56779), (133, 56791), (172, 56842), (180, 56857), (191, 56878), (192, 56881), (195, 56896), (211, 56950), (220, 56977), (225, 56983), (295, 57169), (321, 57265), (327, 57283), (330, 57292),

Gene: SwainyDoc_68 Start: 56871, Stop: 57638, Start Num: 77
Candidate Starts for SwainyDoc_68:
(Start: 77 @56871 has 39 MA's), (Start: 92 @56907 has 1 MA's), (103, 56937), (122, 57021), (127, 57054), (138, 57087), (170, 57123), (174, 57129), (183, 57147), (188, 57153), (212, 57231), (230, 57267), (250, 57294), (257, 57312), (303, 57459), (321, 57531), (347, 57603), (348, 57633),

Gene: Swiphy_69 Start: 56564, Stop: 57325, Start Num: 71
Candidate Starts for Swiphy_69:
(Start: 71 @56564 has 152 MA's), (Start: 98 @56603 has 2 MA's), (113, 56666), (117, 56684), (127, 56738), (134, 56762), (163, 56795), (192, 56840), (194, 56852), (199, 56873), (211, 56909), (214, 56921), (217, 56933), (238, 56969), (251, 57008), (254, 57014), (263, 57035), (267, 57044), (277, 57080), (297, 57164), (310, 57215), (319, 57242), (338, 57287), (341, 57299), (346, 57317),

Gene: Swish_67 Start: 56315, Stop: 57046, Start Num: 94
Candidate Starts for Swish_67:
(Start: 43 @56192 has 22 MA's), (Start: 62 @56243 has 3 MA's), (65, 56246), (73, 56264), (Start: 80 @56282 has 86 MA's), (Start: 88 @56303 has 3 MA's), (Start: 94 @56315 has 10 MA's), (104, 56342), (129, 56465), (133, 56477), (172, 56528), (180, 56543), (191, 56564), (192, 56567), (195, 56582), (211, 56636), (220, 56663), (225, 56669), (295, 56855), (321, 56951), (327, 56969), (330, 56978),

Gene: SynergyX_67 Start: 56487, Stop: 57254, Start Num: 77
Candidate Starts for SynergyX_67:
(Start: 77 @56487 has 39 MA's), (Start: 92 @56523 has 1 MA's), (103, 56553), (122, 56637), (127, 56670), (138, 56703), (170, 56739), (174, 56745), (183, 56763), (188, 56769), (212, 56847), (230, 56883), (250, 56910), (257, 56928), (321, 57147), (347, 57219), (348, 57249),

Gene: TA17A_65 Start: 54674, Stop: 55408, Start Num: 75
Candidate Starts for TA17A_65:
(Start: 11 @54449 has 1 MA's), (20, 54506), (25, 54518), (Start: 70 @54662 has 1 MA's), (Start: 75 @54674 has 7 MA's), (Start: 96 @54707 has 27 MA's), (114, 54779), (117, 54794), (122, 54815), (144, 54878), (183, 54935), (184, 54938), (192, 54947), (194, 54959), (206, 55007), (211, 55016), (225, 55049), (228, 55055), (261, 55124), (273, 55154), (277, 55169), (296, 55244), (301, 55259), (314, 55319), (326, 55346),

Gene: TallGrassMM_65 Start: 55922, Stop: 56686, Start Num: 80
Candidate Starts for TallGrassMM_65:
(Start: 43 @55832 has 22 MA's), (Start: 62 @55883 has 3 MA's), (65, 55886), (73, 55904), (Start: 80 @55922 has 86 MA's), (Start: 88 @55943 has 3 MA's), (Start: 94 @55955 has 10 MA's), (104, 55982), (129, 56105), (133, 56117), (172, 56168), (180, 56183), (191, 56204), (192, 56207), (195, 56222), (211, 56276), (220, 56303), (225, 56309), (295, 56495), (321, 56591), (327, 56609), (330, 56618),

Gene: Telesworld_65 Start: 56138, Stop: 56899, Start Num: 71
Candidate Starts for Telesworld_65:
(Start: 71 @56138 has 152 MA's), (Start: 98 @56177 has 2 MA's), (113, 56240), (117, 56258), (127, 56312), (134, 56336), (163, 56369), (192, 56414), (194, 56426), (211, 56483), (214, 56495), (217, 56507), (238, 56543), (251, 56582), (254, 56588), (263, 56609), (267, 56618), (277, 56654), (297, 56738), (310, 56789), (319, 56816), (338, 56861), (341, 56873), (346, 56891),

Gene: Thonko_66 Start: 55386, Stop: 56132, Start Num: 59
Candidate Starts for Thonko_66:
(55, 55374), (Start: 59 @55386 has 1 MA's), (78, 55422), (102, 55470), (109, 55500), (110, 55503),
(113, 55518), (116, 55533), (173, 55641), (177, 55650), (192, 55674), (211, 55743), (212, 55749),
(225, 55779), (269, 55869), (279, 55908), (304, 56010), (330, 56088),

Gene: Thora_65 Start: 56362, Stop: 57126, Start Num: 80
Candidate Starts for Thora_65:
(Start: 43 @56272 has 22 MA's), (Start: 62 @56323 has 3 MA's), (65, 56326), (73, 56344), (Start: 80
@56362 has 86 MA's), (Start: 88 @56383 has 3 MA's), (Start: 94 @56395 has 10 MA's), (104, 56422),
(129, 56545), (133, 56557), (172, 56608), (180, 56623), (191, 56644), (192, 56647), (195, 56662),
(211, 56716), (220, 56743), (225, 56749), (295, 56935), (321, 57031), (327, 57049), (330, 57058),

Gene: ThreeOh3D2_68 Start: 56536, Stop: 57297, Start Num: 71
Candidate Starts for ThreeOh3D2_68:
(Start: 71 @56536 has 152 MA's), (Start: 98 @56575 has 2 MA's), (113, 56638), (117, 56656), (127,
56710), (134, 56734), (163, 56767), (192, 56812), (194, 56824), (199, 56845), (211, 56881), (214,
56893), (217, 56905), (238, 56941), (251, 56980), (254, 56986), (263, 57007), (267, 57016), (277,
57052), (297, 57136), (310, 57187), (319, 57214), (338, 57259), (341, 57271), (346, 57289),

Gene: Thunderbird_67 Start: 56276, Stop: 57037, Start Num: 71
Candidate Starts for Thunderbird_67:
(Start: 71 @56276 has 152 MA's), (Start: 98 @56315 has 2 MA's), (113, 56378), (117, 56396), (127,
56450), (134, 56474), (163, 56507), (192, 56552), (194, 56564), (199, 56585), (211, 56621), (214,
56633), (217, 56645), (251, 56720), (254, 56726), (263, 56747), (267, 56756), (277, 56792), (297,
56876), (310, 56927), (319, 56954), (338, 56999), (341, 57011),

Gene: Timmi_66 Start: 56020, Stop: 56781, Start Num: 71
Candidate Starts for Timmi_66:
(Start: 71 @56020 has 152 MA's), (Start: 98 @56059 has 2 MA's), (113, 56122), (117, 56140), (127,
56194), (134, 56218), (163, 56251), (192, 56296), (194, 56308), (199, 56329), (211, 56365), (214,
56377), (217, 56389), (238, 56425), (251, 56464), (254, 56470), (263, 56491), (267, 56500), (277,
56536), (297, 56620), (310, 56671), (319, 56698), (338, 56743), (341, 56755), (346, 56773),

Gene: Tinciduntsolum_64 Start: 54868, Stop: 55569, Start Num: 96
Candidate Starts for Tinciduntsolum_64:
(1, 54412), (2, 54418), (3, 54421), (Start: 4 @54451 has 1 MA's), (8, 54529), (9, 54550), (Start: 70
@54823 has 1 MA's), (Start: 75 @54835 has 7 MA's), (Start: 96 @54868 has 27 MA's), (114, 54940),
(117, 54955), (122, 54976), (144, 55039), (183, 55096), (184, 55099), (192, 55108), (194, 55120),
(206, 55168), (211, 55177), (225, 55210), (228, 55216), (261, 55285), (273, 55315), (277, 55330),
(296, 55405), (301, 55420), (314, 55480), (326, 55507),

Gene: TinyTerror_68 Start: 56909, Stop: 57676, Start Num: 77
Candidate Starts for TinyTerror_68:
(Start: 77 @56909 has 39 MA's), (Start: 92 @56945 has 1 MA's), (103, 56975), (122, 57059), (127,
57092), (138, 57125), (170, 57161), (174, 57167), (183, 57185), (188, 57191), (212, 57269), (230,
57305), (250, 57332), (257, 57350), (321, 57569), (332, 57602), (347, 57641), (348, 57671),

Gene: TomBombadil_67 Start: 56580, Stop: 57344, Start Num: 80
Candidate Starts for TomBombadil_67:
(Start: 43 @56490 has 22 MA's), (Start: 62 @56541 has 3 MA's), (65, 56544), (73, 56562), (Start: 80
@56580 has 86 MA's), (Start: 88 @56601 has 3 MA's), (Start: 94 @56613 has 10 MA's), (104, 56640),

(129, 56763), (133, 56775), (172, 56826), (180, 56841), (191, 56862), (192, 56865), (195, 56880), (211, 56934), (220, 56961), (225, 56967), (295, 57153), (321, 57249), (327, 57267), (330, 57276),

Gene: Tomlarah_68 Start: 56873, Stop: 57634, Start Num: 71
Candidate Starts for Tomlarah_68:
(Start: 71 @56873 has 152 MA's), (Start: 98 @56912 has 2 MA's), (113, 56975), (117, 56993), (127, 57047), (134, 57071), (163, 57104), (192, 57149), (194, 57161), (199, 57182), (211, 57218), (214, 57230), (217, 57242), (238, 57278), (251, 57317), (254, 57323), (263, 57344), (267, 57353), (277, 57389), (297, 57473), (310, 57524), (319, 57551), (338, 57596), (341, 57608), (346, 57626),

Gene: Toni_67 Start: 56465, Stop: 57226, Start Num: 71
Candidate Starts for Toni_67:
(Start: 71 @56465 has 152 MA's), (Start: 98 @56504 has 2 MA's), (113, 56567), (117, 56585), (127, 56639), (134, 56663), (163, 56696), (192, 56741), (194, 56753), (199, 56774), (211, 56810), (214, 56822), (217, 56834), (238, 56870), (251, 56909), (254, 56915), (263, 56936), (267, 56945), (277, 56981), (297, 57065), (310, 57116), (319, 57143), (338, 57188), (341, 57200), (346, 57218),

Gene: TooFast2Furius_68 Start: 56273, Stop: 57037, Start Num: 80
Candidate Starts for TooFast2Furius_68:
(Start: 43 @56183 has 22 MA's), (Start: 62 @56234 has 3 MA's), (65, 56237), (73, 56255), (Start: 80 @56273 has 86 MA's), (Start: 88 @56294 has 3 MA's), (Start: 94 @56306 has 10 MA's), (104, 56333), (129, 56456), (133, 56468), (172, 56519), (180, 56534), (191, 56555), (192, 56558), (195, 56573), (211, 56627), (220, 56654), (225, 56660), (295, 56846), (321, 56942), (327, 56960), (330, 56969),

Gene: Tooj_65 Start: 55690, Stop: 56451, Start Num: 71
Candidate Starts for Tooj_65:
(Start: 71 @55690 has 152 MA's), (Start: 98 @55729 has 2 MA's), (113, 55792), (117, 55810), (127, 55864), (134, 55888), (163, 55921), (192, 55966), (194, 55978), (211, 56035), (214, 56047), (217, 56059), (238, 56095), (251, 56134), (254, 56140), (263, 56161), (267, 56170), (277, 56206), (297, 56290), (310, 56341), (319, 56368), (338, 56413), (341, 56425), (346, 56443),

Gene: Tres_63 Start: 54722, Stop: 55423, Start Num: 96
Candidate Starts for Tres_63:
(1, 54266), (2, 54272), (3, 54275), (Start: 4 @54305 has 1 MA's), (8, 54383), (9, 54404), (Start: 70 @54677 has 1 MA's), (Start: 75 @54689 has 7 MA's), (Start: 96 @54722 has 27 MA's), (114, 54794), (117, 54809), (122, 54830), (144, 54893), (183, 54950), (184, 54953), (192, 54962), (194, 54974), (206, 55022), (211, 55031), (225, 55064), (228, 55070), (261, 55139), (273, 55169), (277, 55184), (296, 55259), (301, 55274), (314, 55334), (326, 55361),

Gene: Triad_69 Start: 55899, Stop: 56660, Start Num: 71
Candidate Starts for Triad_69:
(Start: 71 @55899 has 152 MA's), (Start: 98 @55938 has 2 MA's), (113, 56001), (117, 56019), (127, 56073), (134, 56097), (163, 56130), (192, 56175), (194, 56187), (199, 56208), (211, 56244), (214, 56256), (217, 56268), (238, 56304), (251, 56343), (254, 56349), (263, 56370), (267, 56379), (277, 56415), (297, 56499), (310, 56550), (319, 56577), (338, 56622), (341, 56634), (346, 56652),

Gene: True_65 Start: 56029, Stop: 56790, Start Num: 71
Candidate Starts for True_65:
(Start: 71 @56029 has 152 MA's), (Start: 98 @56068 has 2 MA's), (113, 56131), (117, 56149), (127, 56203), (134, 56227), (163, 56260), (192, 56305), (194, 56317), (199, 56338), (211, 56374), (214, 56386), (217, 56398), (238, 56434), (251, 56473), (254, 56479), (263, 56500), (267, 56509), (277, 56545), (297, 56629), (310, 56680), (319, 56707), (338, 56752), (341, 56764), (346, 56782),

Gene: Trypo_68 Start: 56747, Stop: 57511, Start Num: 80
Candidate Starts for Trypo_68:
(Start: 43 @56657 has 22 MA's), (Start: 62 @56708 has 3 MA's), (65, 56711), (73, 56729), (Start: 80 @56747 has 86 MA's), (Start: 88 @56768 has 3 MA's), (Start: 94 @56780 has 10 MA's), (104, 56807), (129, 56930), (133, 56942), (172, 56993), (180, 57008), (191, 57029), (192, 57032), (195, 57047), (211, 57101), (220, 57128), (225, 57134), (295, 57320), (321, 57416), (327, 57434), (330, 57443),

Gene: Tydolla_64 Start: 56353, Stop: 57144, Start Num: 47
Candidate Starts for Tydolla_64:
(Start: 47 @56353 has 1 MA's), (72, 56407), (Start: 82 @56431 has 1 MA's), (Start: 87 @56443 has 6 MA's), (103, 56485), (113, 56530), (118, 56554), (121, 56566), (139, 56632), (153, 56647), (159, 56653), (197, 56719), (203, 56749), (211, 56764), (222, 56791), (240, 56821), (247, 56842), (252, 56851), (270, 56890), (280, 56923), (293, 56965), (296, 56989), (301, 57004), (304, 57022), (310, 57046), (318, 57070),

Gene: TyrionL_67 Start: 56025, Stop: 56879, Start Num: 43
Candidate Starts for TyrionL_67:
(Start: 43 @56025 has 22 MA's), (Start: 62 @56076 has 3 MA's), (65, 56079), (73, 56097), (Start: 80 @56115 has 86 MA's), (Start: 88 @56136 has 3 MA's), (Start: 94 @56148 has 10 MA's), (104, 56175), (129, 56298), (133, 56310), (172, 56361), (180, 56376), (191, 56397), (192, 56400), (195, 56415), (211, 56469), (220, 56496), (225, 56502), (295, 56688), (321, 56784), (327, 56802), (330, 56811),

Gene: UAch1_67 Start: 56260, Stop: 57021, Start Num: 71
Candidate Starts for UAch1_67:
(Start: 71 @56260 has 152 MA's), (Start: 98 @56299 has 2 MA's), (113, 56362), (117, 56380), (127, 56434), (134, 56458), (163, 56491), (192, 56536), (194, 56548), (199, 56569), (211, 56605), (214, 56617), (217, 56629), (238, 56665), (251, 56704), (254, 56710), (263, 56731), (267, 56740), (277, 56776), (297, 56860), (310, 56911), (319, 56938), (338, 56983), (341, 56995), (346, 57013),

Gene: UncleHowie_64 Start: 55717, Stop: 56481, Start Num: 80
Candidate Starts for UncleHowie_64:
(Start: 43 @55627 has 22 MA's), (Start: 62 @55678 has 3 MA's), (65, 55681), (73, 55699), (Start: 80 @55717 has 86 MA's), (Start: 88 @55738 has 3 MA's), (Start: 94 @55750 has 10 MA's), (104, 55777), (129, 55900), (133, 55912), (172, 55963), (180, 55978), (191, 55999), (192, 56002), (195, 56017), (211, 56071), (220, 56098), (225, 56104), (295, 56290), (321, 56386), (327, 56404), (330, 56413),

Gene: Usavi_68 Start: 56688, Stop: 57449, Start Num: 71
Candidate Starts for Usavi_68:
(Start: 71 @56688 has 152 MA's), (Start: 98 @56727 has 2 MA's), (113, 56790), (117, 56808), (127, 56862), (134, 56886), (163, 56919), (192, 56964), (194, 56976), (199, 56997), (211, 57033), (214, 57045), (217, 57057), (251, 57132), (254, 57138), (263, 57159), (267, 57168), (277, 57204), (297, 57288), (310, 57339), (319, 57366), (338, 57411), (341, 57423), (346, 57441),

Gene: Vaishali24_67 Start: 56359, Stop: 57120, Start Num: 71
Candidate Starts for Vaishali24_67:
(Start: 71 @56359 has 152 MA's), (Start: 98 @56398 has 2 MA's), (113, 56461), (117, 56479), (127, 56533), (134, 56557), (163, 56590), (192, 56635), (194, 56647), (211, 56704), (214, 56716), (217, 56728), (251, 56803), (253, 56806), (254, 56809), (263, 56830), (267, 56839), (277, 56875), (297, 56959), (310, 57010), (319, 57037), (338, 57082), (341, 57094), (346, 57112),

Gene: Valjean_66 Start: 56259, Stop: 57020, Start Num: 71
Candidate Starts for Valjean_66:

(Start: 71 @56259 has 152 MA's), (Start: 98 @56298 has 2 MA's), (113, 56361), (117, 56379), (127, 56433), (134, 56457), (163, 56490), (192, 56535), (194, 56547), (199, 56568), (211, 56604), (214, 56616), (217, 56628), (238, 56664), (251, 56703), (254, 56709), (263, 56730), (267, 56739), (277, 56775), (297, 56859), (310, 56910), (319, 56937), (338, 56982), (341, 56994), (346, 57012),

Gene: Vaticameos_64 Start: 54563, Stop: 55324, Start Num: 71
Candidate Starts for Vaticameos_64:
(Start: 71 @54563 has 152 MA's), (Start: 98 @54602 has 2 MA's), (113, 54665), (117, 54683), (127, 54737), (134, 54761), (163, 54794), (192, 54839), (194, 54851), (211, 54908), (214, 54920), (217, 54932), (238, 54968), (251, 55007), (254, 55013), (263, 55034), (267, 55043), (277, 55079), (297, 55163), (310, 55214), (319, 55241), (338, 55286), (341, 55298), (346, 55316),

Gene: Veritas_66 Start: 56215, Stop: 56958, Start Num: 88
Candidate Starts for Veritas_66:
(Start: 43 @56104 has 22 MA's), (Start: 62 @56155 has 3 MA's), (65, 56158), (73, 56176), (Start: 80 @56194 has 86 MA's), (Start: 88 @56215 has 3 MA's), (Start: 94 @56227 has 10 MA's), (104, 56254), (129, 56377), (133, 56389), (172, 56440), (180, 56455), (191, 56476), (192, 56479), (195, 56494), (211, 56548), (220, 56575), (225, 56581), (295, 56767), (321, 56863), (327, 56881), (330, 56890),

Gene: Vic9_00062 Start: 55540, Stop: 56274, Start Num: 75
Candidate Starts for Vic9_00062:
(7, 55186), (8, 55234), (9, 55255), (Start: 70 @55528 has 1 MA's), (Start: 75 @55540 has 7 MA's), (Start: 96 @55573 has 27 MA's), (114, 55645), (117, 55660), (122, 55681), (144, 55744), (183, 55801), (184, 55804), (192, 55813), (194, 55825), (206, 55873), (211, 55882), (228, 55921), (261, 55990), (273, 56020), (277, 56035), (296, 56110), (301, 56125), (314, 56185), (326, 56212),

Gene: Vincenzo_63 Start: 58358, Stop: 59101, Start Num: 51
Candidate Starts for Vincenzo_63:
(Start: 51 @58358 has 11 MA's), (Start: 84 @58400 has 1 MA's), (113, 58478), (148, 58583), (167, 58604), (192, 58640), (195, 58655), (198, 58670), (211, 58709), (212, 58715), (217, 58733), (221, 58739), (230, 58754), (243, 58772), (253, 58799), (272, 58850), (273, 58853), (296, 58943), (301, 58958), (310, 59000), (314, 59018), (321, 59033), (329, 59054), (332, 59063), (345, 59093),

Gene: VioletZ_62 Start: 57222, Stop: 58004, Start Num: 46
Candidate Starts for VioletZ_62:
(Start: 42 @57195 has 3 MA's), (Start: 46 @57222 has 17 MA's), (Start: 51 @57231 has 11 MA's), (Start: 84 @57285 has 1 MA's), (113, 57363), (136, 57462), (148, 57468), (161, 57486), (164, 57489), (192, 57531), (203, 57585), (211, 57600), (212, 57606), (217, 57624), (225, 57636), (228, 57642), (253, 57699), (273, 57753), (294, 57822), (301, 57858), (306, 57885), (307, 57888), (316, 57921), (327, 57948),

Gene: Virapocalypse_68 Start: 56358, Stop: 57119, Start Num: 71
Candidate Starts for Virapocalypse_68:
(Start: 71 @56358 has 152 MA's), (Start: 98 @56397 has 2 MA's), (113, 56460), (117, 56478), (127, 56532), (134, 56556), (163, 56589), (192, 56634), (194, 56646), (199, 56667), (211, 56703), (214, 56715), (217, 56727), (238, 56763), (251, 56802), (254, 56808), (263, 56829), (267, 56838), (277, 56874), (297, 56958), (310, 57009), (319, 57036), (338, 57081), (341, 57093), (346, 57111),

Gene: Virgeve_66 Start: 55993, Stop: 56754, Start Num: 71
Candidate Starts for Virgeve_66:
(Start: 71 @55993 has 152 MA's), (Start: 98 @56032 has 2 MA's), (113, 56095), (117, 56113), (127, 56167), (134, 56191), (163, 56224), (192, 56269), (194, 56281), (199, 56302), (211, 56338), (214, 56350), (217, 56362), (238, 56398), (251, 56437), (254, 56443), (263, 56464), (267, 56473), (277,

56509), (297, 56593), (310, 56644), (319, 56671), (338, 56716), (341, 56728), (346, 56746),

Gene: Vista_65 Start: 56018, Stop: 56782, Start Num: 80
Candidate Starts for Vista_65:
(Start: 43 @55928 has 22 MA's), (Start: 62 @55979 has 3 MA's), (65, 55982), (73, 56000), (Start: 80 @56018 has 86 MA's), (Start: 88 @56039 has 3 MA's), (Start: 94 @56051 has 10 MA's), (104, 56078), (129, 56201), (133, 56213), (172, 56264), (180, 56279), (191, 56300), (192, 56303), (195, 56318), (211, 56372), (220, 56399), (225, 56405), (295, 56591), (321, 56687), (327, 56705), (330, 56714),

Gene: Vivaldi_67 Start: 56479, Stop: 57243, Start Num: 80
Candidate Starts for Vivaldi_67:
(Start: 43 @56389 has 22 MA's), (Start: 62 @56440 has 3 MA's), (65, 56443), (73, 56461), (Start: 80 @56479 has 86 MA's), (Start: 88 @56500 has 3 MA's), (Start: 94 @56512 has 10 MA's), (104, 56539), (129, 56662), (133, 56674), (172, 56725), (180, 56740), (191, 56761), (192, 56764), (195, 56779), (211, 56833), (220, 56860), (225, 56866), (295, 57052), (321, 57148), (327, 57166), (330, 57175),

Gene: Vortex_66 Start: 56302, Stop: 57066, Start Num: 80
Candidate Starts for Vortex_66:
(Start: 62 @56263 has 3 MA's), (65, 56266), (73, 56284), (Start: 80 @56302 has 86 MA's), (Start: 88 @56323 has 3 MA's), (Start: 94 @56335 has 10 MA's), (104, 56362), (129, 56485), (133, 56497), (172, 56548), (180, 56563), (191, 56584), (192, 56587), (195, 56602), (211, 56656), (220, 56683), (225, 56689), (295, 56875), (321, 56971), (327, 56989), (330, 56998),

Gene: Waleliano_60 Start: 57162, Stop: 57944, Start Num: 46
Candidate Starts for Waleliano_60:
(Start: 42 @57135 has 3 MA's), (Start: 46 @57162 has 17 MA's), (Start: 51 @57171 has 11 MA's), (Start: 84 @57225 has 1 MA's), (113, 57303), (148, 57408), (161, 57426), (164, 57429), (192, 57471), (203, 57525), (211, 57540), (212, 57546), (217, 57564), (225, 57576), (228, 57582), (253, 57639), (273, 57693), (294, 57762), (301, 57798), (306, 57825), (307, 57828), (316, 57861), (327, 57888),

Gene: Wallhey_67 Start: 56125, Stop: 56889, Start Num: 80
Candidate Starts for Wallhey_67:
(Start: 43 @56035 has 22 MA's), (Start: 62 @56086 has 3 MA's), (65, 56089), (73, 56107), (Start: 80 @56125 has 86 MA's), (Start: 88 @56146 has 3 MA's), (Start: 94 @56158 has 10 MA's), (104, 56185), (129, 56308), (133, 56320), (172, 56371), (180, 56386), (191, 56407), (192, 56410), (195, 56425), (211, 56479), (220, 56506), (225, 56512), (295, 56698), (321, 56794), (327, 56812), (330, 56821),

Gene: Waterdiva_67 Start: 56392, Stop: 57153, Start Num: 71
Candidate Starts for Waterdiva_67:
(Start: 71 @56392 has 152 MA's), (Start: 98 @56431 has 2 MA's), (113, 56494), (117, 56512), (127, 56566), (134, 56590), (163, 56623), (192, 56668), (194, 56680), (199, 56701), (211, 56737), (214, 56749), (217, 56761), (238, 56797), (251, 56836), (254, 56842), (263, 56863), (267, 56872), (277, 56908), (297, 56992), (310, 57043), (319, 57070), (338, 57115), (341, 57127), (346, 57145),

Gene: Weher20_64 Start: 56636, Stop: 57400, Start Num: 80
Candidate Starts for Weher20_64:
(Start: 43 @56546 has 22 MA's), (Start: 62 @56597 has 3 MA's), (65, 56600), (73, 56618), (Start: 80 @56636 has 86 MA's), (Start: 88 @56657 has 3 MA's), (Start: 94 @56669 has 10 MA's), (104, 56696), (129, 56819), (133, 56831), (172, 56882), (180, 56897), (191, 56918), (192, 56921), (195, 56936), (211, 56990), (220, 57017), (225, 57023), (295, 57209), (321, 57305), (327, 57323), (330, 57332),

Gene: West99_63 Start: 54862, Stop: 55596, Start Num: 75
Candidate Starts for West99_63:

(1, 54439), (2, 54445), (3, 54448), (Start: 4 @54478 has 1 MA's), (8, 54556), (9, 54577), (19, 54694), (25, 54706), (Start: 70 @54850 has 1 MA's), (Start: 75 @54862 has 7 MA's), (Start: 96 @54895 has 27 MA's), (114, 54967), (117, 54982), (122, 55003), (144, 55066), (183, 55123), (184, 55126), (192, 55135), (194, 55147), (206, 55195), (211, 55204), (225, 55237), (228, 55243), (261, 55312), (273, 55342), (277, 55357), (296, 55432), (301, 55447), (314, 55507), (326, 55534),

Gene: Windsor_67 Start: 56579, Stop: 57340, Start Num: 71
Candidate Starts for Windsor_67:
(Start: 71 @56579 has 152 MA's), (Start: 98 @56618 has 2 MA's), (113, 56681), (117, 56699), (127, 56753), (134, 56777), (163, 56810), (192, 56855), (194, 56867), (199, 56888), (211, 56924), (214, 56936), (217, 56948), (238, 56984), (251, 57023), (254, 57029), (263, 57050), (267, 57059), (277, 57095), (297, 57179), (310, 57230), (319, 57257), (338, 57302), (341, 57314), (346, 57332),

Gene: Xavier_66 Start: 56020, Stop: 56781, Start Num: 71
Candidate Starts for Xavier_66:
(Start: 71 @56020 has 152 MA's), (Start: 98 @56059 has 2 MA's), (113, 56122), (117, 56140), (127, 56194), (134, 56218), (163, 56251), (192, 56296), (194, 56308), (199, 56329), (211, 56365), (214, 56377), (217, 56389), (238, 56425), (251, 56464), (254, 56470), (263, 56491), (267, 56500), (277, 56536), (297, 56620), (310, 56671), (319, 56698), (338, 56743), (341, 56755), (346, 56773),

Gene: Xincheng_61 Start: 58341, Stop: 59099, Start Num: 46
Candidate Starts for Xincheng_61:
(36, 58302), (Start: 46 @58341 has 17 MA's), (Start: 51 @58350 has 11 MA's), (Start: 84 @58398 has 1 MA's), (109, 58458), (113, 58476), (125, 58536), (167, 58602), (192, 58638), (195, 58653), (205, 58695), (206, 58698), (211, 58707), (212, 58713), (217, 58731), (225, 58743), (246, 58779), (253, 58797), (294, 58920), (301, 58956), (310, 58998), (314, 59016), (318, 59025), (323, 59034), (327, 59046), (341, 59085),

Gene: Yago84_58 Start: 49428, Stop: 50210, Start Num: 97
Candidate Starts for Yago84_58:
(86, 49413), (Start: 97 @49428 has 10 MA's), (140, 49605), (169, 49647), (177, 49662), (192, 49692), (201, 49734), (203, 49746), (211, 49761), (212, 49767), (214, 49773), (217, 49785), (232, 49815), (251, 49866), (258, 49881), (277, 49941), (295, 50040), (300, 50058), (309, 50097), (334, 50166),

Gene: Yahalom_65 Start: 56292, Stop: 57059, Start Num: 77
Candidate Starts for Yahalom_65:
(Start: 77 @56292 has 39 MA's), (Start: 92 @56328 has 1 MA's), (103, 56358), (122, 56442), (127, 56475), (138, 56508), (170, 56544), (174, 56550), (183, 56568), (188, 56574), (212, 56652), (230, 56688), (250, 56715), (257, 56733), (303, 56880), (321, 56952), (332, 56985), (347, 57024), (348, 57054),

Gene: Yinz_67 Start: 56357, Stop: 57124, Start Num: 77
Candidate Starts for Yinz_67:
(Start: 77 @56357 has 39 MA's), (Start: 92 @56393 has 1 MA's), (103, 56423), (122, 56507), (127, 56540), (138, 56573), (170, 56609), (174, 56615), (183, 56633), (188, 56639), (212, 56717), (230, 56753), (250, 56780), (257, 56798), (303, 56945), (321, 57017), (347, 57089), (348, 57119),

Gene: Yoshand_67 Start: 56295, Stop: 57059, Start Num: 80
Candidate Starts for Yoshand_67:
(Start: 43 @56205 has 22 MA's), (Start: 62 @56256 has 3 MA's), (65, 56259), (73, 56277), (Start: 80 @56295 has 86 MA's), (Start: 88 @56316 has 3 MA's), (Start: 94 @56328 has 10 MA's), (104, 56355), (129, 56478), (133, 56490), (172, 56541), (180, 56556), (191, 56577), (192, 56580), (195, 56595), (211, 56649), (220, 56676), (225, 56682), (295, 56868), (321, 56964), (327, 56982), (330, 56991),

Gene: YouGoGlencoco_67 Start: 56307, Stop: 57071, Start Num: 80
Candidate Starts for YouGoGlencoco_67:
(Start: 43 @56217 has 22 MA's), (Start: 62 @56268 has 3 MA's), (65, 56271), (73, 56289), (Start: 80 @56307 has 86 MA's), (Start: 88 @56328 has 3 MA's), (Start: 94 @56340 has 10 MA's), (104, 56367), (129, 56490), (133, 56502), (172, 56553), (180, 56568), (191, 56589), (192, 56592), (195, 56607), (211, 56661), (220, 56688), (225, 56694), (295, 56880), (321, 56976), (327, 56994), (330, 57003),

Gene: Zaider_68 Start: 56499, Stop: 57260, Start Num: 71
Candidate Starts for Zaider_68:
(Start: 71 @56499 has 152 MA's), (Start: 98 @56538 has 2 MA's), (113, 56601), (117, 56619), (127, 56673), (134, 56697), (163, 56730), (192, 56775), (194, 56787), (199, 56808), (211, 56844), (214, 56856), (217, 56868), (238, 56904), (251, 56943), (254, 56949), (263, 56970), (267, 56979), (277, 57015), (297, 57099), (310, 57150), (319, 57177), (338, 57222), (341, 57234), (346, 57252),

Gene: Zelda_67 Start: 56647, Stop: 57411, Start Num: 80
Candidate Starts for Zelda_67:
(Start: 43 @56557 has 22 MA's), (Start: 62 @56608 has 3 MA's), (65, 56611), (73, 56629), (Start: 80 @56647 has 86 MA's), (Start: 88 @56668 has 3 MA's), (Start: 94 @56680 has 10 MA's), (104, 56707), (129, 56830), (133, 56842), (172, 56893), (180, 56908), (191, 56929), (192, 56932), (195, 56947), (211, 57001), (220, 57028), (225, 57034), (295, 57220), (321, 57316), (327, 57334), (330, 57343),

Gene: Zemanar_61 Start: 57006, Stop: 57779, Start Num: 51
Candidate Starts for Zemanar_61:
(Start: 42 @56970 has 3 MA's), (Start: 46 @56997 has 17 MA's), (Start: 51 @57006 has 11 MA's), (Start: 84 @57060 has 1 MA's), (113, 57138), (148, 57243), (161, 57261), (164, 57264), (192, 57306), (203, 57360), (211, 57375), (212, 57381), (217, 57399), (225, 57411), (228, 57417), (253, 57474), (273, 57528), (294, 57597), (301, 57633), (306, 57660), (307, 57663), (316, 57696), (327, 57723),

Gene: Zenteno07_72 Start: 57916, Stop: 58686, Start Num: 79
Candidate Starts for Zenteno07_72:
(Start: 79 @57916 has 4 MA's), (Start: 96 @57952 has 27 MA's), (112, 58015), (138, 58120), (194, 58210), (195, 58213), (221, 58297), (242, 58339), (253, 58369), (279, 58441), (296, 58507), (312, 58576), (314, 58582), (330, 58621), (341, 58651),

Gene: Zonia_67 Start: 56576, Stop: 57340, Start Num: 80
Candidate Starts for Zonia_67:
(Start: 43 @56486 has 22 MA's), (Start: 62 @56537 has 3 MA's), (65, 56540), (73, 56558), (Start: 80 @56576 has 86 MA's), (Start: 88 @56597 has 3 MA's), (Start: 94 @56609 has 10 MA's), (104, 56636), (129, 56759), (133, 56771), (172, 56822), (180, 56837), (191, 56858), (192, 56861), (195, 56876), (211, 56930), (220, 56957), (225, 56963), (295, 57149), (321, 57245), (327, 57263), (330, 57272),