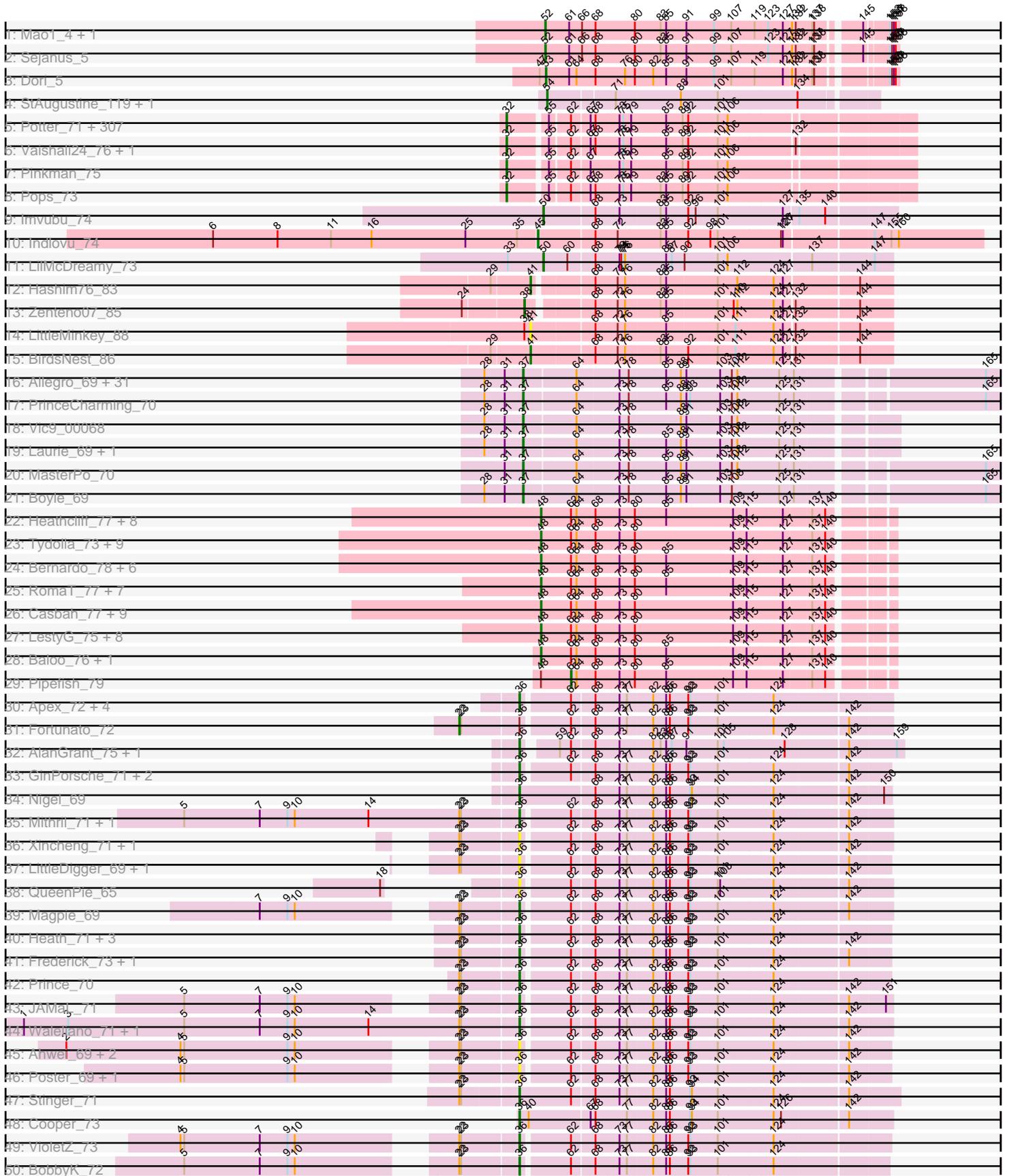
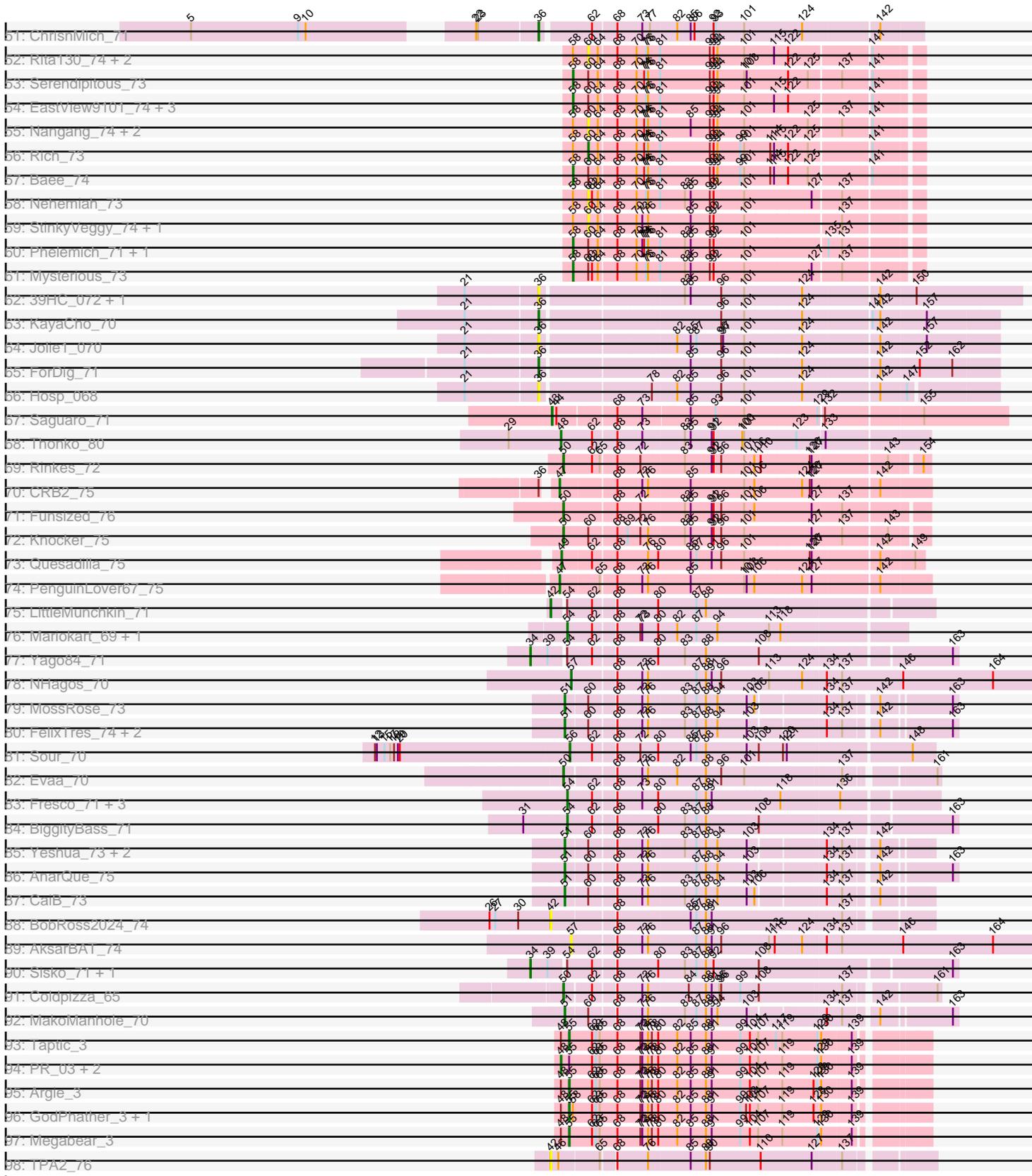


Pham 290695



Pham 290695



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 290695 Report

This analysis was run 03/28/26 on database version 641.

Pham number 290695 has 528 members, 74 are drafts.

Phages represented in each track:

- Track 1 : Mao1_4, Mask_5
- Track 2 : Sejanus_5
- Track 3 : Dori_5
- Track 4 : StAugustine_119, Causa_121
- Track 5 : Potter_71, Iridessa_77, Khan1_75, FleetyMac_78, Dingo_72, LeeLot_74, LuckyMarjie_72, KLucky39_73, Thunderbird_75, ElvisPhasley_76, GreenChile_74, PinheadLarry_74, Mag7_73, Robyn_76, Crownjwl_73, AngelCake_74, CampRoach_76, Lopsy_72, Tooj_72, TyrionL_75, FriarPreacher_73, Duggie_75, Gophee_75, Anderson_77, ProfessorX_73, Badfish_76, Kailash_73, Kahve_76, GeneCoco_76, Mana_73, QueenBeane_75, Hertubise_75, PallasAthena_76, RedRaider89_77, Hekos_73, Chute_75, Kwksand96_76, Happabalu_73, Solosis_73, SirBeauregard_76, Kwadwo_74, Cannibal_76, Puhltonio_73, Adriana_75, Longacauda_76, Mecca_75, OneBrain_78, Mesh1_76, Sheila_71, FremontTroll_73, Samaymay_75, Lego3393_73, LostAndPhound_74, Scrick_74, Haleema_74, Kimbrough_76, Olak_74, Usavi_76, Lumine_76, Oosterbaan_75, Lulumae_72, Buckeye_75, Craff_77, CheetO_74, Durga_77, Sigman_75, Orion_75, MelsMeow_74, Scoot17C_76, Nathan_76, Matalotodo_74, Legolas_76, KingVeVeVe_73, LemonSlice_75, Aleia_74, TomBombadil_75, Phareon_73, OSmaximus_75, Inverness_73, Caspiboi_74, JDog_74, Bluephacebaby_74, Zelda_75, EmpTee_74, IsaacEli_77, PhrodoBaggins_77, HogWash_75, DolOn_79, Beaglebox_72, Lulwa_72, CharlieGBrown_73, LasagnaCat_76, Basato_74, Eremos_74, Katniss_77, Dice_74, Chaelin_76, Roliet_72, Harvey_72, Cher_75, JacAttac_75, Charles1_76, MiniBoss_72, Brilliant_78, Telesworld_73, PG1_75, Vortex_74, SassyCat97_73, Veritas_74, Pacifista_74, Chah_77, Plata_74, Gwilliam_76, Cornbread_74, Swiphy_77, Plmatters_73, Jiminy_75, Phunky_73, RedMaple_75, Banjo_72, Omniscient_76, PhatCats2014_76, Morgushi_73, Iridoclysis_74, Held_73, True_73, JakeO_76, Simielle_74, Piglet_0075, HenryJackson_76, Giraffe_75, Fozzie_73, CamL_75, FugateOSU_75, Numberten_74, BlueHusk_76, SallyH_77, Phamished_75, Chunky_75, Orfeu_74, Roy17_73, ThreeOh3D2_77, OliverWalter_75, FluffyNinja_76, Aonishiki_76, Windsor_75, Triad_76, Yoshand_76, ImtiyazSitla_76, PhatLouie_77, LeiMonet_77, SilverBell_76, DonSanchon_71, ShiVal_73, YouGoGlencoco_75, Vaticameos_72, Eugenia_76, Emiris_76, Megamind20_75, Mutante_76, Serendipity_75, Nyala_74, Colbert_73, Mikota_72, Karn_75, Jiraiya_76, HSavage_73, JangoPhett_73, Placalicious_74, TallGrassMM_74, HighStump_76, Phergie_75, Cosmolli16_77, Apizium_74, Frankicide_74, Gyarad_0074, Labeouficaum_75, Phleuron_73, Mosaic_73, Flake_77, KlimbOn_74, Haimas_73, Megatron_76, Altwerkus_74,

ShadowBud_75, Carthage_75, Suffolk_73, BatteryCK_73, Kikipoo_77,
Doddsville_73, Dione_73, Skippy_76, Grand2040_73, Sophia_73, Coletti_78,
Etaye_74, Surely_75, Daka_77, Hetaeria_75, Childish_75, Virapocalypse_76,
Bishoperium_75, Newman_73, Trypo_76, Hocus_73, Kloppinator_75, Burr_75,
BlacksBerry_75, Maskar_76, Zaider_76, Squiggle_74, Hartsy_74, Valjean_74,
Morty_76, Squid_74, Struggle_75, Roscoe_75, MRabcd_75, Daffy_74, Dati_72,
MrPhizzler_78, Antonia_74, Weher20_72, Magic8_74, TooFast2Furius_76,
Derpp_75, ABU_74, DirtJuice_75, Cornobble_73, Hamish_72, Soile_76, Mulan_74,
Pherdinand_76, Prickles_76, Soto_72, Vista_74, Fringe_79, Olive_73, Murdoc_72,
Tomlarah_76, Riverton_74, Orwigg_74, DoesntMatter_72, AbsoluteMadLad_74,
Virgeve_73, Toni_75, Horchata_72, Fang_76, Zonia_76, Melc17_72, Boehler_74,
Pipsqueak_72, Mesmerelda_74, Podrick_74, Keitherie_78, Aelin_74, Andre_77,
Chipette_74, Schueller_73, PhrankReynolds_74, Vivaldi_75, SDcharge11_74,
Swish_76, Quisquillae_77, Gareth_75, Gwennie1_74, Serpentine_0076,
MichaelPhcott_73, Spartan300_74, Xavier_75, DelRivs_73, Wallhey_76,
Nacho_0078, Larson_77, PhenghisKhan_75, Jillium_76, Nicole21_76, Manad_74,
DuchessDung_73, KingTut_66, Slatt_75, Thora_74, Waterdiva_76, Timmi_74,
Jesabah_77, MitKao_75, Chorkpop_76, Maru_75, Selr12_76, Rimu_75, Riggan_76,
DaddyDaniels_78, Chuni_76, Lasso_74, Schadenfreude_75, UAch1_76,
Mcshane_74, Cobra_75, Ashraf_76, UncleHowie_72, BlackStallion_76, Ricotta_75,
AltPhacts_73, Oline_74, Freya_72, BoogieWoogie_74, Phipps_74, Inchworm_76
• Track 6 : Vaishali24_76, Lehmann_77
• Track 7 : Pinkman_75
• Track 8 : Pops_73
• Track 9 : Imvubu_74
• Track 10 : Indlovu_74
• Track 11 : LilMcDreamy_73
• Track 12 : Hashim76_83
• Track 13 : Zenteno07_85
• Track 14 : LittleMinkey_88
• Track 15 : BirdsNest_86
• Track 16 : Allegro_69, Kheth_69, Kolhan_70, Godines_70, LizLemon_69,
Hedgerow_69, Lephleur_69, ItsyBitsy1_68, Lars_70, Brownie5_69, Opia_70,
Kaleb_69, Phantasmagoria_68, West99_69, Glass_70, Faze9_68, Coffee_69,
Rosebush_68, Holeinone_69, Bananafish_70, Rhinoforte_69, Calamitous_70,
Eaglehorse_69, Arbiter_67, LilSmirk_69, Tinciduntolum_70, Ares_69, Tres_69,
TA17A_71, Blocker23_69, FrenchFry_70, Sabella_69
• Track 17 : PrinceCharming_70
• Track 18 : Vic9_00068
• Track 19 : Laurie_69, Qyrzula_63
• Track 20 : MasterPo_70
• Track 21 : Boyle_69
• Track 22 : Heathcliff_77, Halfpint_76, Phayeta_80, Audrey_77, Phlyer_77,
Daisy_76, Compostia_76, Deenasa_77, Athena_79
• Track 23 : Tydolla_73, Rita1961_78, Briakila_77, Marley1013_78, MmasiCarm_78,
Obutu_79, Devonte_76, Philly_76, Chalmers_76, Morty007_76
• Track 24 : Bernardo_78, Gadjet_78, Olivio_77, Shenandoah_76, SlippinJimmy_80,
Corofin_77, ChaChing_77
• Track 25 : RomaT_77, Akoma_77, GlenHope_78, Phaedrus_72, Chentzyk_79,
Kronus_77, Nozo_77, Ben11_77
• Track 26 : Casbah_77, OrangeOswald_77, TinyTerror_78, Yinz_77, Yahalom_75,
Chandler_77, Abinghost_77, RagingRooster_76, HarveySr_76, SynergyX_77

- Track 27 : LestyG_75, Jackstina_72, Kamiyu_77, Neos5_77, Mulaychimus_78, SwainyDoc_78, Marlia_78, Glubnar_78, Mortcellus_77
- Track 28 : Baloo_76, Gervas_78
- Track 29 : Pipefish_79
- Track 30 : Apex_72, Fanaw_68, JoyceMaria_71, Austelle_71, Mudslide_71
- Track 31 : Fortunato_72
- Track 32 : AlanGrant_75, Vincenzo_74
- Track 33 : GinPorsche_71, Epah_69, Antihero_69
- Track 34 : Nigel_69
- Track 35 : Mithril_71, Lolalove_73
- Track 36 : Xincheng_71, JaguarMi_72
- Track 37 : LittleDigger_69, Renkei_69
- Track 38 : QueenPie_65
- Track 39 : Magpie_69
- Track 40 : Heath_71, Hangman_72, Zemanar_71, Hydro_72
- Track 41 : Frederick_73, RawrgerThat_72
- Track 42 : Prince_70
- Track 43 : JAMaL_71
- Track 44 : Waleliano_71, BrownCNA_73
- Track 45 : Ahwei_69, Lambano_69, Hally898_69
- Track 46 : Poster_69, Nanao_70
- Track 47 : Stinger_71
- Track 48 : Cooper_73
- Track 49 : VioletZ_73
- Track 50 : BobbyK_72
- Track 51 : ChrisnMich_71
- Track 52 : Rita130_74, SirJeffery_73, Reccee_75
- Track 53 : Serendipitous_73
- Track 54 : EastView9101_74, Donny_76, Suigeneris_76, Acadian_75
- Track 55 : Nangang_74, Shenyu_75, DigitDog_75
- Track 56 : Rich_73
- Track 57 : Bae_74
- Track 58 : Nehemiah_73
- Track 59 : StinkyVeggy_74, KarasumaRum_74
- Track 60 : Phelemich_71, Reprobate_73
- Track 61 : Mysterious_73
- Track 62 : 39HC_072, 40BC_072
- Track 63 : KayaCho_70
- Track 64 : Jolie1_070
- Track 65 : ForDig_71
- Track 66 : Hosp_068
- Track 67 : Saguaro_71
- Track 68 : Thonko_80
- Track 69 : Rinkes_72
- Track 70 : CRB2_75
- Track 71 : Funsized_76
- Track 72 : Knocker_75
- Track 73 : Quesadilla_75
- Track 74 : PenguinLover67_75
- Track 75 : LittleMunchkin_71
- Track 76 : Mariokart_69, CharlottesWeb_69
- Track 77 : Yago84_71
- Track 78 : NHagos_70

- Track 79 : MossRose_73
- Track 80 : FelixTres_74, Blackpen_72, CloverMinnie_72
- Track 81 : Sour_70
- Track 82 : Evaa_70
- Track 83 : Fresco_71, Ligma_71, Axumite_71, Shatter_71
- Track 84 : BiggityBass_71
- Track 85 : Yeshua_73, Wooper_74, TraderJ_73
- Track 86 : AnarQue_75
- Track 87 : CaiB_73
- Track 88 : BobRoss2024_74
- Track 89 : AksarBAT_74
- Track 90 : Sisko_71, AnClar_70
- Track 91 : Coldpizza_65
- Track 92 : MakoManhole_70
- Track 93 : Taptic_3
- Track 94 : PR_03, D12_03, Cepens_3
- Track 95 : Argie_3
- Track 96 : GodPhather_3, Jeon_3
- Track 97 : Megabear_3
- Track 98 : TPA2_76

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

The start number called the most often in the published annotations is 32, it was called in 280 of the 454 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- ABU_74, AbsoluteMadLad_74, Adriana_75, Aelin_74, Aleia_74, AltPhacts_73, Altwerkus_74, Anderson_77, Andre_77, AngelCake_74, Antonia_74, Aonishiki_76, Apizium_74, Ashraf_76, Badfish_76, Banjo_72, Basato_74, BatteryCK_73, Beaglebox_72, Bishoperium_75, BlackStallion_76, BlacksBerry_75, BlueHusk_76, Bluephacebaby_74, Bohler_74, BoogieWoogie_74, Brilliant_78, Buckeye_75, Burr_75, CamL_75, CampRoach_76, Cannibal_76, Carthage_75, CaspiBoi_74, Chaelin_76, Chah_77, Charles1_76, CharlieGBrown_73, CheetO_74, Cher_75, Childish_75, Chipette_74, Chorkpop_76, Chuni_76, Chunky_75, Chute_75, Cobra_75, Colbert_73, Coletti_78, Cornbread_74, Cornobble_73, Cosmolli16_77, Craff_77, Crownjwl_73, DaddyDaniels_78, Daffy_74, Daka_77, Dati_72, DelRivs_73, Derpp_75, Dice_74, Dingo_72, Dione_73, DirtJuice_75, Doddsville_73, DoesntMatter_72, DoIOn_79, DonSancho_71, DuchessDung_73, Duggie_75, Durga_77, ElvisPhasley_76, Emiris_76, EmpTee_74, Eremos_74, Etaye_74, Eugenia_76, Fang_76, Flake_77, FleetyMac_78, FluffyNinja_76, Fozzie_73, Frankicide_74, FremontTroll_73, Freya_72, FriarPreacher_73, Fringe_79, FugateOSU_75, Gareth_75, GeneCoco_76, Giraffe_75, Gophee_75, Grand2040_73, GreenChile_74, Gwennie1_74, Gwilliam_76, Gyarad_0074, HSavage_73, Haimas_73, Haleema_74, Hamish_72, Happabalu_73, Hartsy_74, Harvey_72, Hekos_73, Held_73, HenryJackson_76, Hertubise_75, Hetaeria_75, HighStump_76, Hocus_73, HogWash_75, Horchata_72, ImtiyazSitla_76, Inchworm_76, Inverness_73, Iridessa_77, Iridoclysis_74, IsaacEli_77, JDog_74, JacAttac_75, JakeO_76, JangoPhett_73, Jesabah_77, Jillium_76, Jiminy_75, Jiraiya_76, KLucky39_73, Kahve_76, Kailash_73, Karn_75, Katniss_77, Keitherie_78, Khan1_75,

Kikipoo_77, Kimbrough_76, KingTut_66, KingVeVeVe_73, KlimbOn_74, Kloppinator_75, Kwadwo_74, Kwksand96_76, Labeouficaum_75, Larson_77, LasagnaCat_76, Lasso_74, LeeLot_74, Lego3393_73, Legolas_76, Lehmann_77, LeiMonet_77, LemonSlice_75, Longacauda_76, Lopsy_72, LostAndPhound_74, LuckyMarjie_72, Lulumae_72, Lulwa_72, Lumine_76, MRabcd_75, Mag7_73, Magic8_74, Mana_73, Manad_74, Maru_75, Maskar_76, Matalotodo_74, Mcshane_74, Mecca_75, Megamind20_75, Megatron_76, Melc17_72, MelsMeow_74, Mesh1_76, Mesmerelda_74, MichaelPhcott_73, Mikota_72, MiniBoss_72, MitKao_75, Morgushi_73, Morty_76, Mosaic_73, MrPhizzler_78, Mulan_74, Murdoc_72, Mutante_76, Nacho_0078, Nathan_76, Newman_73, Nicole21_76, Numberten_74, Nyala_74, OSmaximus_75, Olak_74, Oline_74, Olive_73, OliverWalter_75, Omniscient_76, OneBrain_78, Oosterbaan_75, Orfeu_74, Orion_75, Orwigg_74, PG1_75, Pacifista_74, PallasAthena_76, Phamished_75, Phareon_73, PhatCats2014_76, PhatLouie_77, PhenghisKhan_75, Pherdinand_76, Phergie_75, Phipps_74, Phleuron_73, PhrankReynolds_74, PhrodoBaggins_77, Phunky_73, Piglet_0075, PinheadLarry_74, Pinkman_75, Pipsqueak_72, Placalicious_74, Plata_74, Plmatters_73, Podrick_74, Pops_73, Potter_71, Prickles_76, ProfessorX_73, Puhltonio_73, QueenBeane_75, Quisquillae_77, RedMaple_75, RedRaider89_77, Ricotta_75, Riggan_76, Rimu_75, Riverton_74, Robyn_76, Roliet_72, Roscoe_75, Roy17_73, SDcharge11_74, SallyH_77, Samaymay_75, SassyCat97_73, Schadenfreude_75, Schueller_73, Scoot17C_76, Scrick_74, Selr12_76, Serendipity_75, Serpentine_0076, ShadowBud_75, Sheila_71, ShiVal_73, Sigman_75, SilverBell_76, Simielle_74, SirBeauregard_76, Skippy_76, Slatt_75, Soile_76, Solosis_73, Sophia_73, Soto_72, Spartan300_74, Squid_74, Squiggle_74, Struggle_75, Suffolk_73, Surely_75, Swiphy_77, Swish_76, TallGrassMM_74, Telesworld_73, Thora_74, ThreeOh3D2_77, Thunderbird_75, Timmi_74, TomBombadil_75, Tomlarah_76, Toni_75, TooFast2Furius_76, Tooj_72, Triad_76, True_73, Trypo_76, TyrionL_75, UAch1_76, UncleHowie_72, Usavi_76, Vaishali24_76, Valjean_74, Vaticameos_72, Veritas_74, Virapocalypse_76, Virgeve_73, Vista_74, Vivaldi_75, Vortex_74, Wallhey_76, Waterdiva_76, Weher20_72, Windsor_75, Xavier_75, Yoshand_76, YouGoGlencoco_75, Zaider_76, Zelda_75, Zonia_76,

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

-

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

- 39HC_072, 40BC_072, Abingghost_77, Acadian_75, Ahwei_69, Akoma_77, AksarBAT_74, AlanGrant_75, Allegro_69, AnClar_70, AnarQue_75, Antihero_69, Apex_72, Arbiter_67, Ares_69, Argie_3, Athena_79, Audrey_77, Austelle_71, Axumite_71, Bae_74, Baloo_76, Bananafish_70, Ben11_77, Bernardo_78, BiggityBass_71, BirdsNest_86, Blackpen_72, Blocker23_69, BobRoss2024_74, BobbyK_72, Boyle_69, Briakila_77, BrownCNA_73, Brownie5_69, CRB2_75, CaiB_73, Calamitous_70, Casbah_77, Causa_121, Cepens_3, ChaChing_77, Chalmers_76, Chandler_77, CharlottesWeb_69, Chentzyk_79, ChrisnMich_71, CloverMinnie_72, Coffee_69, Coldpizza_65, Compostia_76, Cooper_73, Corofin_77, D12_03, Daisy_76, Deenasa_77, Devonte_76, DigitDog_75, Donny_76, Dori_5, Eaglehorse_69, EastView9101_74, Epah_69, Evaa_70, Fanaw_68, Faze9_68, FelixTres_74, ForDig_71, Fortunato_72, Frederick_73, FrenchFry_70, Fresco_71, Funsized_76, Gadget_78, Gervas_78, GinPorsche_71, Glass_70, GlenHope_78, Glubnar_78, GodPhather_3, Godines_70, Halfpint_76, Hally898_69, Hangman_72, HarveySr_76, Hashim76_83, Heath_71, Heathcliff_77, Hedgerow_69, Holeinone_69, Hosp_068, Hydro_72, Imvubu_74, Indlovu_74, ItsyBitsy1_68, JAMaL_71,

Jackstina_72, JaguarMi_72, Jeon_3, Jolie1_070, JoyceMaria_71, Kaleb_69, Kamiyu_77, KarasumaRum_74, KayaCho_70, Kheth_69, Knocker_75, Kolhan_70, Kronus_77, Lambano_69, Lars_70, Laurie_69, Lephleur_69, LestyG_75, Ligma_71, LilMcDreamy_73, LilSmirk_69, LittleDigger_69, LittleMinkey_88, LittleMunchkin_71, LizLemon_69, Lolalove_73, Magpie_69, MakoManhole_70, Mao1_4, Mariokart_69, Marley1013_78, Marlia_78, Mask_5, MasterPo_70, Megabear_3, Mithril_71, MmasiCarm_78, Mortcellus_77, Morty007_76, MossRose_73, Mudslide_71, Mulaychimus_78, Mysterious_73, NHagos_70, Nanao_70, Nangang_74, Nehemiah_73, Neos5_77, Nigel_69, Nozo_77, Obutu_79, Olivio_77, Opia_70, OrangeOswald_77, PR_03, PenguinLover67_75, Phaedrus_72, Phantasmagoria_68, Phayeta_80, Phelemich_71, Philly_76, Phlyer_77, Pipefish_79, Poster_69, PrinceCharming_70, Prince_70, QueenPie_65, Quesadilla_75, Qyrzula_63, RagingRooster_76, RawrgerThat_72, Reccee_75, Renkei_69, Reprobate_73, Rhinoforte_69, Rich_73, Rinkes_72, Rita130_74, Rita1961_78, RomaT_77, Rosebush_68, Sabella_69, Saguaro_71, Sejanus_5, Serendipitous_73, Shatter_71, Shenandoah_76, Shenyu_75, SirJeffery_73, Sisko_71, SlippinJimmy_80, Sour_70, StAugustine_119, Stinger_71, StinkyVeggy_74, Suigeneris_76, SwainyDoc_78, SynergyX_77, TA17A_71, TPA2_76, Taptic_3, Thonko_80, Tinciduntolum_70, TinyTerror_78, TraderJ_73, Tres_69, Tydolla_73, Vic9_00068, Vincenzo_74, VioletZ_73, Waleliano_71, West99_69, Wooper_74, Xincheng_71, Yago84_71, Yahalom_75, Yeshua_73, Yinz_77, Zemanar_71, Zenteno07_85,

Summary by start number:

Start 22:

- Found in 27 of 528 (5.1%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 3.7% of time when present
- Phage (with cluster) where this start called: Fortunato_72 (B4),

Start 32:

- Found in 312 of 528 (59.1%) of genes in pham
- Manual Annotations of this start: 280 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ABU_74 (B1), AbsoluteMadLad_74 (B1), Adriana_75 (B1), Aelin_74 (B1), Aleia_74 (B1), AltPhacts_73 (B1), Altwerkus_74 (B1), Anderson_77 (B1), Andre_77 (B1), AngelCake_74 (B1), Antonia_74 (B1), Aonishiki_76 (B1), Apizium_74 (B1), Ashraf_76 (B1), Badfish_76 (B1), Banjo_72 (B1), Basato_74 (B1), BatteryCK_73 (B1), Beaglebox_72 (B1), Bishoperium_75 (B1), BlackStallion_76 (B1), BlacksBerry_75 (B1), BlueHusk_76 (B1), Bluephacebaby_74 (B1), Boehler_74 (B1), BoogieWoogie_74 (B1), Brilliant_78 (B1), Buckeye_75 (B1), Burr_75 (B1), CamL_75 (B1), CampRoach_76 (B1), Cannibal_76 (B1), Carthage_75 (B1), Caspiboi_74 (B1), Chaelin_76 (B1), Chah_77 (B1), Charles1_76 (B1), CharlieGBrown_73 (B1), CheetO_74 (B1), Cher_75 (B1), Childish_75 (B1), Chipette_74 (B1), Chorkpop_76 (B1), Chuni_76 (B1), Chunky_75 (B1), Chute_75 (B1), Cobra_75 (B1), Colbert_73 (B1), Coletti_78 (B1), Cornbread_74 (B1), Cornobble_73 (B1), Cosmolli16_77 (B1), Craff_77 (B1), Crownjwl_73 (B1), DaddyDaniels_78 (B1), Daffy_74 (B1), Daka_77 (B1), Dati_72 (B1), DelRivs_73 (B1), Derpp_75 (B1), Dice_74 (B1), Dingo_72 (B1), Dione_73 (B1), DirtJuice_75 (B1), Doddsville_73 (B1), DoesntMatter_72 (B1), DolOn_79 (B1), DonSanchon_71 (B1), DuchessDung_73 (B1), Duggie_75 (B1), Durga_77 (B1), ElvisPhasley_76 (B1), Emiris_76 (B1), EmpTee_74 (B1), Eremos_74 (B1), Etaye_74 (B1), Eugenia_76 (B1), Fang_76 (B1), Flake_77 (B1), FleetyMac_78 (B1), FluffyNinja_76 (B1), Fozzie_73

(B1), Frankicide_74 (B1), FremontTroll_73 (B1), Freya_72 (B1), FriarPreacher_73 (B1), Fringe_79 (B1), FugateOSU_75 (B1), Gareth_75 (B1), GeneCoco_76 (B1), Giraffe_75 (B1), Gophee_75 (B1), Grand2040_73 (B1), GreenChile_74 (B1), Gwennie1_74 (B1), Gwilliam_76 (B1), Gyarad_0074 (B1), HSavage_73 (B1), Haimas_73 (B1), Haleema_74 (B1), Hamish_72 (B1), Happabalu_73 (B1), Hartsy_74 (B1), Harvey_72 (B1), Hekos_73 (B1), Held_73 (B1), HenryJackson_76 (B1), Hertubise_75 (B1), Hetaeria_75 (B1), HighStump_76 (B1), Hocus_73 (B1), HogWash_75 (B1), Horchata_72 (B1), ImtiyazSitla_76 (B1), Inchworm_76 (B1), Inverness_73 (B1), Iridessa_77 (B1), Iridoclysis_74 (B1), IsaacEli_77 (B1), JDog_74 (B1), JacAttac_75 (B1), JakeO_76 (B1), JangoPhett_73 (B1), Jesabah_77 (B1), Jillium_76 (B1), Jiminy_75 (B1), Jiraiya_76 (B1), KLucky39_73 (B1), Kahve_76 (B1), Kailash_73 (B1), Karn_75 (B1), Katniss_77 (B1), Keitherie_78 (B1), Khan1_75 (B1), Kikipoo_77 (B1), Kimbrough_76 (B1), KingTut_66 (B1), KingVeVeVe_73 (B1), KlimbOn_74 (B1), Kloppinator_75 (B1), Kwadwo_74 (B1), Kwksand96_76 (B1), Labeouficaum_75 (B1), Larson_77 (B1), LasagnaCat_76 (B1), Lasso_74 (B1), LeeLot_74 (B1), Lego3393_73 (B1), Legolas_76 (B1), Lehmann_77 (B1), LeiMonet_77 (B1), LemonSlice_75 (B1), Longacauda_76 (B1), Lopsy_72 (B1), LostAndPhound_74 (B1), LuckyMarjie_72 (B1), Lulumae_72 (B1), Lulwa_72 (B1), Lumine_76 (B1), MRabcd_75 (B1), Mag7_73 (B1), Magic8_74 (B1), Mana_73 (B1), Manad_74 (B1), Maru_75 (B1), Maskar_76 (B1), Matalotodo_74 (B1), Mcshane_74 (B1), Mecca_75 (B1), Megamind20_75 (B1), Megatron_76 (B1), Melc17_72 (B1), MelsMeow_74 (B1), Mesh1_76 (B1), Mesmerelda_74 (B1), MichaelPhcott_73 (B1), Mikota_72 (B1), MiniBoss_72 (B1), MitKao_75 (B1), Morgushi_73 (B1), Morty_76 (B1), Mosaic_73 (B1), MrPhizzler_78 (B1), Mulan_74 (B1), Murdoc_72 (B1), Mutante_76 (B1), Nacho_0078 (B1), Nathan_76 (B1), Newman_73 (B1), Nicole21_76 (B1), Numberten_74 (B1), Nyala_74 (B1), OSmaximus_75 (B1), Olak_74 (B1), Oline_74 (B1), Olive_73 (B1), OliverWalter_75 (B1), Omniscient_76 (B1), OneBrain_78 (B1), Oosterbaan_75 (B1), Orfeu_74 (B1), Orion_75 (B1), Orwigg_74 (B1), PG1_75 (B1), Pacifista_74 (B1), PallasAthena_76 (B1), Phamished_75 (B1), Phareon_73 (B1), PhatCats2014_76 (B1), PhatLouie_77 (B1), PhenghisKhan_75 (B1), Pherdinand_76 (B1), Phergie_75 (B1), Phipps_74 (B1), Phleuron_73 (B1), PhrankReynolds_74 (B1), PhrodoBaggins_77 (B1), Phunky_73 (B1), Piglet_0075 (B1), PinheadLarry_74 (B1), Pinkman_75 (B1), Pipsqueak_72 (B1), Placalicious_74 (B1), Plata_74 (B1), Plmatters_73 (B1), Podrick_74 (B1), Pops_73 (B1), Potter_71 (B1), Prickles_76 (B1), ProfessorX_73 (B1), Puhltonio_73 (B1), QueenBeane_75 (B1), Quisquilliae_77 (B1), RedMaple_75 (B1), RedRaider89_77 (B1), Ricotta_75 (B1), Riggan_76 (B1), Rimu_75 (B1), Riverton_74 (B1), Robyn_76 (B1), Roliet_72 (B1), Roscoe_75 (B1), Roy17_73 (B1), SDcharge11_74 (B1), SallyH_77 (B1), Samaymay_75 (B1), SassyCat97_73 (B1), Schadenfreude_75 (B1), Schueller_73 (B1), Scoot17C_76 (B1), Scrick_74 (B1), Selr12_76 (B1), Serendipity_75 (B1), Serpentine_0076 (B1), ShadowBud_75 (B1), Sheila_71 (B1), ShiVal_73 (B1), Sigman_75 (B1), SilverBell_76 (B1), Simielle_74 (B1), SirBeauregard_76 (B1), Skippy_76 (B1), Slatt_75 (B1), Soile_76 (B1), Solosis_73 (B1), Sophia_73 (B1), Soto_72 (B1), Spartan300_74 (B1), Squid_74 (B1), Squiggle_74 (B1), Struggle_75 (B1), Suffolk_73 (B1), Surely_75 (B1), Swiphy_77 (B1), Swish_76 (B1), TallGrassMM_74 (B1), Telesworld_73 (B1), Thora_74 (B1), ThreeOh3D2_77 (B1), Thunderbird_75 (B1), Timmi_74 (B1), TomBombadil_75 (B1), Tomlahrah_76 (B1), Toni_75 (B1), TooFast2Furius_76 (B1), Tooj_72 (B1), Triad_76 (B1), True_73 (B1), Trypo_76 (B1), TyrionL_75 (B1), UAch1_76 (B1), UncleHowie_72 (B1), Usavi_76 (B1), Vaishali24_76 (B1), Valjean_74 (B1), Vaticameos_72 (B1), Veritas_74 (B1), Virapocalypse_76 (B1), Virgeve_73 (B1), Vista_74 (B1), Vivaldi_75 (B1), Vortex_74 (B1), Wallhey_76 (B1), Waterdiva_76 (B1), Weher20_72 (B1), Windsor_75 (B1), Xavier_75 (B1), Yoshand_76 (B1), YouGoGlencoco_75 (B1), Zaider_76 (B1),

Zelda_75 (B1), Zonia_76 (B1),

Start 34:

- Found in 3 of 528 (0.6%) of genes in pham
- Manual Annotations of this start: 3 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AnClar_70 (DR), Sisko_71 (DR), Yago84_71 (DR),

Start 36:

- Found in 47 of 528 (8.9%) of genes in pham
- Manual Annotations of this start: 27 of 454
- Called 95.7% of time when present
- Phage (with cluster) where this start called: 39HC_072 (B6), 40BC_072 (B6), Ahwei_69 (B4), AlanGrant_75 (B4), Antihero_69 (B4), Apex_72 (B4), Austelle_71 (B4), BobbyK_72 (B4), BrownCNA_73 (B4), ChrisnMich_71 (B4), Cooper_73 (B4), Epah_69 (B4), Fanaw_68 (B4), ForDig_71 (B6), Frederick_73 (B4), GinPorsche_71 (B4), Hally898_69 (B4), Hangman_72 (B4), Heath_71 (B4), Hosp_068 (B6), Hydro_72 (B4), JAMaL_71 (B4), JaguarMi_72 (B4), Jolie1_070 (B6), JoyceMaria_71 (B4), KayaCho_70 (B6), Lambano_69 (B4), LittleDigger_69 (B4), Lolalove_73 (B4), Magpie_69 (B4), Mithril_71 (B4), Mudslide_71 (B4), Nanao_70 (B4), Nigel_69 (B4), Poster_69 (B4), Prince_70 (B4), QueenPie_65 (B4), RawrgerThat_72 (B4), Renkei_69 (B4), Stinger_71 (B4), Vincenzo_74 (B4), VioletZ_73 (B4), Waleliano_71 (B4), Xincheng_71 (B4), Zemanar_71 (B4),

Start 37:

- Found in 38 of 528 (7.2%) of genes in pham
- Manual Annotations of this start: 37 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Allegro_69 (B2), Arbiter_67 (B2), Ares_69 (B2), Bananafish_70 (B2), Blocker23_69 (B2), Boyle_69 (B2), Brownie5_69 (B2), Calamitous_70 (B2), Coffee_69 (B2), Eaglehorse_69 (B2), Faze9_68 (B2), FrenchFry_70 (B2), Glass_70 (B2), Godines_70 (B2), Hedgerow_69 (B2), Holeinone_69 (B2), ItsyBitsy1_68 (B2), Kaleb_69 (B2), Kheth_69 (B2), Kolhan_70 (B2), Lars_70 (B2), Laurie_69 (B2), Lephleur_69 (B2), LilSmirk_69 (B2), LizLemon_69 (B2), MasterPo_70 (B2), Opia_70 (B2), Phantasmagoria_68 (B2), PrinceCharming_70 (B2), Qyrzula_63 (B2), Rhinoforte_69 (B2), Rosebush_68 (B2), Sabella_69 (B2), TA17A_71 (B2), Tinciduntolum_70 (B2), Tres_69 (B2), Vic9_00068 (B2), West99_69 (B2),

Start 38:

- Found in 2 of 528 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Zenteno07_85 (B13),

Start 41:

- Found in 3 of 528 (0.6%) of genes in pham
- Manual Annotations of this start: 2 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BirdsNest_86 (B13), Hashim76_83 (B13), LittleMinkey_88 (B13),

Start 42:

- Found in 3 of 528 (0.6%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BobRoss2024_74 (DR), LittleMunchkin_71 (DR), TPA2_76 (singleton),

Start 43:

- Found in 1 of 528 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Saguaro_71 (B7),

Start 45:

- Found in 1 of 528 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Indlovu_74 (B11),

Start 47:

- Found in 3 of 528 (0.6%) of genes in pham
- Manual Annotations of this start: 2 of 454
- Called 66.7% of time when present
- Phage (with cluster) where this start called: CRB2_75 (B9), PenguinLover67_75 (B9),

Start 48:

- Found in 65 of 528 (12.3%) of genes in pham
- Manual Annotations of this start: 53 of 454
- Called 90.8% of time when present
- Phage (with cluster) where this start called: Abinghost_77 (B3), Akoma_77 (B3), Athena_79 (B3), Audrey_77 (B3), Baloo_76 (B3), Ben11_77 (B3), Bernardo_78 (B3), Briakila_77 (B3), Casbah_77 (B3), Cepens_3 (W), ChaChing_77 (B3), Chalmers_76 (B3), Chandler_77 (B3), Chentzyk_79 (B3), Compostia_76 (B3), Corofin_77 (B3), D12_03 (W), Daisy_76 (B3), Deenasa_77 (B3), Devonte_76 (B3), Gadget_78 (B3), Gervas_78 (B3), GlenHope_78 (B3), Glubnar_78 (B3), Halfpint_76 (B3), HarveySr_76 (B3), Heathcliff_77 (B3), Jackstina_72 (B3), Kamiyu_77 (B3), Kronus_77 (B3), LestyG_75 (B3), Marley1013_78 (B3), Marlia_78 (B3), MmasiCarm_78 (B3), Mortcellus_77 (B3), Morty007_76 (B3), Mulaychimus_78 (B3), Neos5_77 (B3), Nozo_77 (B3), Obutu_79 (B3), Olivio_77 (B3), OrangeOswald_77 (B3), PR_03 (W), Phaedrus_72 (B3), Phayeta_80 (B3), Philly_76 (B3), Phlyer_77 (B3), RagingRooster_76 (B3), Rita1961_78 (B3), RomaT_77 (B3), Shenandoah_76 (B3), SlippinJimmy_80 (B3), SwainyDoc_78 (B3), SynergyX_77 (B3), Thonko_80 (B8), TinyTerror_78 (B3), Tydolla_73 (B3), Yahalom_75 (B3), Yinz_77 (B3),

Start 49:

- Found in 1 of 528 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Quesadilla_75 (B9),

Start 50:

- Found in 7 of 528 (1.3%) of genes in pham

- Manual Annotations of this start: 7 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Coldpizza_65 (DR), Evaa_70 (DR), Funsized_76 (B9), Imvubu_74 (B10), Knocker_75 (B9), LilMcDreamy_73 (B12), Rinkes_72 (B9),

Start 51:

- Found in 10 of 528 (1.9%) of genes in pham
- Manual Annotations of this start: 7 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AnarQue_75 (DR), Blackpen_72 (DR), CaiB_73 (DR), CloverMinnie_72 (DR), FelixTres_74 (DR), MakoManhole_70 (DR), MossRose_73 (DR), TraderJ_73 (DR), Wooper_74 (DR), Yeshua_73 (DR),

Start 52:

- Found in 3 of 528 (0.6%) of genes in pham
- Manual Annotations of this start: 3 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Mao1_4 (AD), Mask_5 (AD), Sejanus_5 (AD),

Start 53:

- Found in 1 of 528 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Dori_5 (AD),

Start 54:

- Found in 13 of 528 (2.5%) of genes in pham
- Manual Annotations of this start: 8 of 454
- Called 69.2% of time when present
- Phage (with cluster) where this start called: Axumite_71 (DR), BiggityBass_71 (DR), Causa_121 (AI), CharlottesWeb_69 (DR), Fresco_71 (DR), Ligma_71 (DR), Mariokart_69 (DR), Shatter_71 (DR), StAugustine_119 (AI),

Start 55:

- Found in 320 of 528 (60.6%) of genes in pham
- Manual Annotations of this start: 5 of 454
- Called 1.6% of time when present
- Phage (with cluster) where this start called: Argie_3 (W), GodPhather_3 (W), Jeon_3 (W), Megabear_3 (W), Taptic_3 (W),

Start 56:

- Found in 1 of 528 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sour_70 (DR),

Start 57:

- Found in 2 of 528 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AksarBAT_74 (DR), NHagos_70 (DR),

Start 58:

- Found in 21 of 528 (4.0%) of genes in pham
- Manual Annotations of this start: 9 of 454
- Called 42.9% of time when present
- Phage (with cluster) where this start called: Acadian_75 (B5), Bae_74 (B5), Donny_76 (B5), EastView9101_74 (B5), Mysterious_73 (B5), Phelemich_71 (B5), Reprobate_73 (B5), Serendipitous_73 (B5), Suigeneris_76 (B5),

Start 60:

- Found in 31 of 528 (5.9%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 32.3% of time when present
- Phage (with cluster) where this start called: DigitDog_75 (B5), KarasumaRum_74 (B5), Nangang_74 (B5), Nehemiah_73 (B5), Reccee_75 (B5), Rich_73 (B5), Rita130_74 (B5), Shenyu_75 (B5), SirJeffery_73 (B5), StinkyVeggy_74 (B5),

Start 62:

- Found in 432 of 528 (81.8%) of genes in pham
- Manual Annotations of this start: 1 of 454
- Called 0.2% of time when present
- Phage (with cluster) where this start called: Pipefish_79 (B3),

Summary by clusters:

There are 18 clusters represented in this pham: singleton, B2, B10, AI, B8, B11, B4, B5, B6, B7, B12, B1, W, B3, AD, DR, B9, B13,

Info for manual annotations of cluster AD:

- Start number 52 was manually annotated 3 times for cluster AD.
- Start number 53 was manually annotated 1 time for cluster AD.

Info for manual annotations of cluster AI:

- Start number 54 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B1:

- Start number 32 was manually annotated 280 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 50 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 45 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 50 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 38 was manually annotated 1 time for cluster B13.
- Start number 41 was manually annotated 2 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 37 was manually annotated 37 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 48 was manually annotated 49 times for cluster B3.
- Start number 62 was manually annotated 1 time for cluster B3.

Info for manual annotations of cluster B4:

- Start number 22 was manually annotated 1 time for cluster B4.
- Start number 36 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 58 was manually annotated 9 times for cluster B5.
- Start number 60 was manually annotated 1 time for cluster B5.

Info for manual annotations of cluster B6:

- Start number 36 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:

- Start number 43 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 48 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 47 was manually annotated 2 times for cluster B9.
- Start number 49 was manually annotated 1 time for cluster B9.
- Start number 50 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster DR:

- Start number 34 was manually annotated 3 times for cluster DR.
- Start number 42 was manually annotated 1 time for cluster DR.
- Start number 50 was manually annotated 2 times for cluster DR.
- Start number 51 was manually annotated 7 times for cluster DR.
- Start number 54 was manually annotated 6 times for cluster DR.
- Start number 56 was manually annotated 1 time for cluster DR.
- Start number 57 was manually annotated 1 time for cluster DR.

Info for manual annotations of cluster W:

- Start number 48 was manually annotated 3 times for cluster W.
- Start number 55 was manually annotated 5 times for cluster W.

Gene Information:

Gene: 39HC_072 Start: 59989, Stop: 60708, Start Num: 36

Candidate Starts for 39HC_072:

(21, 59881), (Start: 36 @59989 has 27 MA's), (83, 60199), (85, 60208), (96, 60256), (101, 60292), (124, 60379), (142, 60493), (150, 60547),

Gene: 40BC_072 Start: 59989, Stop: 60708, Start Num: 36

Candidate Starts for 40BC_072:

(21, 59881), (Start: 36 @59989 has 27 MA's), (83, 60199), (85, 60208), (96, 60256), (101, 60292), (124, 60379), (142, 60493), (150, 60547),

Gene: ABU_74 Start: 60089, Stop: 60691, Start Num: 32

Candidate Starts for ABU_74:

(Start: 32 @60089 has 280 MA's), (Start: 55 @60143 has 5 MA's), (Start: 62 @60173 has 1 MA's), (67, 60200), (68, 60206), (73, 60242), (75, 60248), (79, 60260), (85, 60314), (89, 60341), (92, 60347), (101, 60395), (106, 60410),

Gene: Abinghost_77 Start: 59845, Stop: 60372, Start Num: 48

Candidate Starts for Abinghost_77:

(Start: 48 @59845 has 53 MA's), (Start: 62 @59893 has 1 MA's), (64, 59902), (68, 59929), (73, 59965), (80, 59989), (109, 60145), (115, 60166), (127, 60223), (137, 60265), (140, 60286),

Gene: AbsoluteMadLad_74 Start: 60044, Stop: 60646, Start Num: 32

Candidate Starts for AbsoluteMadLad_74:

(Start: 32 @60044 has 280 MA's), (Start: 55 @60098 has 5 MA's), (Start: 62 @60128 has 1 MA's), (67, 60155), (68, 60161), (73, 60197), (75, 60203), (79, 60215), (85, 60269), (89, 60296), (92, 60302), (101, 60350), (106, 60365),

Gene: Acadian_75 Start: 60935, Stop: 61444, Start Num: 58

Candidate Starts for Acadian_75:

(Start: 58 @60935 has 9 MA's), (Start: 60 @60959 has 1 MA's), (64, 60974), (68, 60998), (70, 61025), (75, 61040), (76, 61043), (81, 61061), (90, 61139), (92, 61145), (94, 61151), (101, 61193), (115, 61238), (122, 61259), (141, 61376),

Gene: Adriana_75 Start: 60624, Stop: 61226, Start Num: 32

Candidate Starts for Adriana_75:

(Start: 32 @60624 has 280 MA's), (Start: 55 @60678 has 5 MA's), (Start: 62 @60708 has 1 MA's), (67, 60735), (68, 60741), (73, 60777), (75, 60783), (79, 60795), (85, 60849), (89, 60876), (92, 60882), (101, 60930), (106, 60945),

Gene: Aelin_74 Start: 59564, Stop: 60169, Start Num: 32

Candidate Starts for Aelin_74:

(Start: 32 @59564 has 280 MA's), (Start: 55 @59618 has 5 MA's), (Start: 62 @59648 has 1 MA's), (67, 59675), (68, 59681), (73, 59717), (75, 59723), (79, 59735), (85, 59789), (89, 59816), (92, 59822), (101, 59870), (106, 59885),

Gene: Ahwei_69 Start: 60036, Stop: 60599, Start Num: 36

Candidate Starts for Ahwei_69:

(2, 59367), (4, 59553), (5, 59559), (9, 59727), (10, 59739), (Start: 22 @59943 has 1 MA's), (23, 59946), (Start: 36 @60036 has 27 MA's), (Start: 62 @60108 has 1 MA's), (68, 60141), (73, 60177), (77, 60189), (82, 60228), (85, 60249), (86, 60255), (92, 60285), (93, 60288), (101, 60333), (124, 60420), (142, 60534),

Gene: Akoma_77 Start: 59885, Stop: 60412, Start Num: 48

Candidate Starts for Akoma_77:

(Start: 48 @59885 has 53 MA's), (Start: 62 @59933 has 1 MA's), (64, 59942), (68, 59969), (73, 60005), (80, 60029), (85, 60077), (109, 60185), (115, 60206), (127, 60263), (137, 60305), (140, 60326),

Gene: AksarBAT_74 Start: 54780, Stop: 55487, Start Num: 57

Candidate Starts for AksarBAT_74:

(Start: 57 @54780 has 1 MA's), (68, 54843), (73, 54879), (76, 54888), (87, 54960), (88, 54975), (91, 54984), (96, 54999), (113, 55071), (116, 55080), (124, 55122), (134, 55158), (137, 55182), (146, 55278), (164, 55419),

Gene: AlanGrant_75 Start: 62410, Stop: 62985, Start Num: 36

Candidate Starts for AlanGrant_75:

(Start: 36 @62410 has 27 MA's), (59, 62455), (Start: 62 @62473 has 1 MA's), (68, 62506), (73, 62542), (82, 62593), (83, 62605), (85, 62614), (87, 62623), (91, 62647), (101, 62698), (105, 62707), (128, 62803), (142, 62899), (159, 62974),

Gene: Aleia_74 Start: 59731, Stop: 60333, Start Num: 32

Candidate Starts for Aleia_74:

(Start: 32 @59731 has 280 MA's), (Start: 55 @59785 has 5 MA's), (Start: 62 @59815 has 1 MA's), (67, 59842), (68, 59848), (73, 59884), (75, 59890), (79, 59902), (85, 59956), (89, 59983), (92, 59989), (101, 60037), (106, 60052),

Gene: Allegro_69 Start: 57773, Stop: 58486, Start Num: 37

Candidate Starts for Allegro_69:

(28, 57716), (31, 57746), (Start: 37 @57773 has 37 MA's), (64, 57851), (73, 57914), (78, 57929), (85, 57986), (88, 58010), (91, 58019), (103, 58073), (108, 58091), (112, 58100), (125, 58166), (131, 58187), (165, 58463),

Gene: AltPhacts_73 Start: 59132, Stop: 59734, Start Num: 32

Candidate Starts for AltPhacts_73:

(Start: 32 @59132 has 280 MA's), (Start: 55 @59186 has 5 MA's), (Start: 62 @59216 has 1 MA's), (67, 59243), (68, 59249), (73, 59285), (75, 59291), (79, 59303), (85, 59357), (89, 59384), (92, 59390), (101, 59438), (106, 59453),

Gene: Altwerkus_74 Start: 59405, Stop: 60010, Start Num: 32

Candidate Starts for Altwerkus_74:

(Start: 32 @59405 has 280 MA's), (Start: 55 @59459 has 5 MA's), (Start: 62 @59489 has 1 MA's), (67, 59516), (68, 59522), (73, 59558), (75, 59564), (79, 59576), (85, 59630), (89, 59657), (92, 59663), (101, 59711), (106, 59726),

Gene: AnClar_70 Start: 56344, Stop: 56964, Start Num: 34

Candidate Starts for AnClar_70:

(Start: 34 @56344 has 3 MA's), (39, 56371), (Start: 54 @56392 has 8 MA's), (Start: 62 @56431 has 1 MA's), (68, 56461), (80, 56521), (83, 56560), (87, 56578), (88, 56593), (92, 56605), (108, 56674), (163, 56956),

Gene: AnarQue_75 Start: 55933, Stop: 56484, Start Num: 51

Candidate Starts for AnarQue_75:

(Start: 51 @55933 has 7 MA's), (Start: 60 @55966 has 1 MA's), (68, 56002), (73, 56038), (76, 56047), (87, 56119), (88, 56134), (94, 56152), (103, 56197), (134, 56305), (137, 56329), (142, 56374), (163, 56476),

Gene: Anderson_77 Start: 59965, Stop: 60567, Start Num: 32

Candidate Starts for Anderson_77:

(Start: 32 @59965 has 280 MA's), (Start: 55 @60019 has 5 MA's), (Start: 62 @60049 has 1 MA's), (67, 60076), (68, 60082), (73, 60118), (75, 60124), (79, 60136), (85, 60190), (89, 60217), (92, 60223), (101, 60271), (106, 60286),

Gene: Andre_77 Start: 59983, Stop: 60585, Start Num: 32

Candidate Starts for Andre_77:

(Start: 32 @59983 has 280 MA's), (Start: 55 @60037 has 5 MA's), (Start: 62 @60067 has 1 MA's), (67, 60094), (68, 60100), (73, 60136), (75, 60142), (79, 60154), (85, 60208), (89, 60235), (92, 60241), (101,

60289), (106, 60304),

Gene: AngelCake_74 Start: 59711, Stop: 60316, Start Num: 32

Candidate Starts for AngelCake_74:

(Start: 32 @59711 has 280 MA's), (Start: 55 @59765 has 5 MA's), (Start: 62 @59795 has 1 MA's), (67, 59822), (68, 59828), (73, 59864), (75, 59870), (79, 59882), (85, 59936), (89, 59963), (92, 59969), (101, 60017), (106, 60032),

Gene: Antihero_69 Start: 60034, Stop: 60600, Start Num: 36

Candidate Starts for Antihero_69:

(Start: 36 @60034 has 27 MA's), (Start: 62 @60109 has 1 MA's), (68, 60142), (73, 60178), (77, 60190), (82, 60229), (85, 60250), (86, 60256), (92, 60286), (93, 60289), (101, 60334), (124, 60421), (142, 60535),

Gene: Antonia_74 Start: 59611, Stop: 60213, Start Num: 32

Candidate Starts for Antonia_74:

(Start: 32 @59611 has 280 MA's), (Start: 55 @59665 has 5 MA's), (Start: 62 @59695 has 1 MA's), (67, 59722), (68, 59728), (73, 59764), (75, 59770), (79, 59782), (85, 59836), (89, 59863), (92, 59869), (101, 59917), (106, 59932),

Gene: Aonishiki_76 Start: 59897, Stop: 60502, Start Num: 32

Candidate Starts for Aonishiki_76:

(Start: 32 @59897 has 280 MA's), (Start: 55 @59951 has 5 MA's), (Start: 62 @59981 has 1 MA's), (67, 60008), (68, 60014), (73, 60050), (75, 60056), (79, 60068), (85, 60122), (89, 60149), (92, 60155), (101, 60203), (106, 60218),

Gene: Apex_72 Start: 61139, Stop: 61705, Start Num: 36

Candidate Starts for Apex_72:

(Start: 36 @61139 has 27 MA's), (Start: 62 @61211 has 1 MA's), (68, 61244), (73, 61280), (77, 61292), (82, 61331), (85, 61352), (86, 61358), (92, 61388), (93, 61391), (101, 61436), (124, 61523),

Gene: Apizium_74 Start: 59246, Stop: 59848, Start Num: 32

Candidate Starts for Apizium_74:

(Start: 32 @59246 has 280 MA's), (Start: 55 @59300 has 5 MA's), (Start: 62 @59330 has 1 MA's), (67, 59357), (68, 59363), (73, 59399), (75, 59405), (79, 59417), (85, 59471), (89, 59498), (92, 59504), (101, 59552), (106, 59567),

Gene: Arbiter_67 Start: 57808, Stop: 58521, Start Num: 37

Candidate Starts for Arbiter_67:

(28, 57751), (31, 57781), (Start: 37 @57808 has 37 MA's), (64, 57886), (73, 57949), (78, 57964), (85, 58021), (88, 58045), (91, 58054), (103, 58108), (108, 58126), (112, 58135), (125, 58201), (131, 58222), (165, 58498),

Gene: Ares_69 Start: 57779, Stop: 58492, Start Num: 37

Candidate Starts for Ares_69:

(28, 57722), (31, 57752), (Start: 37 @57779 has 37 MA's), (64, 57857), (73, 57920), (78, 57935), (85, 57992), (88, 58016), (91, 58025), (103, 58079), (108, 58097), (112, 58106), (125, 58172), (131, 58193), (165, 58469),

Gene: Argie_3 Start: 1974, Stop: 2498, Start Num: 55

Candidate Starts for Argie_3:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85,

2157), (88, 2181), (91, 2190), (99, 2235), (104, 2250), (107, 2262), (119, 2298), (128, 2346), (129, 2352), (130, 2355), (139, 2400),

Gene: Ashraf_76 Start: 59959, Stop: 60561, Start Num: 32

Candidate Starts for Ashraf_76:

(Start: 32 @59959 has 280 MA's), (Start: 55 @60013 has 5 MA's), (Start: 62 @60043 has 1 MA's), (67, 60070), (68, 60076), (73, 60112), (75, 60118), (79, 60130), (85, 60184), (89, 60211), (92, 60217), (101, 60265), (106, 60280),

Gene: Athena_79 Start: 60620, Stop: 61147, Start Num: 48

Candidate Starts for Athena_79:

(Start: 48 @60620 has 53 MA's), (Start: 62 @60668 has 1 MA's), (64, 60677), (68, 60704), (73, 60740), (80, 60764), (85, 60812), (109, 60920), (115, 60941), (127, 60998), (137, 61040), (140, 61061),

Gene: Audrey_77 Start: 59874, Stop: 60401, Start Num: 48

Candidate Starts for Audrey_77:

(Start: 48 @59874 has 53 MA's), (Start: 62 @59922 has 1 MA's), (64, 59931), (68, 59958), (73, 59994), (80, 60018), (85, 60066), (109, 60174), (115, 60195), (127, 60252), (137, 60294), (140, 60315),

Gene: Austelle_71 Start: 61656, Stop: 62222, Start Num: 36

Candidate Starts for Austelle_71:

(Start: 36 @61656 has 27 MA's), (Start: 62 @61728 has 1 MA's), (68, 61761), (73, 61797), (77, 61809), (82, 61848), (85, 61869), (86, 61875), (92, 61905), (93, 61908), (101, 61953), (124, 62040),

Gene: Axumite_71 Start: 53845, Stop: 54387, Start Num: 54

Candidate Starts for Axumite_71:

(Start: 54 @53845 has 8 MA's), (Start: 62 @53884 has 1 MA's), (68, 53914), (73, 53950), (80, 53974), (87, 54031), (88, 54046), (91, 54055), (118, 54160), (136, 54250),

Gene: Badfish_76 Start: 60264, Stop: 60866, Start Num: 32

Candidate Starts for Badfish_76:

(Start: 32 @60264 has 280 MA's), (Start: 55 @60318 has 5 MA's), (Start: 62 @60348 has 1 MA's), (67, 60375), (68, 60381), (73, 60417), (75, 60423), (79, 60435), (85, 60489), (89, 60516), (92, 60522), (101, 60570), (106, 60585),

Gene: Bae_74 Start: 61634, Stop: 62143, Start Num: 58

Candidate Starts for Bae_74:

(Start: 58 @61634 has 9 MA's), (Start: 60 @61658 has 1 MA's), (64, 61673), (68, 61697), (70, 61724), (74, 61736), (75, 61739), (76, 61742), (81, 61760), (90, 61838), (92, 61844), (94, 61850), (99, 61886), (101, 61892), (114, 61931), (115, 61937), (122, 61958), (125, 61988), (141, 62075),

Gene: Baloo_76 Start: 59726, Stop: 60253, Start Num: 48

Candidate Starts for Baloo_76:

(Start: 48 @59726 has 53 MA's), (Start: 62 @59774 has 1 MA's), (64, 59783), (68, 59810), (73, 59846), (80, 59870), (85, 59918), (109, 60026), (115, 60047), (127, 60104), (137, 60146), (140, 60167),

Gene: Bananafish_70 Start: 57709, Stop: 58422, Start Num: 37

Candidate Starts for Bananafish_70:

(28, 57652), (31, 57682), (Start: 37 @57709 has 37 MA's), (64, 57787), (73, 57850), (78, 57865), (85, 57922), (88, 57946), (91, 57955), (103, 58009), (108, 58027), (112, 58036), (125, 58102), (131, 58123), (165, 58399),

Gene: Banjo_72 Start: 59553, Stop: 60155, Start Num: 32

Candidate Starts for Banjo_72:

(Start: 32 @59553 has 280 MA's), (Start: 55 @59607 has 5 MA's), (Start: 62 @59637 has 1 MA's), (67, 59664), (68, 59670), (73, 59706), (75, 59712), (79, 59724), (85, 59778), (89, 59805), (92, 59811), (101, 59859), (106, 59874),

Gene: Basato_74 Start: 59826, Stop: 60428, Start Num: 32

Candidate Starts for Basato_74:

(Start: 32 @59826 has 280 MA's), (Start: 55 @59880 has 5 MA's), (Start: 62 @59910 has 1 MA's), (67, 59937), (68, 59943), (73, 59979), (75, 59985), (79, 59997), (85, 60051), (89, 60078), (92, 60084), (101, 60132), (106, 60147),

Gene: BatteryCK_73 Start: 59523, Stop: 60128, Start Num: 32

Candidate Starts for BatteryCK_73:

(Start: 32 @59523 has 280 MA's), (Start: 55 @59577 has 5 MA's), (Start: 62 @59607 has 1 MA's), (67, 59634), (68, 59640), (73, 59676), (75, 59682), (79, 59694), (85, 59748), (89, 59775), (92, 59781), (101, 59829), (106, 59844),

Gene: Beaglebox_72 Start: 59664, Stop: 60266, Start Num: 32

Candidate Starts for Beaglebox_72:

(Start: 32 @59664 has 280 MA's), (Start: 55 @59718 has 5 MA's), (Start: 62 @59748 has 1 MA's), (67, 59775), (68, 59781), (73, 59817), (75, 59823), (79, 59835), (85, 59889), (89, 59916), (92, 59922), (101, 59970), (106, 59985),

Gene: Ben11_77 Start: 60101, Stop: 60628, Start Num: 48

Candidate Starts for Ben11_77:

(Start: 48 @60101 has 53 MA's), (Start: 62 @60149 has 1 MA's), (64, 60158), (68, 60185), (73, 60221), (80, 60245), (85, 60293), (109, 60401), (115, 60422), (127, 60479), (137, 60521), (140, 60542),

Gene: Bernardo_78 Start: 60064, Stop: 60591, Start Num: 48

Candidate Starts for Bernardo_78:

(Start: 48 @60064 has 53 MA's), (Start: 62 @60112 has 1 MA's), (64, 60121), (68, 60148), (73, 60184), (80, 60208), (85, 60256), (109, 60364), (115, 60385), (127, 60442), (137, 60484), (140, 60505),

Gene: BiggityBass_71 Start: 56164, Stop: 56736, Start Num: 54

Candidate Starts for BiggityBass_71:

(31, 56098), (Start: 54 @56164 has 8 MA's), (Start: 62 @56203 has 1 MA's), (68, 56233), (80, 56293), (83, 56332), (87, 56350), (88, 56365), (108, 56446), (163, 56728),

Gene: BirdsNest_86 Start: 63709, Stop: 64260, Start Num: 41

Candidate Starts for BirdsNest_86:

(29, 63649), (Start: 41 @63709 has 2 MA's), (68, 63805), (72, 63838), (76, 63850), (83, 63904), (85, 63913), (92, 63946), (101, 63994), (111, 64021), (124, 64081), (127, 64096), (132, 64111), (144, 64210),

Gene: Bishoperium_75 Start: 60105, Stop: 60707, Start Num: 32

Candidate Starts for Bishoperium_75:

(Start: 32 @60105 has 280 MA's), (Start: 55 @60159 has 5 MA's), (Start: 62 @60189 has 1 MA's), (67, 60216), (68, 60222), (73, 60258), (75, 60264), (79, 60276), (85, 60330), (89, 60357), (92, 60363), (101, 60411), (106, 60426),

Gene: BlackStallion_76 Start: 59973, Stop: 60575, Start Num: 32

Candidate Starts for BlackStallion_76:

(Start: 32 @59973 has 280 MA's), (Start: 55 @60027 has 5 MA's), (Start: 62 @60057 has 1 MA's), (67, 60084), (68, 60090), (73, 60126), (75, 60132), (79, 60144), (85, 60198), (89, 60225), (92, 60231), (101, 60279), (106, 60294),

Gene: Blackpen_72 Start: 54390, Stop: 54941, Start Num: 51

Candidate Starts for Blackpen_72:

(Start: 51 @54390 has 7 MA's), (Start: 60 @54423 has 1 MA's), (68, 54459), (73, 54495), (76, 54504), (83, 54558), (87, 54576), (88, 54591), (94, 54609), (103, 54654), (134, 54762), (137, 54786), (142, 54831), (163, 54933),

Gene: BlacksBerry_75 Start: 59480, Stop: 60082, Start Num: 32

Candidate Starts for BlacksBerry_75:

(Start: 32 @59480 has 280 MA's), (Start: 55 @59534 has 5 MA's), (Start: 62 @59564 has 1 MA's), (67, 59591), (68, 59597), (73, 59633), (75, 59639), (79, 59651), (85, 59705), (89, 59732), (92, 59738), (101, 59786), (106, 59801),

Gene: Blocker23_69 Start: 57774, Stop: 58487, Start Num: 37

Candidate Starts for Blocker23_69:

(28, 57717), (31, 57747), (Start: 37 @57774 has 37 MA's), (64, 57852), (73, 57915), (78, 57930), (85, 57987), (88, 58011), (91, 58020), (103, 58074), (108, 58092), (112, 58101), (125, 58167), (131, 58188), (165, 58464),

Gene: BlueHusk_76 Start: 59600, Stop: 60202, Start Num: 32

Candidate Starts for BlueHusk_76:

(Start: 32 @59600 has 280 MA's), (Start: 55 @59654 has 5 MA's), (Start: 62 @59684 has 1 MA's), (67, 59711), (68, 59717), (73, 59753), (75, 59759), (79, 59771), (85, 59825), (89, 59852), (92, 59858), (101, 59906), (106, 59921),

Gene: Bluephacebaby_74 Start: 60138, Stop: 60740, Start Num: 32

Candidate Starts for Bluephacebaby_74:

(Start: 32 @60138 has 280 MA's), (Start: 55 @60192 has 5 MA's), (Start: 62 @60222 has 1 MA's), (67, 60249), (68, 60255), (73, 60291), (75, 60297), (79, 60309), (85, 60363), (89, 60390), (92, 60396), (101, 60444), (106, 60459),

Gene: BobRoss2024_74 Start: 55048, Stop: 55590, Start Num: 42

Candidate Starts for BobRoss2024_74:

(26, 54952), (27, 54961), (30, 54997), (Start: 42 @55048 has 1 MA's), (68, 55138), (85, 55246), (87, 55255), (88, 55270), (91, 55279), (137, 55471),

Gene: BobbyK_72 Start: 60916, Stop: 61476, Start Num: 36

Candidate Starts for BobbyK_72:

(5, 60439), (7, 60562), (9, 60607), (10, 60619), (Start: 22 @60823 has 1 MA's), (23, 60826), (Start: 36 @60916 has 27 MA's), (Start: 62 @60988 has 1 MA's), (68, 61021), (73, 61057), (77, 61069), (82, 61108), (85, 61129), (86, 61135), (92, 61165), (93, 61168), (101, 61213), (124, 61300),

Gene: Boehler_74 Start: 59756, Stop: 60358, Start Num: 32

Candidate Starts for Boehler_74:

(Start: 32 @59756 has 280 MA's), (Start: 55 @59810 has 5 MA's), (Start: 62 @59840 has 1 MA's), (67, 59867), (68, 59873), (73, 59909), (75, 59915), (79, 59927), (85, 59981), (89, 60008), (92, 60014), (101, 60062), (106, 60077),

Gene: BoogieWoogie_74 Start: 59571, Stop: 60173, Start Num: 32

Candidate Starts for BoogieWoogie_74:

(Start: 32 @59571 has 280 MA's), (Start: 55 @59625 has 5 MA's), (Start: 62 @59655 has 1 MA's), (67, 59682), (68, 59688), (73, 59724), (75, 59730), (79, 59742), (85, 59796), (89, 59823), (92, 59829), (101, 59877), (106, 59892),

Gene: Boyle_69 Start: 57818, Stop: 58531, Start Num: 37

Candidate Starts for Boyle_69:

(28, 57761), (31, 57791), (Start: 37 @57818 has 37 MA's), (64, 57896), (73, 57959), (78, 57974), (85, 58031), (88, 58055), (91, 58064), (103, 58118), (108, 58136), (125, 58211), (131, 58232), (165, 58508),

Gene: Briakila_77 Start: 60072, Stop: 60599, Start Num: 48

Candidate Starts for Briakila_77:

(Start: 48 @60072 has 53 MA's), (Start: 62 @60120 has 1 MA's), (64, 60129), (68, 60156), (73, 60192), (80, 60216), (109, 60372), (115, 60393), (127, 60450), (137, 60492), (140, 60513),

Gene: Brilliant_78 Start: 60119, Stop: 60721, Start Num: 32

Candidate Starts for Brilliant_78:

(Start: 32 @60119 has 280 MA's), (Start: 55 @60173 has 5 MA's), (Start: 62 @60203 has 1 MA's), (67, 60230), (68, 60236), (73, 60272), (75, 60278), (79, 60290), (85, 60344), (89, 60371), (92, 60377), (101, 60425), (106, 60440),

Gene: BrownCNA_73 Start: 61353, Stop: 61919, Start Num: 36

Candidate Starts for BrownCNA_73:

(1, 60552), (3, 60624), (5, 60813), (7, 60936), (9, 60981), (10, 60993), (14, 61113), (Start: 22 @61260 has 1 MA's), (23, 61263), (Start: 36 @61353 has 27 MA's), (Start: 62 @61425 has 1 MA's), (68, 61458), (73, 61494), (77, 61506), (82, 61545), (85, 61566), (86, 61572), (92, 61602), (93, 61605), (101, 61650), (124, 61737), (142, 61851),

Gene: Brownie5_69 Start: 57819, Stop: 58532, Start Num: 37

Candidate Starts for Brownie5_69:

(28, 57762), (31, 57792), (Start: 37 @57819 has 37 MA's), (64, 57897), (73, 57960), (78, 57975), (85, 58032), (88, 58056), (91, 58065), (103, 58119), (108, 58137), (112, 58146), (125, 58212), (131, 58233), (165, 58509),

Gene: Buckeye_75 Start: 60652, Stop: 61254, Start Num: 32

Candidate Starts for Buckeye_75:

(Start: 32 @60652 has 280 MA's), (Start: 55 @60706 has 5 MA's), (Start: 62 @60736 has 1 MA's), (67, 60763), (68, 60769), (73, 60805), (75, 60811), (79, 60823), (85, 60877), (89, 60904), (92, 60910), (101, 60958), (106, 60973),

Gene: Burr_75 Start: 59571, Stop: 60173, Start Num: 32

Candidate Starts for Burr_75:

(Start: 32 @59571 has 280 MA's), (Start: 55 @59625 has 5 MA's), (Start: 62 @59655 has 1 MA's), (67, 59682), (68, 59688), (73, 59724), (75, 59730), (79, 59742), (85, 59796), (89, 59823), (92, 59829), (101, 59877), (106, 59892),

Gene: CRB2_75 Start: 63570, Stop: 64121, Start Num: 47

Candidate Starts for CRB2_75:

(Start: 36 @63555 has 27 MA's), (Start: 47 @63570 has 2 MA's), (68, 63651), (73, 63687), (76, 63696), (85, 63759), (101, 63843), (106, 63858), (124, 63930), (126, 63942), (127, 63945), (142, 64044),

Gene: CaiB_73 Start: 55732, Stop: 56247, Start Num: 51

Candidate Starts for CaiB_73:

(Start: 51 @55732 has 7 MA's), (Start: 60 @55765 has 1 MA's), (68, 55801), (73, 55837), (76, 55846), (83, 55900), (87, 55918), (88, 55933), (94, 55951), (103, 55996), (106, 56008), (134, 56104), (137, 56128), (142, 56173),

Gene: Calamitous_70 Start: 57708, Stop: 58421, Start Num: 37

Candidate Starts for Calamitous_70:

(28, 57651), (31, 57681), (Start: 37 @57708 has 37 MA's), (64, 57786), (73, 57849), (78, 57864), (85, 57921), (88, 57945), (91, 57954), (103, 58008), (108, 58026), (112, 58035), (125, 58101), (131, 58122), (165, 58398),

Gene: CamL_75 Start: 59876, Stop: 60481, Start Num: 32

Candidate Starts for CamL_75:

(Start: 32 @59876 has 280 MA's), (Start: 55 @59930 has 5 MA's), (Start: 62 @59960 has 1 MA's), (67, 59987), (68, 59993), (73, 60029), (75, 60035), (79, 60047), (85, 60101), (89, 60128), (92, 60134), (101, 60182), (106, 60197),

Gene: CampRoach_76 Start: 59983, Stop: 60588, Start Num: 32

Candidate Starts for CampRoach_76:

(Start: 32 @59983 has 280 MA's), (Start: 55 @60037 has 5 MA's), (Start: 62 @60067 has 1 MA's), (67, 60094), (68, 60100), (73, 60136), (75, 60142), (79, 60154), (85, 60208), (89, 60235), (92, 60241), (101, 60289), (106, 60304),

Gene: Cannibal_76 Start: 59989, Stop: 60594, Start Num: 32

Candidate Starts for Cannibal_76:

(Start: 32 @59989 has 280 MA's), (Start: 55 @60043 has 5 MA's), (Start: 62 @60073 has 1 MA's), (67, 60100), (68, 60106), (73, 60142), (75, 60148), (79, 60160), (85, 60214), (89, 60241), (92, 60247), (101, 60295), (106, 60310),

Gene: Carthage_75 Start: 59458, Stop: 60063, Start Num: 32

Candidate Starts for Carthage_75:

(Start: 32 @59458 has 280 MA's), (Start: 55 @59512 has 5 MA's), (Start: 62 @59542 has 1 MA's), (67, 59569), (68, 59575), (73, 59611), (75, 59617), (79, 59629), (85, 59683), (89, 59710), (92, 59716), (101, 59764), (106, 59779),

Gene: Casbah_77 Start: 60185, Stop: 60712, Start Num: 48

Candidate Starts for Casbah_77:

(Start: 48 @60185 has 53 MA's), (Start: 62 @60233 has 1 MA's), (64, 60242), (68, 60269), (73, 60305), (80, 60329), (109, 60485), (115, 60506), (127, 60563), (137, 60605), (140, 60626),

Gene: Caspiboi_74 Start: 59825, Stop: 60427, Start Num: 32

Candidate Starts for Caspiboi_74:

(Start: 32 @59825 has 280 MA's), (Start: 55 @59879 has 5 MA's), (Start: 62 @59909 has 1 MA's), (67, 59936), (68, 59942), (73, 59978), (75, 59984), (79, 59996), (85, 60050), (89, 60077), (92, 60083), (101, 60131), (106, 60146),

Gene: Causa_121 Start: 78550, Stop: 79053, Start Num: 54

Candidate Starts for Causa_121:

(Start: 54 @78550 has 8 MA's), (71, 78649), (88, 78751), (101, 78811), (134, 78937),

Gene: Cepens_3 Start: 1962, Stop: 2498, Start Num: 48

Candidate Starts for Cepens_3:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85,

2157), (88, 2181), (91, 2190), (99, 2235), (104, 2250), (107, 2262), (119, 2298), (129, 2352), (130, 2355), (139, 2400),

Gene: ChaChing_77 Start: 59890, Stop: 60417, Start Num: 48

Candidate Starts for ChaChing_77:

(Start: 48 @59890 has 53 MA's), (Start: 62 @59938 has 1 MA's), (64, 59947), (68, 59974), (73, 60010), (80, 60034), (85, 60082), (109, 60190), (115, 60211), (127, 60268), (137, 60310), (140, 60331),

Gene: Chaelin_76 Start: 60119, Stop: 60721, Start Num: 32

Candidate Starts for Chaelin_76:

(Start: 32 @60119 has 280 MA's), (Start: 55 @60173 has 5 MA's), (Start: 62 @60203 has 1 MA's), (67, 60230), (68, 60236), (73, 60272), (75, 60278), (79, 60290), (85, 60344), (89, 60371), (92, 60377), (101, 60425), (106, 60440),

Gene: Chah_77 Start: 59707, Stop: 60309, Start Num: 32

Candidate Starts for Chah_77:

(Start: 32 @59707 has 280 MA's), (Start: 55 @59761 has 5 MA's), (Start: 62 @59791 has 1 MA's), (67, 59818), (68, 59824), (73, 59860), (75, 59866), (79, 59878), (85, 59932), (89, 59959), (92, 59965), (101, 60013), (106, 60028),

Gene: Chalmers_76 Start: 60320, Stop: 60847, Start Num: 48

Candidate Starts for Chalmers_76:

(Start: 48 @60320 has 53 MA's), (Start: 62 @60368 has 1 MA's), (64, 60377), (68, 60404), (73, 60440), (80, 60464), (109, 60620), (115, 60641), (127, 60698), (137, 60740), (140, 60761),

Gene: Chandler_77 Start: 60661, Stop: 61188, Start Num: 48

Candidate Starts for Chandler_77:

(Start: 48 @60661 has 53 MA's), (Start: 62 @60709 has 1 MA's), (64, 60718), (68, 60745), (73, 60781), (80, 60805), (109, 60961), (115, 60982), (127, 61039), (137, 61081), (140, 61102),

Gene: Charles1_76 Start: 59894, Stop: 60496, Start Num: 32

Candidate Starts for Charles1_76:

(Start: 32 @59894 has 280 MA's), (Start: 55 @59948 has 5 MA's), (Start: 62 @59978 has 1 MA's), (67, 60005), (68, 60011), (73, 60047), (75, 60053), (79, 60065), (85, 60119), (89, 60146), (92, 60152), (101, 60200), (106, 60215),

Gene: CharlieGBrown_73 Start: 59501, Stop: 60103, Start Num: 32

Candidate Starts for CharlieGBrown_73:

(Start: 32 @59501 has 280 MA's), (Start: 55 @59555 has 5 MA's), (Start: 62 @59585 has 1 MA's), (67, 59612), (68, 59618), (73, 59654), (75, 59660), (79, 59672), (85, 59726), (89, 59753), (92, 59759), (101, 59807), (106, 59822),

Gene: CharlottesWeb_69 Start: 53105, Stop: 53605, Start Num: 54

Candidate Starts for CharlottesWeb_69:

(Start: 54 @53105 has 8 MA's), (Start: 62 @53144 has 1 MA's), (68, 53174), (72, 53207), (73, 53210), (80, 53234), (82, 53261), (87, 53291), (94, 53324), (113, 53402), (118, 53420),

Gene: CheetO_74 Start: 59821, Stop: 60423, Start Num: 32

Candidate Starts for CheetO_74:

(Start: 32 @59821 has 280 MA's), (Start: 55 @59875 has 5 MA's), (Start: 62 @59905 has 1 MA's), (67, 59932), (68, 59938), (73, 59974), (75, 59980), (79, 59992), (85, 60046), (89, 60073), (92, 60079), (101, 60127), (106, 60142),

Gene: Chentzyk_79 Start: 60828, Stop: 61355, Start Num: 48

Candidate Starts for Chentzyk_79:

(Start: 48 @60828 has 53 MA's), (Start: 62 @60876 has 1 MA's), (64, 60885), (68, 60912), (73, 60948), (80, 60972), (85, 61020), (109, 61128), (115, 61149), (127, 61206), (137, 61248), (140, 61269),

Gene: Cher_75 Start: 60082, Stop: 60684, Start Num: 32

Candidate Starts for Cher_75:

(Start: 32 @60082 has 280 MA's), (Start: 55 @60136 has 5 MA's), (Start: 62 @60166 has 1 MA's), (67, 60193), (68, 60199), (73, 60235), (75, 60241), (79, 60253), (85, 60307), (89, 60334), (92, 60340), (101, 60388), (106, 60403),

Gene: Childish_75 Start: 60283, Stop: 60885, Start Num: 32

Candidate Starts for Childish_75:

(Start: 32 @60283 has 280 MA's), (Start: 55 @60337 has 5 MA's), (Start: 62 @60367 has 1 MA's), (67, 60394), (68, 60400), (73, 60436), (75, 60442), (79, 60454), (85, 60508), (89, 60535), (92, 60541), (101, 60589), (106, 60604),

Gene: Chipette_74 Start: 59820, Stop: 60422, Start Num: 32

Candidate Starts for Chipette_74:

(Start: 32 @59820 has 280 MA's), (Start: 55 @59874 has 5 MA's), (Start: 62 @59904 has 1 MA's), (67, 59931), (68, 59937), (73, 59973), (75, 59979), (79, 59991), (85, 60045), (89, 60072), (92, 60078), (101, 60126), (106, 60141),

Gene: Chorkpop_76 Start: 59743, Stop: 60348, Start Num: 32

Candidate Starts for Chorkpop_76:

(Start: 32 @59743 has 280 MA's), (Start: 55 @59797 has 5 MA's), (Start: 62 @59827 has 1 MA's), (67, 59854), (68, 59860), (73, 59896), (75, 59902), (79, 59914), (85, 59968), (89, 59995), (92, 60001), (101, 60049), (106, 60064),

Gene: ChrisnMich_71 Start: 60018, Stop: 60581, Start Num: 36

Candidate Starts for ChrisnMich_71:

(5, 59541), (9, 59709), (10, 59721), (Start: 22 @59925 has 1 MA's), (23, 59928), (Start: 36 @60018 has 27 MA's), (Start: 62 @60090 has 1 MA's), (68, 60123), (73, 60159), (77, 60171), (82, 60210), (85, 60231), (86, 60237), (92, 60267), (93, 60270), (101, 60315), (124, 60402), (142, 60516),

Gene: Chuni_76 Start: 60335, Stop: 60937, Start Num: 32

Candidate Starts for Chuni_76:

(Start: 32 @60335 has 280 MA's), (Start: 55 @60389 has 5 MA's), (Start: 62 @60419 has 1 MA's), (67, 60446), (68, 60452), (73, 60488), (75, 60494), (79, 60506), (85, 60560), (89, 60587), (92, 60593), (101, 60641), (106, 60656),

Gene: Chunky_75 Start: 59417, Stop: 60019, Start Num: 32

Candidate Starts for Chunky_75:

(Start: 32 @59417 has 280 MA's), (Start: 55 @59471 has 5 MA's), (Start: 62 @59501 has 1 MA's), (67, 59528), (68, 59534), (73, 59570), (75, 59576), (79, 59588), (85, 59642), (89, 59669), (92, 59675), (101, 59723), (106, 59738),

Gene: Chute_75 Start: 60135, Stop: 60740, Start Num: 32

Candidate Starts for Chute_75:

(Start: 32 @60135 has 280 MA's), (Start: 55 @60189 has 5 MA's), (Start: 62 @60219 has 1 MA's), (67, 60246), (68, 60252), (73, 60288), (75, 60294), (79, 60306), (85, 60360), (89, 60387), (92, 60393), (101, 60441), (106, 60456),

Gene: CloverMinnie_72 Start: 54898, Stop: 55449, Start Num: 51

Candidate Starts for CloverMinnie_72:

(Start: 51 @54898 has 7 MA's), (Start: 60 @54931 has 1 MA's), (68, 54967), (73, 55003), (76, 55012), (83, 55066), (87, 55084), (88, 55099), (94, 55117), (103, 55162), (134, 55270), (137, 55294), (142, 55339), (163, 55441),

Gene: Cobra_75 Start: 60116, Stop: 60718, Start Num: 32

Candidate Starts for Cobra_75:

(Start: 32 @60116 has 280 MA's), (Start: 55 @60170 has 5 MA's), (Start: 62 @60200 has 1 MA's), (67, 60227), (68, 60233), (73, 60269), (75, 60275), (79, 60287), (85, 60341), (89, 60368), (92, 60374), (101, 60422), (106, 60437),

Gene: Coffee_69 Start: 57812, Stop: 58525, Start Num: 37

Candidate Starts for Coffee_69:

(28, 57755), (31, 57785), (Start: 37 @57812 has 37 MA's), (64, 57890), (73, 57953), (78, 57968), (85, 58025), (88, 58049), (91, 58058), (103, 58112), (108, 58130), (112, 58139), (125, 58205), (131, 58226), (165, 58502),

Gene: Colbert_73 Start: 59166, Stop: 59768, Start Num: 32

Candidate Starts for Colbert_73:

(Start: 32 @59166 has 280 MA's), (Start: 55 @59220 has 5 MA's), (Start: 62 @59250 has 1 MA's), (67, 59277), (68, 59283), (73, 59319), (75, 59325), (79, 59337), (85, 59391), (89, 59418), (92, 59424), (101, 59472), (106, 59487),

Gene: Coldpizza_65 Start: 54096, Stop: 54623, Start Num: 50

Candidate Starts for Coldpizza_65:

(Start: 50 @54096 has 7 MA's), (Start: 62 @54135 has 1 MA's), (68, 54165), (73, 54201), (76, 54210), (84, 54270), (88, 54297), (91, 54306), (95, 54318), (96, 54321), (99, 54351), (108, 54378), (137, 54498), (161, 54618),

Gene: Coletti_78 Start: 60638, Stop: 61243, Start Num: 32

Candidate Starts for Coletti_78:

(Start: 32 @60638 has 280 MA's), (Start: 55 @60692 has 5 MA's), (Start: 62 @60722 has 1 MA's), (67, 60749), (68, 60755), (73, 60791), (75, 60797), (79, 60809), (85, 60863), (89, 60890), (92, 60896), (101, 60944), (106, 60959),

Gene: Compostia_76 Start: 60330, Stop: 60857, Start Num: 48

Candidate Starts for Compostia_76:

(Start: 48 @60330 has 53 MA's), (Start: 62 @60378 has 1 MA's), (64, 60387), (68, 60414), (73, 60450), (80, 60474), (85, 60522), (109, 60630), (115, 60651), (127, 60708), (137, 60750), (140, 60771),

Gene: Cooper_73 Start: 60743, Stop: 61321, Start Num: 36

Candidate Starts for Cooper_73:

(Start: 36 @60743 has 27 MA's), (40, 60758), (67, 60854), (68, 60860), (77, 60908), (82, 60947), (85, 60968), (86, 60974), (93, 61007), (94, 61010), (101, 61052), (124, 61139), (126, 61151), (142, 61253),

Gene: Cornbread_74 Start: 59773, Stop: 60375, Start Num: 32

Candidate Starts for Cornbread_74:

(Start: 32 @59773 has 280 MA's), (Start: 55 @59827 has 5 MA's), (Start: 62 @59857 has 1 MA's), (67, 59884), (68, 59890), (73, 59926), (75, 59932), (79, 59944), (85, 59998), (89, 60025), (92, 60031), (101, 60079), (106, 60094),

Gene: Cornobble_73 Start: 59601, Stop: 60206, Start Num: 32

Candidate Starts for Cornobble_73:

(Start: 32 @59601 has 280 MA's), (Start: 55 @59655 has 5 MA's), (Start: 62 @59685 has 1 MA's), (67, 59712), (68, 59718), (73, 59754), (75, 59760), (79, 59772), (85, 59826), (89, 59853), (92, 59859), (101, 59907), (106, 59922),

Gene: Corofin_77 Start: 59896, Stop: 60423, Start Num: 48

Candidate Starts for Corofin_77:

(Start: 48 @59896 has 53 MA's), (Start: 62 @59944 has 1 MA's), (64, 59953), (68, 59980), (73, 60016), (80, 60040), (85, 60088), (109, 60196), (115, 60217), (127, 60274), (137, 60316), (140, 60337),

Gene: Cosmolli16_77 Start: 60461, Stop: 61063, Start Num: 32

Candidate Starts for Cosmolli16_77:

(Start: 32 @60461 has 280 MA's), (Start: 55 @60515 has 5 MA's), (Start: 62 @60545 has 1 MA's), (67, 60572), (68, 60578), (73, 60614), (75, 60620), (79, 60632), (85, 60686), (89, 60713), (92, 60719), (101, 60767), (106, 60782),

Gene: Craff_77 Start: 60504, Stop: 61106, Start Num: 32

Candidate Starts for Craff_77:

(Start: 32 @60504 has 280 MA's), (Start: 55 @60558 has 5 MA's), (Start: 62 @60588 has 1 MA's), (67, 60615), (68, 60621), (73, 60657), (75, 60663), (79, 60675), (85, 60729), (89, 60756), (92, 60762), (101, 60810), (106, 60825),

Gene: Crownjwl_73 Start: 59596, Stop: 60198, Start Num: 32

Candidate Starts for Crownjwl_73:

(Start: 32 @59596 has 280 MA's), (Start: 55 @59650 has 5 MA's), (Start: 62 @59680 has 1 MA's), (67, 59707), (68, 59713), (73, 59749), (75, 59755), (79, 59767), (85, 59821), (89, 59848), (92, 59854), (101, 59902), (106, 59917),

Gene: D12_03 Start: 1962, Stop: 2498, Start Num: 48

Candidate Starts for D12_03:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85, 2157), (88, 2181), (91, 2190), (99, 2235), (104, 2250), (107, 2262), (119, 2298), (129, 2352), (130, 2355), (139, 2400),

Gene: DaddyDaniels_78 Start: 60228, Stop: 60830, Start Num: 32

Candidate Starts for DaddyDaniels_78:

(Start: 32 @60228 has 280 MA's), (Start: 55 @60282 has 5 MA's), (Start: 62 @60312 has 1 MA's), (67, 60339), (68, 60345), (73, 60381), (75, 60387), (79, 60399), (85, 60453), (89, 60480), (92, 60486), (101, 60534), (106, 60549),

Gene: Daffy_74 Start: 59728, Stop: 60333, Start Num: 32

Candidate Starts for Daffy_74:

(Start: 32 @59728 has 280 MA's), (Start: 55 @59782 has 5 MA's), (Start: 62 @59812 has 1 MA's), (67, 59839), (68, 59845), (73, 59881), (75, 59887), (79, 59899), (85, 59953), (89, 59980), (92, 59986), (101, 60034), (106, 60049),

Gene: Daisy_76 Start: 59447, Stop: 59974, Start Num: 48

Candidate Starts for Daisy_76:

(Start: 48 @59447 has 53 MA's), (Start: 62 @59495 has 1 MA's), (64, 59504), (68, 59531), (73, 59567), (80, 59591), (85, 59639), (109, 59747), (115, 59768), (127, 59825), (137, 59867), (140, 59888),

Gene: Daka_77 Start: 60089, Stop: 60691, Start Num: 32

Candidate Starts for Daka_77:

(Start: 32 @60089 has 280 MA's), (Start: 55 @60143 has 5 MA's), (Start: 62 @60173 has 1 MA's), (67, 60200), (68, 60206), (73, 60242), (75, 60248), (79, 60260), (85, 60314), (89, 60341), (92, 60347), (101, 60395), (106, 60410),

Gene: Dati_72 Start: 59901, Stop: 60506, Start Num: 32

Candidate Starts for Dati_72:

(Start: 32 @59901 has 280 MA's), (Start: 55 @59955 has 5 MA's), (Start: 62 @59985 has 1 MA's), (67, 60012), (68, 60018), (73, 60054), (75, 60060), (79, 60072), (85, 60126), (89, 60153), (92, 60159), (101, 60207), (106, 60222),

Gene: Deenasa_77 Start: 60796, Stop: 61323, Start Num: 48

Candidate Starts for Deenasa_77:

(Start: 48 @60796 has 53 MA's), (Start: 62 @60844 has 1 MA's), (64, 60853), (68, 60880), (73, 60916), (80, 60940), (85, 60988), (109, 61096), (115, 61117), (127, 61174), (137, 61216), (140, 61237),

Gene: DelRivs_73 Start: 59544, Stop: 60146, Start Num: 32

Candidate Starts for DelRivs_73:

(Start: 32 @59544 has 280 MA's), (Start: 55 @59598 has 5 MA's), (Start: 62 @59628 has 1 MA's), (67, 59655), (68, 59661), (73, 59697), (75, 59703), (79, 59715), (85, 59769), (89, 59796), (92, 59802), (101, 59850), (106, 59865),

Gene: Derpp_75 Start: 59650, Stop: 60252, Start Num: 32

Candidate Starts for Derpp_75:

(Start: 32 @59650 has 280 MA's), (Start: 55 @59704 has 5 MA's), (Start: 62 @59734 has 1 MA's), (67, 59761), (68, 59767), (73, 59803), (75, 59809), (79, 59821), (85, 59875), (89, 59902), (92, 59908), (101, 59956), (106, 59971),

Gene: Devonte_76 Start: 59512, Stop: 60039, Start Num: 48

Candidate Starts for Devonte_76:

(Start: 48 @59512 has 53 MA's), (Start: 62 @59560 has 1 MA's), (64, 59569), (68, 59596), (73, 59632), (80, 59656), (109, 59812), (115, 59833), (127, 59890), (137, 59932), (140, 59953),

Gene: Dice_74 Start: 59569, Stop: 60171, Start Num: 32

Candidate Starts for Dice_74:

(Start: 32 @59569 has 280 MA's), (Start: 55 @59623 has 5 MA's), (Start: 62 @59653 has 1 MA's), (67, 59680), (68, 59686), (73, 59722), (75, 59728), (79, 59740), (85, 59794), (89, 59821), (92, 59827), (101, 59875), (106, 59890),

Gene: DigitDog_75 Start: 61060, Stop: 61545, Start Num: 60

Candidate Starts for DigitDog_75:

(Start: 58 @61036 has 9 MA's), (Start: 60 @61060 has 1 MA's), (64, 61075), (68, 61099), (70, 61126), (74, 61138), (75, 61141), (76, 61144), (81, 61162), (85, 61210), (90, 61240), (92, 61246), (94, 61252), (101, 61294), (125, 61390), (137, 61438), (141, 61477),

Gene: Dingo_72 Start: 59120, Stop: 59725, Start Num: 32

Candidate Starts for Dingo_72:

(Start: 32 @59120 has 280 MA's), (Start: 55 @59174 has 5 MA's), (Start: 62 @59204 has 1 MA's), (67, 59231), (68, 59237), (73, 59273), (75, 59279), (79, 59291), (85, 59345), (89, 59372), (92, 59378), (101, 59426), (106, 59441),

Gene: Dione_73 Start: 59306, Stop: 59908, Start Num: 32

Candidate Starts for Dione_73:

(Start: 32 @59306 has 280 MA's), (Start: 55 @59360 has 5 MA's), (Start: 62 @59390 has 1 MA's), (67, 59417), (68, 59423), (73, 59459), (75, 59465), (79, 59477), (85, 59531), (89, 59558), (92, 59564), (101, 59612), (106, 59627),

Gene: DirtJuice_75 Start: 59871, Stop: 60476, Start Num: 32

Candidate Starts for DirtJuice_75:

(Start: 32 @59871 has 280 MA's), (Start: 55 @59925 has 5 MA's), (Start: 62 @59955 has 1 MA's), (67, 59982), (68, 59988), (73, 60024), (75, 60030), (79, 60042), (85, 60096), (89, 60123), (92, 60129), (101, 60177), (106, 60192),

Gene: Doddsville_73 Start: 59616, Stop: 60218, Start Num: 32

Candidate Starts for Doddsville_73:

(Start: 32 @59616 has 280 MA's), (Start: 55 @59670 has 5 MA's), (Start: 62 @59700 has 1 MA's), (67, 59727), (68, 59733), (73, 59769), (75, 59775), (79, 59787), (85, 59841), (89, 59868), (92, 59874), (101, 59922), (106, 59937),

Gene: DoesntMatter_72 Start: 59593, Stop: 60195, Start Num: 32

Candidate Starts for DoesntMatter_72:

(Start: 32 @59593 has 280 MA's), (Start: 55 @59647 has 5 MA's), (Start: 62 @59677 has 1 MA's), (67, 59704), (68, 59710), (73, 59746), (75, 59752), (79, 59764), (85, 59818), (89, 59845), (92, 59851), (101, 59899), (106, 59914),

Gene: DolOn_79 Start: 61023, Stop: 61625, Start Num: 32

Candidate Starts for DolOn_79:

(Start: 32 @61023 has 280 MA's), (Start: 55 @61077 has 5 MA's), (Start: 62 @61107 has 1 MA's), (67, 61134), (68, 61140), (73, 61176), (75, 61182), (79, 61194), (85, 61248), (89, 61275), (92, 61281), (101, 61329), (106, 61344),

Gene: DonSanchon_71 Start: 59251, Stop: 59856, Start Num: 32

Candidate Starts for DonSanchon_71:

(Start: 32 @59251 has 280 MA's), (Start: 55 @59305 has 5 MA's), (Start: 62 @59335 has 1 MA's), (67, 59362), (68, 59368), (73, 59404), (75, 59410), (79, 59422), (85, 59476), (89, 59503), (92, 59509), (101, 59557), (106, 59572),

Gene: Donny_76 Start: 60975, Stop: 61484, Start Num: 58

Candidate Starts for Donny_76:

(Start: 58 @60975 has 9 MA's), (Start: 60 @60999 has 1 MA's), (64, 61014), (68, 61038), (70, 61065), (75, 61080), (76, 61083), (81, 61101), (90, 61179), (92, 61185), (94, 61191), (101, 61233), (115, 61278), (122, 61299), (141, 61416),

Gene: Dori_5 Start: 2681, Stop: 3202, Start Num: 53

Candidate Starts for Dori_5:

(Start: 47 @2672 has 2 MA's), (Start: 53 @2681 has 1 MA's), (61, 2717), (64, 2729), (68, 2759), (76, 2804), (80, 2819), (82, 2846), (85, 2867), (91, 2900), (99, 2945), (107, 2972), (119, 3008), (127, 3053), (130, 3065), (132, 3071), (137, 3095), (138, 3098), (153, 3188), (156, 3191), (157, 3194), (158, 3197),

Gene: DuchessDung_73 Start: 59132, Stop: 59734, Start Num: 32

Candidate Starts for DuchessDung_73:

(Start: 32 @59132 has 280 MA's), (Start: 55 @59186 has 5 MA's), (Start: 62 @59216 has 1 MA's), (67, 59243), (68, 59249), (73, 59285), (75, 59291), (79, 59303), (85, 59357), (89, 59384), (92, 59390), (101, 59438), (106, 59453),

Gene: Duggie_75 Start: 59870, Stop: 60475, Start Num: 32

Candidate Starts for Duggie_75:

(Start: 32 @59870 has 280 MA's), (Start: 55 @59924 has 5 MA's), (Start: 62 @59954 has 1 MA's), (67, 59981), (68, 59987), (73, 60023), (75, 60029), (79, 60041), (85, 60095), (89, 60122), (92, 60128), (101, 60176), (106, 60191),

Gene: Durga_77 Start: 60353, Stop: 60955, Start Num: 32

Candidate Starts for Durga_77:

(Start: 32 @60353 has 280 MA's), (Start: 55 @60407 has 5 MA's), (Start: 62 @60437 has 1 MA's), (67, 60464), (68, 60470), (73, 60506), (75, 60512), (79, 60524), (85, 60578), (89, 60605), (92, 60611), (101, 60659), (106, 60674),

Gene: Eaglehorse_69 Start: 57698, Stop: 58411, Start Num: 37

Candidate Starts for Eaglehorse_69:

(28, 57641), (31, 57671), (Start: 37 @57698 has 37 MA's), (64, 57776), (73, 57839), (78, 57854), (85, 57911), (88, 57935), (91, 57944), (103, 57998), (108, 58016), (112, 58025), (125, 58091), (131, 58112), (165, 58388),

Gene: EastView9101_74 Start: 60679, Stop: 61188, Start Num: 58

Candidate Starts for EastView9101_74:

(Start: 58 @60679 has 9 MA's), (Start: 60 @60703 has 1 MA's), (64, 60718), (68, 60742), (70, 60769), (75, 60784), (76, 60787), (81, 60805), (90, 60883), (92, 60889), (94, 60895), (101, 60937), (115, 60982), (122, 61003), (141, 61120),

Gene: ElvisPhasley_76 Start: 60729, Stop: 61331, Start Num: 32

Candidate Starts for ElvisPhasley_76:

(Start: 32 @60729 has 280 MA's), (Start: 55 @60783 has 5 MA's), (Start: 62 @60813 has 1 MA's), (67, 60840), (68, 60846), (73, 60882), (75, 60888), (79, 60900), (85, 60954), (89, 60981), (92, 60987), (101, 61035), (106, 61050),

Gene: Emiris_76 Start: 60262, Stop: 60867, Start Num: 32

Candidate Starts for Emiris_76:

(Start: 32 @60262 has 280 MA's), (Start: 55 @60316 has 5 MA's), (Start: 62 @60346 has 1 MA's), (67, 60373), (68, 60379), (73, 60415), (75, 60421), (79, 60433), (85, 60487), (89, 60514), (92, 60520), (101, 60568), (106, 60583),

Gene: EmpTee_74 Start: 59813, Stop: 60415, Start Num: 32

Candidate Starts for EmpTee_74:

(Start: 32 @59813 has 280 MA's), (Start: 55 @59867 has 5 MA's), (Start: 62 @59897 has 1 MA's), (67, 59924), (68, 59930), (73, 59966), (75, 59972), (79, 59984), (85, 60038), (89, 60065), (92, 60071), (101, 60119), (106, 60134),

Gene: Epah_69 Start: 60034, Stop: 60600, Start Num: 36

Candidate Starts for Epah_69:

(Start: 36 @60034 has 27 MA's), (Start: 62 @60109 has 1 MA's), (68, 60142), (73, 60178), (77, 60190), (82, 60229), (85, 60250), (86, 60256), (92, 60286), (93, 60289), (101, 60334), (124, 60421), (142, 60535),

Gene: Eremos_74 Start: 59784, Stop: 60386, Start Num: 32

Candidate Starts for Eremos_74:

(Start: 32 @59784 has 280 MA's), (Start: 55 @59838 has 5 MA's), (Start: 62 @59868 has 1 MA's), (67, 59895), (68, 59901), (73, 59937), (75, 59943), (79, 59955), (85, 60009), (89, 60036), (92, 60042), (101, 60090), (106, 60105),

Gene: Etaye_74 Start: 60444, Stop: 61046, Start Num: 32

Candidate Starts for Etaye_74:

(Start: 32 @60444 has 280 MA's), (Start: 55 @60498 has 5 MA's), (Start: 62 @60528 has 1 MA's), (67, 60555), (68, 60561), (73, 60597), (75, 60603), (79, 60615), (85, 60669), (89, 60696), (92, 60702), (101, 60750), (106, 60765),

Gene: Eugenia_76 Start: 60398, Stop: 61000, Start Num: 32

Candidate Starts for Eugenia_76:

(Start: 32 @60398 has 280 MA's), (Start: 55 @60452 has 5 MA's), (Start: 62 @60482 has 1 MA's), (67, 60509), (68, 60515), (73, 60551), (75, 60557), (79, 60569), (85, 60623), (89, 60650), (92, 60656), (101, 60704), (106, 60719),

Gene: Evaa_70 Start: 52715, Stop: 53242, Start Num: 50

Candidate Starts for Evaa_70:

(Start: 50 @52715 has 7 MA's), (68, 52784), (73, 52820), (76, 52829), (82, 52871), (88, 52916), (96, 52940), (101, 52976), (137, 53117), (161, 53237),

Gene: Fanaw_68 Start: 61135, Stop: 61701, Start Num: 36

Candidate Starts for Fanaw_68:

(Start: 36 @61135 has 27 MA's), (Start: 62 @61207 has 1 MA's), (68, 61240), (73, 61276), (77, 61288), (82, 61327), (85, 61348), (86, 61354), (92, 61384), (93, 61387), (101, 61432), (124, 61519),

Gene: Fang_76 Start: 60104, Stop: 60706, Start Num: 32

Candidate Starts for Fang_76:

(Start: 32 @60104 has 280 MA's), (Start: 55 @60158 has 5 MA's), (Start: 62 @60188 has 1 MA's), (67, 60215), (68, 60221), (73, 60257), (75, 60263), (79, 60275), (85, 60329), (89, 60356), (92, 60362), (101, 60410), (106, 60425),

Gene: Faze9_68 Start: 57836, Stop: 58549, Start Num: 37

Candidate Starts for Faze9_68:

(28, 57779), (31, 57809), (Start: 37 @57836 has 37 MA's), (64, 57914), (73, 57977), (78, 57992), (85, 58049), (88, 58073), (91, 58082), (103, 58136), (108, 58154), (112, 58163), (125, 58229), (131, 58250), (165, 58526),

Gene: FelixTres_74 Start: 55173, Stop: 55724, Start Num: 51

Candidate Starts for FelixTres_74:

(Start: 51 @55173 has 7 MA's), (Start: 60 @55206 has 1 MA's), (68, 55242), (73, 55278), (76, 55287), (83, 55341), (87, 55359), (88, 55374), (94, 55392), (103, 55437), (134, 55545), (137, 55569), (142, 55614), (163, 55716),

Gene: Flake_77 Start: 59858, Stop: 60460, Start Num: 32

Candidate Starts for Flake_77:

(Start: 32 @59858 has 280 MA's), (Start: 55 @59912 has 5 MA's), (Start: 62 @59942 has 1 MA's), (67, 59969), (68, 59975), (73, 60011), (75, 60017), (79, 60029), (85, 60083), (89, 60110), (92, 60116), (101, 60164), (106, 60179),

Gene: FleetyMac_78 Start: 59787, Stop: 60389, Start Num: 32

Candidate Starts for FleetyMac_78:

(Start: 32 @59787 has 280 MA's), (Start: 55 @59841 has 5 MA's), (Start: 62 @59871 has 1 MA's), (67, 59898), (68, 59904), (73, 59940), (75, 59946), (79, 59958), (85, 60012), (89, 60039), (92, 60045), (101, 60093), (106, 60108),

Gene: FluffyNinja_76 Start: 59974, Stop: 60576, Start Num: 32

Candidate Starts for FluffyNinja_76:

(Start: 32 @59974 has 280 MA's), (Start: 55 @60028 has 5 MA's), (Start: 62 @60058 has 1 MA's), (67, 60085), (68, 60091), (73, 60127), (75, 60133), (79, 60145), (85, 60199), (89, 60226), (92, 60232), (101, 60280), (106, 60295),

Gene: ForDig_71 Start: 59900, Stop: 60583, Start Num: 36

Candidate Starts for ForDig_71:

(21, 59792), (Start: 36 @59900 has 27 MA's), (85, 60119), (96, 60167), (101, 60203), (124, 60290), (142, 60404), (152, 60461), (162, 60512),

Gene: Fortunato_72 Start: 61041, Stop: 61700, Start Num: 22

Candidate Starts for Fortunato_72:

(Start: 22 @61041 has 1 MA's), (23, 61044), (Start: 36 @61134 has 27 MA's), (Start: 62 @61206 has 1 MA's), (68, 61239), (73, 61275), (77, 61287), (82, 61326), (85, 61347), (86, 61353), (92, 61383), (93, 61386), (101, 61431), (124, 61518), (142, 61632),

Gene: Fozzie_73 Start: 60301, Stop: 60903, Start Num: 32

Candidate Starts for Fozzie_73:

(Start: 32 @60301 has 280 MA's), (Start: 55 @60355 has 5 MA's), (Start: 62 @60385 has 1 MA's), (67, 60412), (68, 60418), (73, 60454), (75, 60460), (79, 60472), (85, 60526), (89, 60553), (92, 60559), (101, 60607), (106, 60622),

Gene: Frankicide_74 Start: 59783, Stop: 60385, Start Num: 32

Candidate Starts for Frankicide_74:

(Start: 32 @59783 has 280 MA's), (Start: 55 @59837 has 5 MA's), (Start: 62 @59867 has 1 MA's), (67, 59894), (68, 59900), (73, 59936), (75, 59942), (79, 59954), (85, 60008), (89, 60035), (92, 60041), (101, 60089), (106, 60104),

Gene: Frederick_73 Start: 61158, Stop: 61721, Start Num: 36

Candidate Starts for Frederick_73:

(Start: 22 @61065 has 1 MA's), (23, 61068), (Start: 36 @61158 has 27 MA's), (Start: 62 @61230 has 1 MA's), (68, 61263), (73, 61299), (77, 61311), (82, 61350), (85, 61371), (86, 61377), (92, 61407), (93, 61410), (101, 61455), (124, 61542), (142, 61656),

Gene: FremontTroll_73 Start: 60195, Stop: 60797, Start Num: 32

Candidate Starts for FremontTroll_73:

(Start: 32 @60195 has 280 MA's), (Start: 55 @60249 has 5 MA's), (Start: 62 @60279 has 1 MA's), (67, 60306), (68, 60312), (73, 60348), (75, 60354), (79, 60366), (85, 60420), (89, 60447), (92, 60453), (101, 60501), (106, 60516),

Gene: FrenchFry_70 Start: 57823, Stop: 58536, Start Num: 37

Candidate Starts for FrenchFry_70:

(28, 57766), (31, 57796), (Start: 37 @57823 has 37 MA's), (64, 57901), (73, 57964), (78, 57979), (85, 58036), (88, 58060), (91, 58069), (103, 58123), (108, 58141), (112, 58150), (125, 58216), (131, 58237), (165, 58513),

Gene: Fresco_71 Start: 53851, Stop: 54393, Start Num: 54

Candidate Starts for Fresco_71:

(Start: 54 @53851 has 8 MA's), (Start: 62 @53890 has 1 MA's), (68, 53920), (73, 53956), (80, 53980), (87, 54037), (88, 54052), (91, 54061), (118, 54166), (136, 54256),

Gene: Freya_72 Start: 59272, Stop: 59877, Start Num: 32

Candidate Starts for Freya_72:

(Start: 32 @59272 has 280 MA's), (Start: 55 @59326 has 5 MA's), (Start: 62 @59356 has 1 MA's), (67, 59383), (68, 59389), (73, 59425), (75, 59431), (79, 59443), (85, 59497), (89, 59524), (92, 59530), (101, 59578), (106, 59593),

Gene: FriarPreacher_73 Start: 59658, Stop: 60260, Start Num: 32

Candidate Starts for FriarPreacher_73:

(Start: 32 @59658 has 280 MA's), (Start: 55 @59712 has 5 MA's), (Start: 62 @59742 has 1 MA's), (67, 59769), (68, 59775), (73, 59811), (75, 59817), (79, 59829), (85, 59883), (89, 59910), (92, 59916), (101, 59964), (106, 59979),

Gene: Fringe_79 Start: 60450, Stop: 61055, Start Num: 32

Candidate Starts for Fringe_79:

(Start: 32 @60450 has 280 MA's), (Start: 55 @60504 has 5 MA's), (Start: 62 @60534 has 1 MA's), (67, 60561), (68, 60567), (73, 60603), (75, 60609), (79, 60621), (85, 60675), (89, 60702), (92, 60708), (101, 60756), (106, 60771),

Gene: FugateOSU_75 Start: 60596, Stop: 61198, Start Num: 32

Candidate Starts for FugateOSU_75:

(Start: 32 @60596 has 280 MA's), (Start: 55 @60650 has 5 MA's), (Start: 62 @60680 has 1 MA's), (67, 60707), (68, 60713), (73, 60749), (75, 60755), (79, 60767), (85, 60821), (89, 60848), (92, 60854), (101, 60902), (106, 60917),

Gene: Funsized_76 Start: 63867, Stop: 64403, Start Num: 50

Candidate Starts for Funsized_76:

(Start: 50 @63867 has 7 MA's), (68, 63945), (72, 63978), (83, 64044), (85, 64053), (91, 64086), (92, 64089), (96, 64101), (101, 64137), (106, 64152), (127, 64239), (137, 64284),

Gene: Gadget_78 Start: 60247, Stop: 60774, Start Num: 48

Candidate Starts for Gadget_78:

(Start: 48 @60247 has 53 MA's), (Start: 62 @60295 has 1 MA's), (64, 60304), (68, 60331), (73, 60367), (80, 60391), (85, 60439), (109, 60547), (115, 60568), (127, 60625), (137, 60667), (140, 60688),

Gene: Gareth_75 Start: 60104, Stop: 60706, Start Num: 32

Candidate Starts for Gareth_75:

(Start: 32 @60104 has 280 MA's), (Start: 55 @60158 has 5 MA's), (Start: 62 @60188 has 1 MA's), (67, 60215), (68, 60221), (73, 60257), (75, 60263), (79, 60275), (85, 60329), (89, 60356), (92, 60362), (101, 60410), (106, 60425),

Gene: GeneCoco_76 Start: 60266, Stop: 60868, Start Num: 32

Candidate Starts for GeneCoco_76:

(Start: 32 @60266 has 280 MA's), (Start: 55 @60320 has 5 MA's), (Start: 62 @60350 has 1 MA's), (67, 60377), (68, 60383), (73, 60419), (75, 60425), (79, 60437), (85, 60491), (89, 60518), (92, 60524), (101, 60572), (106, 60587),

Gene: Gervas_78 Start: 60341, Stop: 60868, Start Num: 48

Candidate Starts for Gervas_78:

(Start: 48 @60341 has 53 MA's), (Start: 62 @60389 has 1 MA's), (64, 60398), (68, 60425), (73, 60461), (80, 60485), (85, 60533), (109, 60641), (115, 60662), (127, 60719), (137, 60761), (140, 60782),

Gene: GinPorsche_71 Start: 60034, Stop: 60597, Start Num: 36

Candidate Starts for GinPorsche_71:

(Start: 36 @60034 has 27 MA's), (Start: 62 @60106 has 1 MA's), (68, 60139), (73, 60175), (77, 60187), (82, 60226), (85, 60247), (86, 60253), (92, 60283), (93, 60286), (101, 60331), (124, 60418), (142,

60532),

Gene: Giraffe_75 Start: 60099, Stop: 60701, Start Num: 32

Candidate Starts for Giraffe_75:

(Start: 32 @60099 has 280 MA's), (Start: 55 @60153 has 5 MA's), (Start: 62 @60183 has 1 MA's), (67, 60210), (68, 60216), (73, 60252), (75, 60258), (79, 60270), (85, 60324), (89, 60351), (92, 60357), (101, 60405), (106, 60420),

Gene: Glass_70 Start: 57824, Stop: 58537, Start Num: 37

Candidate Starts for Glass_70:

(28, 57767), (31, 57797), (Start: 37 @57824 has 37 MA's), (64, 57902), (73, 57965), (78, 57980), (85, 58037), (88, 58061), (91, 58070), (103, 58124), (108, 58142), (112, 58151), (125, 58217), (131, 58238), (165, 58514),

Gene: GlenHope_78 Start: 59920, Stop: 60447, Start Num: 48

Candidate Starts for GlenHope_78:

(Start: 48 @59920 has 53 MA's), (Start: 62 @59968 has 1 MA's), (64, 59977), (68, 60004), (73, 60040), (80, 60064), (85, 60112), (109, 60220), (115, 60241), (127, 60298), (137, 60340), (140, 60361),

Gene: Glubnar_78 Start: 59779, Stop: 60306, Start Num: 48

Candidate Starts for Glubnar_78:

(Start: 48 @59779 has 53 MA's), (Start: 62 @59827 has 1 MA's), (64, 59836), (68, 59863), (73, 59899), (80, 59923), (109, 60079), (115, 60100), (127, 60157), (137, 60199), (140, 60220),

Gene: GodPhather_3 Start: 1974, Stop: 2498, Start Num: 55

Candidate Starts for GodPhather_3:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 58 @1980 has 9 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85, 2157), (88, 2181), (91, 2190), (99, 2235), (102, 2244), (104, 2250), (107, 2262), (119, 2298), (128, 2346), (130, 2355), (139, 2400),

Gene: Godines_70 Start: 58077, Stop: 58790, Start Num: 37

Candidate Starts for Godines_70:

(28, 58020), (31, 58050), (Start: 37 @58077 has 37 MA's), (64, 58155), (73, 58218), (78, 58233), (85, 58290), (88, 58314), (91, 58323), (103, 58377), (108, 58395), (112, 58404), (125, 58470), (131, 58491), (165, 58767),

Gene: Gophee_75 Start: 60096, Stop: 60698, Start Num: 32

Candidate Starts for Gophee_75:

(Start: 32 @60096 has 280 MA's), (Start: 55 @60150 has 5 MA's), (Start: 62 @60180 has 1 MA's), (67, 60207), (68, 60213), (73, 60249), (75, 60255), (79, 60267), (85, 60321), (89, 60348), (92, 60354), (101, 60402), (106, 60417),

Gene: Grand2040_73 Start: 60074, Stop: 60676, Start Num: 32

Candidate Starts for Grand2040_73:

(Start: 32 @60074 has 280 MA's), (Start: 55 @60128 has 5 MA's), (Start: 62 @60158 has 1 MA's), (67, 60185), (68, 60191), (73, 60227), (75, 60233), (79, 60245), (85, 60299), (89, 60326), (92, 60332), (101, 60380), (106, 60395),

Gene: GreenChile_74 Start: 59608, Stop: 60210, Start Num: 32

Candidate Starts for GreenChile_74:

(Start: 32 @59608 has 280 MA's), (Start: 55 @59662 has 5 MA's), (Start: 62 @59692 has 1 MA's), (67, 59719), (68, 59725), (73, 59761), (75, 59767), (79, 59779), (85, 59833), (89, 59860), (92, 59866), (101,

59914), (106, 59929),

Gene: Gwennie1_74 Start: 59912, Stop: 60514, Start Num: 32

Candidate Starts for Gwennie1_74:

(Start: 32 @59912 has 280 MA's), (Start: 55 @59966 has 5 MA's), (Start: 62 @59996 has 1 MA's), (67, 60023), (68, 60029), (73, 60065), (75, 60071), (79, 60083), (85, 60137), (89, 60164), (92, 60170), (101, 60218), (106, 60233),

Gene: Gwilliam_76 Start: 60465, Stop: 61067, Start Num: 32

Candidate Starts for Gwilliam_76:

(Start: 32 @60465 has 280 MA's), (Start: 55 @60519 has 5 MA's), (Start: 62 @60549 has 1 MA's), (67, 60576), (68, 60582), (73, 60618), (75, 60624), (79, 60636), (85, 60690), (89, 60717), (92, 60723), (101, 60771), (106, 60786),

Gene: Gyarad_0074 Start: 59421, Stop: 60023, Start Num: 32

Candidate Starts for Gyarad_0074:

(Start: 32 @59421 has 280 MA's), (Start: 55 @59475 has 5 MA's), (Start: 62 @59505 has 1 MA's), (67, 59532), (68, 59538), (73, 59574), (75, 59580), (79, 59592), (85, 59646), (89, 59673), (92, 59679), (101, 59727), (106, 59742),

Gene: HSavage_73 Start: 59611, Stop: 60213, Start Num: 32

Candidate Starts for HSavage_73:

(Start: 32 @59611 has 280 MA's), (Start: 55 @59665 has 5 MA's), (Start: 62 @59695 has 1 MA's), (67, 59722), (68, 59728), (73, 59764), (75, 59770), (79, 59782), (85, 59836), (89, 59863), (92, 59869), (101, 59917), (106, 59932),

Gene: Haimas_73 Start: 59531, Stop: 60133, Start Num: 32

Candidate Starts for Haimas_73:

(Start: 32 @59531 has 280 MA's), (Start: 55 @59585 has 5 MA's), (Start: 62 @59615 has 1 MA's), (67, 59642), (68, 59648), (73, 59684), (75, 59690), (79, 59702), (85, 59756), (89, 59783), (92, 59789), (101, 59837), (106, 59852),

Gene: Haleema_74 Start: 59642, Stop: 60247, Start Num: 32

Candidate Starts for Haleema_74:

(Start: 32 @59642 has 280 MA's), (Start: 55 @59696 has 5 MA's), (Start: 62 @59726 has 1 MA's), (67, 59753), (68, 59759), (73, 59795), (75, 59801), (79, 59813), (85, 59867), (89, 59894), (92, 59900), (101, 59948), (106, 59963),

Gene: Halfpint_76 Start: 59662, Stop: 60189, Start Num: 48

Candidate Starts for Halfpint_76:

(Start: 48 @59662 has 53 MA's), (Start: 62 @59710 has 1 MA's), (64, 59719), (68, 59746), (73, 59782), (80, 59806), (85, 59854), (109, 59962), (115, 59983), (127, 60040), (137, 60082), (140, 60103),

Gene: Hally898_69 Start: 60049, Stop: 60612, Start Num: 36

Candidate Starts for Hally898_69:

(2, 59380), (4, 59566), (5, 59572), (9, 59740), (10, 59752), (Start: 22 @59956 has 1 MA's), (23, 59959), (Start: 36 @60049 has 27 MA's), (Start: 62 @60121 has 1 MA's), (68, 60154), (73, 60190), (77, 60202), (82, 60241), (85, 60262), (86, 60268), (92, 60298), (93, 60301), (101, 60346), (124, 60433), (142, 60547),

Gene: Hamish_72 Start: 59649, Stop: 60251, Start Num: 32

Candidate Starts for Hamish_72:

(Start: 32 @59649 has 280 MA's), (Start: 55 @59703 has 5 MA's), (Start: 62 @59733 has 1 MA's), (67, 59760), (68, 59766), (73, 59802), (75, 59808), (79, 59820), (85, 59874), (89, 59901), (92, 59907), (101, 59955), (106, 59970),

Gene: Hangman_72 Start: 61357, Stop: 61920, Start Num: 36

Candidate Starts for Hangman_72:

(Start: 22 @61264 has 1 MA's), (23, 61267), (Start: 36 @61357 has 27 MA's), (Start: 62 @61429 has 1 MA's), (68, 61462), (73, 61498), (77, 61510), (82, 61549), (85, 61570), (86, 61576), (92, 61606), (93, 61609), (101, 61654), (124, 61741),

Gene: Happabalu_73 Start: 60747, Stop: 61352, Start Num: 32

Candidate Starts for Happabalu_73:

(Start: 32 @60747 has 280 MA's), (Start: 55 @60801 has 5 MA's), (Start: 62 @60831 has 1 MA's), (67, 60858), (68, 60864), (73, 60900), (75, 60906), (79, 60918), (85, 60972), (89, 60999), (92, 61005), (101, 61053), (106, 61068),

Gene: Hartsy_74 Start: 59757, Stop: 60362, Start Num: 32

Candidate Starts for Hartsy_74:

(Start: 32 @59757 has 280 MA's), (Start: 55 @59811 has 5 MA's), (Start: 62 @59841 has 1 MA's), (67, 59868), (68, 59874), (73, 59910), (75, 59916), (79, 59928), (85, 59982), (89, 60009), (92, 60015), (101, 60063), (106, 60078),

Gene: Harvey_72 Start: 59557, Stop: 60159, Start Num: 32

Candidate Starts for Harvey_72:

(Start: 32 @59557 has 280 MA's), (Start: 55 @59611 has 5 MA's), (Start: 62 @59641 has 1 MA's), (67, 59668), (68, 59674), (73, 59710), (75, 59716), (79, 59728), (85, 59782), (89, 59809), (92, 59815), (101, 59863), (106, 59878),

Gene: HarveySr_76 Start: 59431, Stop: 59958, Start Num: 48

Candidate Starts for HarveySr_76:

(Start: 48 @59431 has 53 MA's), (Start: 62 @59479 has 1 MA's), (64, 59488), (68, 59515), (73, 59551), (80, 59575), (109, 59731), (115, 59752), (127, 59809), (137, 59851), (140, 59872),

Gene: Hashim76_83 Start: 63428, Stop: 63967, Start Num: 41

Candidate Starts for Hashim76_83:

(29, 63368), (Start: 41 @63428 has 2 MA's), (68, 63512), (72, 63545), (76, 63557), (83, 63611), (85, 63620), (101, 63701), (112, 63731), (124, 63788), (127, 63803), (144, 63917),

Gene: Heath_71 Start: 60984, Stop: 61547, Start Num: 36

Candidate Starts for Heath_71:

(Start: 22 @60891 has 1 MA's), (23, 60894), (Start: 36 @60984 has 27 MA's), (Start: 62 @61056 has 1 MA's), (68, 61089), (73, 61125), (77, 61137), (82, 61176), (85, 61197), (86, 61203), (92, 61233), (93, 61236), (101, 61281), (124, 61368),

Gene: Heathcliff_77 Start: 59841, Stop: 60368, Start Num: 48

Candidate Starts for Heathcliff_77:

(Start: 48 @59841 has 53 MA's), (Start: 62 @59889 has 1 MA's), (64, 59898), (68, 59925), (73, 59961), (80, 59985), (85, 60033), (109, 60141), (115, 60162), (127, 60219), (137, 60261), (140, 60282),

Gene: Hedgerow_69 Start: 57774, Stop: 58487, Start Num: 37

Candidate Starts for Hedgerow_69:

(28, 57717), (31, 57747), (Start: 37 @57774 has 37 MA's), (64, 57852), (73, 57915), (78, 57930), (85, 57987), (88, 58011), (91, 58020), (103, 58074), (108, 58092), (112, 58101), (125, 58167), (131,

58188), (165, 58464),

Gene: Hekos_73 Start: 59443, Stop: 60045, Start Num: 32

Candidate Starts for Hekos_73:

(Start: 32 @59443 has 280 MA's), (Start: 55 @59497 has 5 MA's), (Start: 62 @59527 has 1 MA's), (67, 59554), (68, 59560), (73, 59596), (75, 59602), (79, 59614), (85, 59668), (89, 59695), (92, 59701), (101, 59749), (106, 59764),

Gene: Held_73 Start: 59549, Stop: 60154, Start Num: 32

Candidate Starts for Held_73:

(Start: 32 @59549 has 280 MA's), (Start: 55 @59603 has 5 MA's), (Start: 62 @59633 has 1 MA's), (67, 59660), (68, 59666), (73, 59702), (75, 59708), (79, 59720), (85, 59774), (89, 59801), (92, 59807), (101, 59855), (106, 59870),

Gene: HenryJackson_76 Start: 60272, Stop: 60874, Start Num: 32

Candidate Starts for HenryJackson_76:

(Start: 32 @60272 has 280 MA's), (Start: 55 @60326 has 5 MA's), (Start: 62 @60356 has 1 MA's), (67, 60383), (68, 60389), (73, 60425), (75, 60431), (79, 60443), (85, 60497), (89, 60524), (92, 60530), (101, 60578), (106, 60593),

Gene: Hertubise_75 Start: 60038, Stop: 60640, Start Num: 32

Candidate Starts for Hertubise_75:

(Start: 32 @60038 has 280 MA's), (Start: 55 @60092 has 5 MA's), (Start: 62 @60122 has 1 MA's), (67, 60149), (68, 60155), (73, 60191), (75, 60197), (79, 60209), (85, 60263), (89, 60290), (92, 60296), (101, 60344), (106, 60359),

Gene: Hetaeria_75 Start: 59921, Stop: 60523, Start Num: 32

Candidate Starts for Hetaeria_75:

(Start: 32 @59921 has 280 MA's), (Start: 55 @59975 has 5 MA's), (Start: 62 @60005 has 1 MA's), (67, 60032), (68, 60038), (73, 60074), (75, 60080), (79, 60092), (85, 60146), (89, 60173), (92, 60179), (101, 60227), (106, 60242),

Gene: HighStump_76 Start: 60058, Stop: 60615, Start Num: 32

Candidate Starts for HighStump_76:

(Start: 32 @60058 has 280 MA's), (Start: 55 @60112 has 5 MA's), (Start: 62 @60142 has 1 MA's), (67, 60169), (68, 60175), (73, 60211), (75, 60217), (79, 60229), (85, 60283), (89, 60310), (92, 60316), (101, 60364), (106, 60379),

Gene: Hocus_73 Start: 59573, Stop: 60175, Start Num: 32

Candidate Starts for Hocus_73:

(Start: 32 @59573 has 280 MA's), (Start: 55 @59627 has 5 MA's), (Start: 62 @59657 has 1 MA's), (67, 59684), (68, 59690), (73, 59726), (75, 59732), (79, 59744), (85, 59798), (89, 59825), (92, 59831), (101, 59879), (106, 59894),

Gene: HogWash_75 Start: 60449, Stop: 61054, Start Num: 32

Candidate Starts for HogWash_75:

(Start: 32 @60449 has 280 MA's), (Start: 55 @60503 has 5 MA's), (Start: 62 @60533 has 1 MA's), (67, 60560), (68, 60566), (73, 60602), (75, 60608), (79, 60620), (85, 60674), (89, 60701), (92, 60707), (101, 60755), (106, 60770),

Gene: Holeinone_69 Start: 57679, Stop: 58392, Start Num: 37

Candidate Starts for Holeinone_69:

(28, 57622), (31, 57652), (Start: 37 @57679 has 37 MA's), (64, 57757), (73, 57820), (78, 57835), (85, 57892), (88, 57916), (91, 57925), (103, 57979), (108, 57997), (112, 58006), (125, 58072), (131, 58093), (165, 58369),

Gene: Horchata_72 Start: 59567, Stop: 60172, Start Num: 32

Candidate Starts for Horchata_72:

(Start: 32 @59567 has 280 MA's), (Start: 55 @59621 has 5 MA's), (Start: 62 @59651 has 1 MA's), (67, 59678), (68, 59684), (73, 59720), (75, 59726), (79, 59738), (85, 59792), (89, 59819), (92, 59825), (101, 59873), (106, 59888),

Gene: Hosp_068 Start: 57780, Stop: 58451, Start Num: 36

Candidate Starts for Hosp_068:

(21, 57672), (Start: 36 @57780 has 27 MA's), (78, 57942), (82, 57978), (85, 57999), (96, 58047), (101, 58083), (124, 58170), (142, 58284), (147, 58323),

Gene: Hydro_72 Start: 61295, Stop: 61858, Start Num: 36

Candidate Starts for Hydro_72:

(Start: 22 @61202 has 1 MA's), (23, 61205), (Start: 36 @61295 has 27 MA's), (Start: 62 @61367 has 1 MA's), (68, 61400), (73, 61436), (77, 61448), (82, 61487), (85, 61508), (86, 61514), (92, 61544), (93, 61547), (101, 61592), (124, 61679),

Gene: ImtiyazSitla_76 Start: 59959, Stop: 60561, Start Num: 32

Candidate Starts for ImtiyazSitla_76:

(Start: 32 @59959 has 280 MA's), (Start: 55 @60013 has 5 MA's), (Start: 62 @60043 has 1 MA's), (67, 60070), (68, 60076), (73, 60112), (75, 60118), (79, 60130), (85, 60184), (89, 60211), (92, 60217), (101, 60265), (106, 60280),

Gene: Imvubu_74 Start: 60136, Stop: 60678, Start Num: 50

Candidate Starts for Imvubu_74:

(Start: 50 @60136 has 7 MA's), (68, 60214), (73, 60250), (83, 60313), (85, 60322), (92, 60358), (96, 60370), (101, 60406), (127, 60508), (135, 60529), (140, 60571),

Gene: Inchworm_76 Start: 59943, Stop: 60548, Start Num: 32

Candidate Starts for Inchworm_76:

(Start: 32 @59943 has 280 MA's), (Start: 55 @59997 has 5 MA's), (Start: 62 @60027 has 1 MA's), (67, 60054), (68, 60060), (73, 60096), (75, 60102), (79, 60114), (85, 60168), (89, 60195), (92, 60201), (101, 60249), (106, 60264),

Gene: Indlovu_74 Start: 61909, Stop: 62601, Start Num: 45

Candidate Starts for Indlovu_74:

(6, 61384), (8, 61489), (11, 61576), (16, 61642), (25, 61795), (35, 61879), (Start: 45 @61909 has 1 MA's), (68, 61996), (72, 62029), (83, 62098), (85, 62107), (92, 62143), (98, 62179), (101, 62191), (126, 62290), (127, 62293), (147, 62425), (155, 62452), (160, 62464),

Gene: Inverness_73 Start: 59573, Stop: 60175, Start Num: 32

Candidate Starts for Inverness_73:

(Start: 32 @59573 has 280 MA's), (Start: 55 @59627 has 5 MA's), (Start: 62 @59657 has 1 MA's), (67, 59684), (68, 59690), (73, 59726), (75, 59732), (79, 59744), (85, 59798), (89, 59825), (92, 59831), (101, 59879), (106, 59894),

Gene: Iridessa_77 Start: 59688, Stop: 60290, Start Num: 32

Candidate Starts for Iridessa_77:

(Start: 32 @59688 has 280 MA's), (Start: 55 @59742 has 5 MA's), (Start: 62 @59772 has 1 MA's), (67, 59799), (68, 59805), (73, 59841), (75, 59847), (79, 59859), (85, 59913), (89, 59940), (92, 59946), (101, 59994), (106, 60009),

Gene: Iridoclysis_74 Start: 59857, Stop: 60459, Start Num: 32

Candidate Starts for Iridoclysis_74:

(Start: 32 @59857 has 280 MA's), (Start: 55 @59911 has 5 MA's), (Start: 62 @59941 has 1 MA's), (67, 59968), (68, 59974), (73, 60010), (75, 60016), (79, 60028), (85, 60082), (89, 60109), (92, 60115), (101, 60163), (106, 60178),

Gene: IsaacEli_77 Start: 60204, Stop: 60806, Start Num: 32

Candidate Starts for IsaacEli_77:

(Start: 32 @60204 has 280 MA's), (Start: 55 @60258 has 5 MA's), (Start: 62 @60288 has 1 MA's), (67, 60315), (68, 60321), (73, 60357), (75, 60363), (79, 60375), (85, 60429), (89, 60456), (92, 60462), (101, 60510), (106, 60525),

Gene: ItsyBitsy1_68 Start: 57915, Stop: 58628, Start Num: 37

Candidate Starts for ItsyBitsy1_68:

(28, 57858), (31, 57888), (Start: 37 @57915 has 37 MA's), (64, 57993), (73, 58056), (78, 58071), (85, 58128), (88, 58152), (91, 58161), (103, 58215), (108, 58233), (112, 58242), (125, 58308), (131, 58329), (165, 58605),

Gene: JAMaL_71 Start: 61043, Stop: 61609, Start Num: 36

Candidate Starts for JAMaL_71:

(5, 60566), (7, 60689), (9, 60734), (10, 60746), (Start: 22 @60950 has 1 MA's), (23, 60953), (Start: 36 @61043 has 27 MA's), (Start: 62 @61115 has 1 MA's), (68, 61148), (73, 61184), (77, 61196), (82, 61235), (85, 61256), (86, 61262), (92, 61292), (93, 61295), (101, 61340), (124, 61427), (142, 61541), (151, 61598),

Gene: JDog_74 Start: 60093, Stop: 60698, Start Num: 32

Candidate Starts for JDog_74:

(Start: 32 @60093 has 280 MA's), (Start: 55 @60147 has 5 MA's), (Start: 62 @60177 has 1 MA's), (67, 60204), (68, 60210), (73, 60246), (75, 60252), (79, 60264), (85, 60318), (89, 60345), (92, 60351), (101, 60399), (106, 60414),

Gene: JacAttac_75 Start: 59570, Stop: 60172, Start Num: 32

Candidate Starts for JacAttac_75:

(Start: 32 @59570 has 280 MA's), (Start: 55 @59624 has 5 MA's), (Start: 62 @59654 has 1 MA's), (67, 59681), (68, 59687), (73, 59723), (75, 59729), (79, 59741), (85, 59795), (89, 59822), (92, 59828), (101, 59876), (106, 59891),

Gene: Jackstina_72 Start: 59755, Stop: 60282, Start Num: 48

Candidate Starts for Jackstina_72:

(Start: 48 @59755 has 53 MA's), (Start: 62 @59803 has 1 MA's), (64, 59812), (68, 59839), (73, 59875), (80, 59899), (109, 60055), (115, 60076), (127, 60133), (137, 60175), (140, 60196),

Gene: JaguarMi_72 Start: 62383, Stop: 62949, Start Num: 36

Candidate Starts for JaguarMi_72:

(Start: 22 @62290 has 1 MA's), (23, 62293), (Start: 36 @62383 has 27 MA's), (Start: 62 @62455 has 1 MA's), (68, 62488), (73, 62524), (77, 62536), (82, 62575), (85, 62596), (86, 62602), (92, 62632), (93, 62635), (101, 62680), (124, 62767), (142, 62881),

Gene: JakeO_76 Start: 59821, Stop: 60423, Start Num: 32

Candidate Starts for JakeO_76:

(Start: 32 @59821 has 280 MA's), (Start: 55 @59875 has 5 MA's), (Start: 62 @59905 has 1 MA's), (67, 59932), (68, 59938), (73, 59974), (75, 59980), (79, 59992), (85, 60046), (89, 60073), (92, 60079), (101, 60127), (106, 60142),

Gene: JangoPhett_73 Start: 59911, Stop: 60513, Start Num: 32

Candidate Starts for JangoPhett_73:

(Start: 32 @59911 has 280 MA's), (Start: 55 @59965 has 5 MA's), (Start: 62 @59995 has 1 MA's), (67, 60022), (68, 60028), (73, 60064), (75, 60070), (79, 60082), (85, 60136), (89, 60163), (92, 60169), (101, 60217), (106, 60232),

Gene: Jeon_3 Start: 1974, Stop: 2498, Start Num: 55

Candidate Starts for Jeon_3:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 58 @1980 has 9 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85, 2157), (88, 2181), (91, 2190), (99, 2235), (102, 2244), (104, 2250), (107, 2262), (119, 2298), (128, 2346), (130, 2355), (139, 2400),

Gene: Jesabah_77 Start: 60676, Stop: 61278, Start Num: 32

Candidate Starts for Jesabah_77:

(Start: 32 @60676 has 280 MA's), (Start: 55 @60730 has 5 MA's), (Start: 62 @60760 has 1 MA's), (67, 60787), (68, 60793), (73, 60829), (75, 60835), (79, 60847), (85, 60901), (89, 60928), (92, 60934), (101, 60982), (106, 60997),

Gene: Jillium_76 Start: 60264, Stop: 60866, Start Num: 32

Candidate Starts for Jillium_76:

(Start: 32 @60264 has 280 MA's), (Start: 55 @60318 has 5 MA's), (Start: 62 @60348 has 1 MA's), (67, 60375), (68, 60381), (73, 60417), (75, 60423), (79, 60435), (85, 60489), (89, 60516), (92, 60522), (101, 60570), (106, 60585),

Gene: Jiminy_75 Start: 59651, Stop: 60253, Start Num: 32

Candidate Starts for Jiminy_75:

(Start: 32 @59651 has 280 MA's), (Start: 55 @59705 has 5 MA's), (Start: 62 @59735 has 1 MA's), (67, 59762), (68, 59768), (73, 59804), (75, 59810), (79, 59822), (85, 59876), (89, 59903), (92, 59909), (101, 59957), (106, 59972),

Gene: Jiraiya_76 Start: 59853, Stop: 60458, Start Num: 32

Candidate Starts for Jiraiya_76:

(Start: 32 @59853 has 280 MA's), (Start: 55 @59907 has 5 MA's), (Start: 62 @59937 has 1 MA's), (67, 59964), (68, 59970), (73, 60006), (75, 60012), (79, 60024), (85, 60078), (89, 60105), (92, 60111), (101, 60159), (106, 60174),

Gene: Jolie1_070 Start: 59914, Stop: 60594, Start Num: 36

Candidate Starts for Jolie1_070:

(21, 59806), (Start: 36 @59914 has 27 MA's), (82, 60112), (85, 60133), (87, 60142), (96, 60181), (97, 60184), (101, 60217), (124, 60304), (142, 60418), (157, 60484),

Gene: JoyceMaria_71 Start: 61179, Stop: 61745, Start Num: 36

Candidate Starts for JoyceMaria_71:

(Start: 36 @61179 has 27 MA's), (Start: 62 @61251 has 1 MA's), (68, 61284), (73, 61320), (77, 61332), (82, 61371), (85, 61392), (86, 61398), (92, 61428), (93, 61431), (101, 61476), (124, 61563),

Gene: KLucky39_73 Start: 59460, Stop: 60062, Start Num: 32

Candidate Starts for KLucky39_73:

(Start: 32 @59460 has 280 MA's), (Start: 55 @59514 has 5 MA's), (Start: 62 @59544 has 1 MA's), (67, 59571), (68, 59577), (73, 59613), (75, 59619), (79, 59631), (85, 59685), (89, 59712), (92, 59718), (101, 59766), (106, 59781),

Gene: Kahve_76 Start: 60269, Stop: 60871, Start Num: 32

Candidate Starts for Kahve_76:

(Start: 32 @60269 has 280 MA's), (Start: 55 @60323 has 5 MA's), (Start: 62 @60353 has 1 MA's), (67, 60380), (68, 60386), (73, 60422), (75, 60428), (79, 60440), (85, 60494), (89, 60521), (92, 60527), (101, 60575), (106, 60590),

Gene: Kailash_73 Start: 59967, Stop: 60572, Start Num: 32

Candidate Starts for Kailash_73:

(Start: 32 @59967 has 280 MA's), (Start: 55 @60021 has 5 MA's), (Start: 62 @60051 has 1 MA's), (67, 60078), (68, 60084), (73, 60120), (75, 60126), (79, 60138), (85, 60192), (89, 60219), (92, 60225), (101, 60273), (106, 60288),

Gene: Kaleb_69 Start: 57830, Stop: 58543, Start Num: 37

Candidate Starts for Kaleb_69:

(28, 57773), (31, 57803), (Start: 37 @57830 has 37 MA's), (64, 57908), (73, 57971), (78, 57986), (85, 58043), (88, 58067), (91, 58076), (103, 58130), (108, 58148), (112, 58157), (125, 58223), (131, 58244), (165, 58520),

Gene: Kamiyu_77 Start: 59844, Stop: 60371, Start Num: 48

Candidate Starts for Kamiyu_77:

(Start: 48 @59844 has 53 MA's), (Start: 62 @59892 has 1 MA's), (64, 59901), (68, 59928), (73, 59964), (80, 59988), (109, 60144), (115, 60165), (127, 60222), (137, 60264), (140, 60285),

Gene: KarasumaRum_74 Start: 60935, Stop: 61423, Start Num: 60

Candidate Starts for KarasumaRum_74:

(Start: 58 @60911 has 9 MA's), (Start: 60 @60935 has 1 MA's), (64, 60950), (68, 60974), (70, 61001), (73, 61010), (76, 61019), (85, 61085), (90, 61115), (92, 61121), (101, 61169), (137, 61313),

Gene: Karn_75 Start: 59826, Stop: 60428, Start Num: 32

Candidate Starts for Karn_75:

(Start: 32 @59826 has 280 MA's), (Start: 55 @59880 has 5 MA's), (Start: 62 @59910 has 1 MA's), (67, 59937), (68, 59943), (73, 59979), (75, 59985), (79, 59997), (85, 60051), (89, 60078), (92, 60084), (101, 60132), (106, 60147),

Gene: Katniss_77 Start: 59706, Stop: 60308, Start Num: 32

Candidate Starts for Katniss_77:

(Start: 32 @59706 has 280 MA's), (Start: 55 @59760 has 5 MA's), (Start: 62 @59790 has 1 MA's), (67, 59817), (68, 59823), (73, 59859), (75, 59865), (79, 59877), (85, 59931), (89, 59958), (92, 59964), (101, 60012), (106, 60027),

Gene: KayaCho_70 Start: 59906, Stop: 60586, Start Num: 36

Candidate Starts for KayaCho_70:

(21, 59798), (Start: 36 @59906 has 27 MA's), (96, 60173), (101, 60209), (124, 60296), (141, 60398), (142, 60410), (157, 60476),

Gene: Keitherie_78 Start: 60328, Stop: 60930, Start Num: 32

Candidate Starts for Keitherie_78:

(Start: 32 @60328 has 280 MA's), (Start: 55 @60382 has 5 MA's), (Start: 62 @60412 has 1 MA's), (67, 60439), (68, 60445), (73, 60481), (75, 60487), (79, 60499), (85, 60553), (89, 60580), (92, 60586), (101, 60634), (106, 60649),

Gene: Khan1_75 Start: 60048, Stop: 60650, Start Num: 32

Candidate Starts for Khan1_75:

(Start: 32 @60048 has 280 MA's), (Start: 55 @60102 has 5 MA's), (Start: 62 @60132 has 1 MA's), (67, 60159), (68, 60165), (73, 60201), (75, 60207), (79, 60219), (85, 60273), (89, 60300), (92, 60306), (101, 60354), (106, 60369),

Gene: Kheth_69 Start: 57741, Stop: 58454, Start Num: 37

Candidate Starts for Kheth_69:

(28, 57684), (31, 57714), (Start: 37 @57741 has 37 MA's), (64, 57819), (73, 57882), (78, 57897), (85, 57954), (88, 57978), (91, 57987), (103, 58041), (108, 58059), (112, 58068), (125, 58134), (131, 58155), (165, 58431),

Gene: Kikipoo_77 Start: 60204, Stop: 60806, Start Num: 32

Candidate Starts for Kikipoo_77:

(Start: 32 @60204 has 280 MA's), (Start: 55 @60258 has 5 MA's), (Start: 62 @60288 has 1 MA's), (67, 60315), (68, 60321), (73, 60357), (75, 60363), (79, 60375), (85, 60429), (89, 60456), (92, 60462), (101, 60510), (106, 60525),

Gene: Kimbrough_76 Start: 60149, Stop: 60751, Start Num: 32

Candidate Starts for Kimbrough_76:

(Start: 32 @60149 has 280 MA's), (Start: 55 @60203 has 5 MA's), (Start: 62 @60233 has 1 MA's), (67, 60260), (68, 60266), (73, 60302), (75, 60308), (79, 60320), (85, 60374), (89, 60401), (92, 60407), (101, 60455), (106, 60470),

Gene: KingTut_66 Start: 56316, Stop: 56918, Start Num: 32

Candidate Starts for KingTut_66:

(Start: 32 @56316 has 280 MA's), (Start: 55 @56370 has 5 MA's), (Start: 62 @56400 has 1 MA's), (67, 56427), (68, 56433), (73, 56469), (75, 56475), (79, 56487), (85, 56541), (89, 56568), (92, 56574), (101, 56622), (106, 56637),

Gene: KingVeVeVe_73 Start: 59110, Stop: 59712, Start Num: 32

Candidate Starts for KingVeVeVe_73:

(Start: 32 @59110 has 280 MA's), (Start: 55 @59164 has 5 MA's), (Start: 62 @59194 has 1 MA's), (67, 59221), (68, 59227), (73, 59263), (75, 59269), (79, 59281), (85, 59335), (89, 59362), (92, 59368), (101, 59416), (106, 59431),

Gene: KlimbOn_74 Start: 59584, Stop: 60186, Start Num: 32

Candidate Starts for KlimbOn_74:

(Start: 32 @59584 has 280 MA's), (Start: 55 @59638 has 5 MA's), (Start: 62 @59668 has 1 MA's), (67, 59695), (68, 59701), (73, 59737), (75, 59743), (79, 59755), (85, 59809), (89, 59836), (92, 59842), (101, 59890), (106, 59905),

Gene: Kloppinator_75 Start: 59741, Stop: 60343, Start Num: 32

Candidate Starts for Kloppinator_75:

(Start: 32 @59741 has 280 MA's), (Start: 55 @59795 has 5 MA's), (Start: 62 @59825 has 1 MA's), (67, 59852), (68, 59858), (73, 59894), (75, 59900), (79, 59912), (85, 59966), (89, 59993), (92, 59999), (101, 60047), (106, 60062),

Gene: Knocker_75 Start: 62351, Stop: 62890, Start Num: 50

Candidate Starts for Knocker_75:

(Start: 50 @62351 has 7 MA's), (Start: 60 @62390 has 1 MA's), (68, 62429), (69, 62444), (72, 62462), (76, 62474), (83, 62528), (85, 62537), (91, 62570), (92, 62573), (96, 62585), (101, 62621), (127, 62723), (137, 62771), (143, 62837),

Gene: Kolhan_70 Start: 57718, Stop: 58431, Start Num: 37

Candidate Starts for Kolhan_70:

(28, 57661), (31, 57691), (Start: 37 @57718 has 37 MA's), (64, 57796), (73, 57859), (78, 57874), (85, 57931), (88, 57955), (91, 57964), (103, 58018), (108, 58036), (112, 58045), (125, 58111), (131, 58132), (165, 58408),

Gene: Kronus_77 Start: 60928, Stop: 61455, Start Num: 48

Candidate Starts for Kronus_77:

(Start: 48 @60928 has 53 MA's), (Start: 62 @60976 has 1 MA's), (64, 60985), (68, 61012), (73, 61048), (80, 61072), (85, 61120), (109, 61228), (115, 61249), (127, 61306), (137, 61348), (140, 61369),

Gene: Kwadwo_74 Start: 59576, Stop: 60178, Start Num: 32

Candidate Starts for Kwadwo_74:

(Start: 32 @59576 has 280 MA's), (Start: 55 @59630 has 5 MA's), (Start: 62 @59660 has 1 MA's), (67, 59687), (68, 59693), (73, 59729), (75, 59735), (79, 59747), (85, 59801), (89, 59828), (92, 59834), (101, 59882), (106, 59897),

Gene: Kwksand96_76 Start: 59840, Stop: 60442, Start Num: 32

Candidate Starts for Kwksand96_76:

(Start: 32 @59840 has 280 MA's), (Start: 55 @59894 has 5 MA's), (Start: 62 @59924 has 1 MA's), (67, 59951), (68, 59957), (73, 59993), (75, 59999), (79, 60011), (85, 60065), (89, 60092), (92, 60098), (101, 60146), (106, 60161),

Gene: Labeouficaum_75 Start: 59650, Stop: 60252, Start Num: 32

Candidate Starts for Labeouficaum_75:

(Start: 32 @59650 has 280 MA's), (Start: 55 @59704 has 5 MA's), (Start: 62 @59734 has 1 MA's), (67, 59761), (68, 59767), (73, 59803), (75, 59809), (79, 59821), (85, 59875), (89, 59902), (92, 59908), (101, 59956), (106, 59971),

Gene: Lambano_69 Start: 60049, Stop: 60612, Start Num: 36

Candidate Starts for Lambano_69:

(2, 59380), (4, 59566), (5, 59572), (9, 59740), (10, 59752), (Start: 22 @59956 has 1 MA's), (23, 59959), (Start: 36 @60049 has 27 MA's), (Start: 62 @60121 has 1 MA's), (68, 60154), (73, 60190), (77, 60202), (82, 60241), (85, 60262), (86, 60268), (92, 60298), (93, 60301), (101, 60346), (124, 60433), (142, 60547),

Gene: Lars_70 Start: 57802, Stop: 58515, Start Num: 37

Candidate Starts for Lars_70:

(28, 57745), (31, 57775), (Start: 37 @57802 has 37 MA's), (64, 57880), (73, 57943), (78, 57958), (85, 58015), (88, 58039), (91, 58048), (103, 58102), (108, 58120), (112, 58129), (125, 58195), (131, 58216), (165, 58492),

Gene: Larson_77 Start: 59918, Stop: 60520, Start Num: 32

Candidate Starts for Larson_77:

(Start: 32 @59918 has 280 MA's), (Start: 55 @59972 has 5 MA's), (Start: 62 @60002 has 1 MA's), (67, 60029), (68, 60035), (73, 60071), (75, 60077), (79, 60089), (85, 60143), (89, 60170), (92, 60176), (101, 60224), (106, 60239),

Gene: LasagnaCat_76 Start: 59955, Stop: 60557, Start Num: 32

Candidate Starts for LasagnaCat_76:

(Start: 32 @59955 has 280 MA's), (Start: 55 @60009 has 5 MA's), (Start: 62 @60039 has 1 MA's), (67, 60066), (68, 60072), (73, 60108), (75, 60114), (79, 60126), (85, 60180), (89, 60207), (92, 60213), (101, 60261), (106, 60276),

Gene: Lasso_74 Start: 59803, Stop: 60408, Start Num: 32

Candidate Starts for Lasso_74:

(Start: 32 @59803 has 280 MA's), (Start: 55 @59857 has 5 MA's), (Start: 62 @59887 has 1 MA's), (67, 59914), (68, 59920), (73, 59956), (75, 59962), (79, 59974), (85, 60028), (89, 60055), (92, 60061), (101, 60109), (106, 60124),

Gene: Laurie_69 Start: 57479, Stop: 58036, Start Num: 37

Candidate Starts for Laurie_69:

(28, 57422), (31, 57452), (Start: 37 @57479 has 37 MA's), (64, 57557), (73, 57620), (78, 57635), (85, 57692), (88, 57716), (91, 57725), (103, 57779), (108, 57797), (112, 57806), (125, 57872), (131, 57893),

Gene: LeeLot_74 Start: 60159, Stop: 60761, Start Num: 32

Candidate Starts for LeeLot_74:

(Start: 32 @60159 has 280 MA's), (Start: 55 @60213 has 5 MA's), (Start: 62 @60243 has 1 MA's), (67, 60270), (68, 60276), (73, 60312), (75, 60318), (79, 60330), (85, 60384), (89, 60411), (92, 60417), (101, 60465), (106, 60480),

Gene: Lego3393_73 Start: 60276, Stop: 60878, Start Num: 32

Candidate Starts for Lego3393_73:

(Start: 32 @60276 has 280 MA's), (Start: 55 @60330 has 5 MA's), (Start: 62 @60360 has 1 MA's), (67, 60387), (68, 60393), (73, 60429), (75, 60435), (79, 60447), (85, 60501), (89, 60528), (92, 60534), (101, 60582), (106, 60597),

Gene: Legolas_76 Start: 59898, Stop: 60500, Start Num: 32

Candidate Starts for Legolas_76:

(Start: 32 @59898 has 280 MA's), (Start: 55 @59952 has 5 MA's), (Start: 62 @59982 has 1 MA's), (67, 60009), (68, 60015), (73, 60051), (75, 60057), (79, 60069), (85, 60123), (89, 60150), (92, 60156), (101, 60204), (106, 60219),

Gene: Lehmann_77 Start: 60132, Stop: 60737, Start Num: 32

Candidate Starts for Lehmann_77:

(Start: 32 @60132 has 280 MA's), (Start: 55 @60186 has 5 MA's), (Start: 62 @60216 has 1 MA's), (67, 60243), (68, 60249), (73, 60285), (75, 60291), (79, 60303), (85, 60357), (89, 60384), (92, 60390), (101, 60438), (106, 60453), (132, 60555),

Gene: LeiMonet_77 Start: 60036, Stop: 60638, Start Num: 32

Candidate Starts for LeiMonet_77:

(Start: 32 @60036 has 280 MA's), (Start: 55 @60090 has 5 MA's), (Start: 62 @60120 has 1 MA's), (67, 60147), (68, 60153), (73, 60189), (75, 60195), (79, 60207), (85, 60261), (89, 60288), (92, 60294), (101, 60342), (106, 60357),

Gene: LemonSlice_75 Start: 59550, Stop: 60155, Start Num: 32

Candidate Starts for LemonSlice_75:

(Start: 32 @59550 has 280 MA's), (Start: 55 @59604 has 5 MA's), (Start: 62 @59634 has 1 MA's), (67, 59661), (68, 59667), (73, 59703), (75, 59709), (79, 59721), (85, 59775), (89, 59802), (92, 59808), (101, 59856), (106, 59871),

Gene: Lephleur_69 Start: 57664, Stop: 58377, Start Num: 37

Candidate Starts for Lephleur_69:

(28, 57607), (31, 57637), (Start: 37 @57664 has 37 MA's), (64, 57742), (73, 57805), (78, 57820), (85, 57877), (88, 57901), (91, 57910), (103, 57964), (108, 57982), (112, 57991), (125, 58057), (131, 58078), (165, 58354),

Gene: LestyG_75 Start: 59414, Stop: 59941, Start Num: 48

Candidate Starts for LestyG_75:

(Start: 48 @59414 has 53 MA's), (Start: 62 @59462 has 1 MA's), (64, 59471), (68, 59498), (73, 59534), (80, 59558), (109, 59714), (115, 59735), (127, 59792), (137, 59834), (140, 59855),

Gene: Ligma_71 Start: 53845, Stop: 54387, Start Num: 54

Candidate Starts for Ligma_71:

(Start: 54 @53845 has 8 MA's), (Start: 62 @53884 has 1 MA's), (68, 53914), (73, 53950), (80, 53974), (87, 54031), (88, 54046), (91, 54055), (118, 54160), (136, 54250),

Gene: LilMcDreamy_73 Start: 60983, Stop: 61516, Start Num: 50

Candidate Starts for LilMcDreamy_73:

(33, 60926), (Start: 50 @60983 has 7 MA's), (Start: 60 @61022 has 1 MA's), (68, 61061), (73, 61097), (74, 61100), (75, 61103), (76, 61106), (85, 61172), (87, 61181), (90, 61202), (101, 61256), (106, 61271), (137, 61400), (147, 61490),

Gene: LilSmirk_69 Start: 57701, Stop: 58414, Start Num: 37

Candidate Starts for LilSmirk_69:

(28, 57644), (31, 57674), (Start: 37 @57701 has 37 MA's), (64, 57779), (73, 57842), (78, 57857), (85, 57914), (88, 57938), (91, 57947), (103, 58001), (108, 58019), (112, 58028), (125, 58094), (131, 58115), (165, 58391),

Gene: LittleDigger_69 Start: 59974, Stop: 60537, Start Num: 36

Candidate Starts for LittleDigger_69:

(Start: 22 @59881 has 1 MA's), (23, 59884), (Start: 36 @59974 has 27 MA's), (Start: 62 @60046 has 1 MA's), (68, 60079), (73, 60115), (77, 60127), (82, 60166), (85, 60187), (86, 60193), (92, 60223), (93, 60226), (101, 60271), (124, 60358), (142, 60472),

Gene: LittleMinkey_88 Start: 63273, Stop: 63824, Start Num: 41

Candidate Starts for LittleMinkey_88:

(Start: 38 @63264 has 1 MA's), (Start: 41 @63273 has 2 MA's), (68, 63369), (72, 63402), (76, 63414), (85, 63477), (101, 63558), (111, 63585), (124, 63645), (127, 63660), (132, 63675), (144, 63774),

Gene: LittleMunchkin_71 Start: 56388, Stop: 56942, Start Num: 42

Candidate Starts for LittleMunchkin_71:

(Start: 42 @56388 has 1 MA's), (Start: 54 @56406 has 8 MA's), (Start: 62 @56445 has 1 MA's), (68, 56475), (80, 56535), (87, 56592), (88, 56607),

Gene: LizLemon_69 Start: 57829, Stop: 58542, Start Num: 37

Candidate Starts for LizLemon_69:

(28, 57772), (31, 57802), (Start: 37 @57829 has 37 MA's), (64, 57907), (73, 57970), (78, 57985), (85, 58042), (88, 58066), (91, 58075), (103, 58129), (108, 58147), (112, 58156), (125, 58222), (131, 58243), (165, 58519),

Gene: Lolalove_73 Start: 61284, Stop: 61850, Start Num: 36

Candidate Starts for Lolalove_73:

(5, 60744), (7, 60867), (9, 60912), (10, 60924), (14, 61044), (Start: 22 @61191 has 1 MA's), (23, 61194), (Start: 36 @61284 has 27 MA's), (Start: 62 @61356 has 1 MA's), (68, 61389), (73, 61425), (77, 61437), (82, 61476), (85, 61497), (86, 61503), (92, 61533), (93, 61536), (101, 61581), (124, 61668), (142, 61782),

Gene: Longacauda_76 Start: 59933, Stop: 60535, Start Num: 32

Candidate Starts for Longacauda_76:

(Start: 32 @59933 has 280 MA's), (Start: 55 @59987 has 5 MA's), (Start: 62 @60017 has 1 MA's), (67, 60044), (68, 60050), (73, 60086), (75, 60092), (79, 60104), (85, 60158), (89, 60185), (92, 60191), (101, 60239), (106, 60254),

Gene: Lopsy_72 Start: 59257, Stop: 59862, Start Num: 32

Candidate Starts for Lopsy_72:

(Start: 32 @59257 has 280 MA's), (Start: 55 @59311 has 5 MA's), (Start: 62 @59341 has 1 MA's), (67, 59368), (68, 59374), (73, 59410), (75, 59416), (79, 59428), (85, 59482), (89, 59509), (92, 59515), (101, 59563), (106, 59578),

Gene: LostAndPhound_74 Start: 60103, Stop: 60708, Start Num: 32

Candidate Starts for LostAndPhound_74:

(Start: 32 @60103 has 280 MA's), (Start: 55 @60157 has 5 MA's), (Start: 62 @60187 has 1 MA's), (67, 60214), (68, 60220), (73, 60256), (75, 60262), (79, 60274), (85, 60328), (89, 60355), (92, 60361), (101, 60409), (106, 60424),

Gene: LuckyMarjie_72 Start: 59315, Stop: 59917, Start Num: 32

Candidate Starts for LuckyMarjie_72:

(Start: 32 @59315 has 280 MA's), (Start: 55 @59369 has 5 MA's), (Start: 62 @59399 has 1 MA's), (67, 59426), (68, 59432), (73, 59468), (75, 59474), (79, 59486), (85, 59540), (89, 59567), (92, 59573), (101, 59621), (106, 59636),

Gene: Lulumae_72 Start: 59296, Stop: 59853, Start Num: 32

Candidate Starts for Lulumae_72:

(Start: 32 @59296 has 280 MA's), (Start: 55 @59350 has 5 MA's), (Start: 62 @59380 has 1 MA's), (67, 59407), (68, 59413), (73, 59449), (75, 59455), (79, 59467), (85, 59521), (89, 59548), (92, 59554), (101, 59602), (106, 59617),

Gene: Lulwa_72 Start: 58927, Stop: 59529, Start Num: 32

Candidate Starts for Lulwa_72:

(Start: 32 @58927 has 280 MA's), (Start: 55 @58981 has 5 MA's), (Start: 62 @59011 has 1 MA's), (67, 59038), (68, 59044), (73, 59080), (75, 59086), (79, 59098), (85, 59152), (89, 59179), (92, 59185), (101, 59233), (106, 59248),

Gene: Lumine_76 Start: 59750, Stop: 60355, Start Num: 32

Candidate Starts for Lumine_76:

(Start: 32 @59750 has 280 MA's), (Start: 55 @59804 has 5 MA's), (Start: 62 @59834 has 1 MA's), (67, 59861), (68, 59867), (73, 59903), (75, 59909), (79, 59921), (85, 59975), (89, 60002), (92, 60008), (101, 60056), (106, 60071),

Gene: MRabcd_75 Start: 60028, Stop: 60633, Start Num: 32

Candidate Starts for MRabcd_75:

(Start: 32 @60028 has 280 MA's), (Start: 55 @60082 has 5 MA's), (Start: 62 @60112 has 1 MA's), (67, 60139), (68, 60145), (73, 60181), (75, 60187), (79, 60199), (85, 60253), (89, 60280), (92, 60286), (101, 60334), (106, 60349),

Gene: Mag7_73 Start: 59511, Stop: 60116, Start Num: 32

Candidate Starts for Mag7_73:

(Start: 32 @59511 has 280 MA's), (Start: 55 @59565 has 5 MA's), (Start: 62 @59595 has 1 MA's), (67, 59622), (68, 59628), (73, 59664), (75, 59670), (79, 59682), (85, 59736), (89, 59763), (92, 59769), (101, 59817), (106, 59832),

Gene: Magic8_74 Start: 59875, Stop: 60480, Start Num: 32

Candidate Starts for Magic8_74:

(Start: 32 @59875 has 280 MA's), (Start: 55 @59929 has 5 MA's), (Start: 62 @59959 has 1 MA's), (67, 59986), (68, 59992), (73, 60028), (75, 60034), (79, 60046), (85, 60100), (89, 60127), (92, 60133), (101, 60181), (106, 60196),

Gene: Magpie_69 Start: 60908, Stop: 61474, Start Num: 36

Candidate Starts for Magpie_69:

(7, 60554), (9, 60599), (10, 60611), (Start: 22 @60815 has 1 MA's), (23, 60818), (Start: 36 @60908 has 27 MA's), (Start: 62 @60980 has 1 MA's), (68, 61013), (73, 61049), (77, 61061), (82, 61100), (85, 61121), (86, 61127), (92, 61157), (93, 61160), (101, 61205), (124, 61292), (142, 61406),

Gene: MakoManhole_70 Start: 54254, Stop: 54805, Start Num: 51

Candidate Starts for MakoManhole_70:

(Start: 51 @54254 has 7 MA's), (Start: 60 @54287 has 1 MA's), (68, 54323), (73, 54359), (76, 54368), (83, 54422), (87, 54440), (88, 54455), (91, 54464), (94, 54473), (103, 54518), (134, 54626), (137, 54650), (142, 54695), (163, 54797),

Gene: Mana_73 Start: 59719, Stop: 60321, Start Num: 32

Candidate Starts for Mana_73:

(Start: 32 @59719 has 280 MA's), (Start: 55 @59773 has 5 MA's), (Start: 62 @59803 has 1 MA's), (67, 59830), (68, 59836), (73, 59872), (75, 59878), (79, 59890), (85, 59944), (89, 59971), (92, 59977), (101, 60025), (106, 60040),

Gene: Manad_74 Start: 59845, Stop: 60450, Start Num: 32

Candidate Starts for Manad_74:

(Start: 32 @59845 has 280 MA's), (Start: 55 @59899 has 5 MA's), (Start: 62 @59929 has 1 MA's), (67, 59956), (68, 59962), (73, 59998), (75, 60004), (79, 60016), (85, 60070), (89, 60097), (92, 60103), (101, 60151), (106, 60166),

Gene: Mao1_4 Start: 3078, Stop: 3599, Start Num: 52

Candidate Starts for Mao1_4:

(Start: 52 @3078 has 3 MA's), (61, 3114), (66, 3135), (68, 3156), (80, 3216), (83, 3255), (85, 3264), (91, 3297), (99, 3342), (107, 3369), (119, 3405), (123, 3426), (127, 3450), (130, 3462), (132, 3468), (137, 3492), (138, 3495), (145, 3552), (153, 3585), (156, 3588), (157, 3591), (158, 3594),

Gene: Mariokart_69 Start: 53388, Stop: 53888, Start Num: 54

Candidate Starts for Mariokart_69:

(Start: 54 @53388 has 8 MA's), (Start: 62 @53427 has 1 MA's), (68, 53457), (72, 53490), (73, 53493), (80, 53517), (82, 53544), (87, 53574), (94, 53607), (113, 53685), (118, 53703),

Gene: Marley1013_78 Start: 60780, Stop: 61307, Start Num: 48

Candidate Starts for Marley1013_78:

(Start: 48 @60780 has 53 MA's), (Start: 62 @60828 has 1 MA's), (64, 60837), (68, 60864), (73, 60900), (80, 60924), (109, 61080), (115, 61101), (127, 61158), (137, 61200), (140, 61221),

Gene: Marlia_78 Start: 60313, Stop: 60840, Start Num: 48

Candidate Starts for Marlia_78:

(Start: 48 @60313 has 53 MA's), (Start: 62 @60361 has 1 MA's), (64, 60370), (68, 60397), (73, 60433), (80, 60457), (109, 60613), (115, 60634), (127, 60691), (137, 60733), (140, 60754),

Gene: Maru_75 Start: 60158, Stop: 60760, Start Num: 32

Candidate Starts for Maru_75:

(Start: 32 @60158 has 280 MA's), (Start: 55 @60212 has 5 MA's), (Start: 62 @60242 has 1 MA's), (67, 60269), (68, 60275), (73, 60311), (75, 60317), (79, 60329), (85, 60383), (89, 60410), (92, 60416), (101, 60464), (106, 60479),

Gene: Mask_5 Start: 3079, Stop: 3600, Start Num: 52

Candidate Starts for Mask_5:

(Start: 52 @3079 has 3 MA's), (61, 3115), (66, 3136), (68, 3157), (80, 3217), (83, 3256), (85, 3265), (91, 3298), (99, 3343), (107, 3370), (119, 3406), (123, 3427), (127, 3451), (130, 3463), (132, 3469), (137, 3493), (138, 3496), (145, 3553), (153, 3586), (156, 3589), (157, 3592), (158, 3595),

Gene: Maskar_76 Start: 59959, Stop: 60561, Start Num: 32

Candidate Starts for Maskar_76:

(Start: 32 @59959 has 280 MA's), (Start: 55 @60013 has 5 MA's), (Start: 62 @60043 has 1 MA's), (67, 60070), (68, 60076), (73, 60112), (75, 60118), (79, 60130), (85, 60184), (89, 60211), (92, 60217), (101, 60265), (106, 60280),

Gene: MasterPo_70 Start: 57696, Stop: 58409, Start Num: 37

Candidate Starts for MasterPo_70:

(31, 57669), (Start: 37 @57696 has 37 MA's), (64, 57774), (73, 57837), (78, 57852), (85, 57909), (88, 57933), (91, 57942), (103, 57996), (108, 58014), (112, 58023), (125, 58089), (131, 58110), (165, 58386),

Gene: Matalotodo_74 Start: 60558, Stop: 61160, Start Num: 32

Candidate Starts for Matalotodo_74:

(Start: 32 @60558 has 280 MA's), (Start: 55 @60612 has 5 MA's), (Start: 62 @60642 has 1 MA's), (67, 60669), (68, 60675), (73, 60711), (75, 60717), (79, 60729), (85, 60783), (89, 60810), (92, 60816), (101, 60864), (106, 60879),

Gene: Mcshane_74 Start: 59577, Stop: 60179, Start Num: 32

Candidate Starts for Mcshane_74:

(Start: 32 @59577 has 280 MA's), (Start: 55 @59631 has 5 MA's), (Start: 62 @59661 has 1 MA's), (67, 59688), (68, 59694), (73, 59730), (75, 59736), (79, 59748), (85, 59802), (89, 59829), (92, 59835), (101, 59883), (106, 59898),

Gene: Mecca_75 Start: 60130, Stop: 60732, Start Num: 32

Candidate Starts for Mecca_75:

(Start: 32 @60130 has 280 MA's), (Start: 55 @60184 has 5 MA's), (Start: 62 @60214 has 1 MA's), (67, 60241), (68, 60247), (73, 60283), (75, 60289), (79, 60301), (85, 60355), (89, 60382), (92, 60388), (101, 60436), (106, 60451),

Gene: Megabear_3 Start: 1974, Stop: 2498, Start Num: 55

Candidate Starts for Megabear_3:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85, 2157), (88, 2181), (91, 2190), (99, 2235), (104, 2250), (107, 2262), (119, 2298), (129, 2352), (130, 2355), (139, 2400),

Gene: Megamind20_75 Start: 59559, Stop: 60161, Start Num: 32

Candidate Starts for Megamind20_75:

(Start: 32 @59559 has 280 MA's), (Start: 55 @59613 has 5 MA's), (Start: 62 @59643 has 1 MA's), (67, 59670), (68, 59676), (73, 59712), (75, 59718), (79, 59730), (85, 59784), (89, 59811), (92, 59817), (101, 59865), (106, 59880),

Gene: Megatron_76 Start: 60248, Stop: 60850, Start Num: 32

Candidate Starts for Megatron_76:

(Start: 32 @60248 has 280 MA's), (Start: 55 @60302 has 5 MA's), (Start: 62 @60332 has 1 MA's), (67, 60359), (68, 60365), (73, 60401), (75, 60407), (79, 60419), (85, 60473), (89, 60500), (92, 60506), (101, 60554), (106, 60569),

Gene: Melc17_72 Start: 60186, Stop: 60788, Start Num: 32

Candidate Starts for Melc17_72:

(Start: 32 @60186 has 280 MA's), (Start: 55 @60240 has 5 MA's), (Start: 62 @60270 has 1 MA's), (67, 60297), (68, 60303), (73, 60339), (75, 60345), (79, 60357), (85, 60411), (89, 60438), (92, 60444), (101, 60492), (106, 60507),

Gene: MelsMeow_74 Start: 59838, Stop: 60440, Start Num: 32

Candidate Starts for MelsMeow_74:

(Start: 32 @59838 has 280 MA's), (Start: 55 @59892 has 5 MA's), (Start: 62 @59922 has 1 MA's), (67, 59949), (68, 59955), (73, 59991), (75, 59997), (79, 60009), (85, 60063), (89, 60090), (92, 60096), (101, 60144), (106, 60159),

Gene: Mesh1_76 Start: 60294, Stop: 60896, Start Num: 32

Candidate Starts for Mesh1_76:

(Start: 32 @60294 has 280 MA's), (Start: 55 @60348 has 5 MA's), (Start: 62 @60378 has 1 MA's), (67, 60405), (68, 60411), (73, 60447), (75, 60453), (79, 60465), (85, 60519), (89, 60546), (92, 60552), (101, 60600), (106, 60615),

Gene: Mesmerelda_74 Start: 60129, Stop: 60731, Start Num: 32

Candidate Starts for Mesmerelda_74:

(Start: 32 @60129 has 280 MA's), (Start: 55 @60183 has 5 MA's), (Start: 62 @60213 has 1 MA's), (67, 60240), (68, 60246), (73, 60282), (75, 60288), (79, 60300), (85, 60354), (89, 60381), (92, 60387), (101, 60435), (106, 60450),

Gene: MichaelPhcott_73 Start: 59508, Stop: 60113, Start Num: 32

Candidate Starts for MichaelPhcott_73:

(Start: 32 @59508 has 280 MA's), (Start: 55 @59562 has 5 MA's), (Start: 62 @59592 has 1 MA's), (67, 59619), (68, 59625), (73, 59661), (75, 59667), (79, 59679), (85, 59733), (89, 59760), (92, 59766), (101, 59814), (106, 59829),

Gene: Mikota_72 Start: 59108, Stop: 59710, Start Num: 32

Candidate Starts for Mikota_72:

(Start: 32 @59108 has 280 MA's), (Start: 55 @59162 has 5 MA's), (Start: 62 @59192 has 1 MA's), (67, 59219), (68, 59225), (73, 59261), (75, 59267), (79, 59279), (85, 59333), (89, 59360), (92, 59366), (101, 59414), (106, 59429),

Gene: MiniBoss_72 Start: 58883, Stop: 59485, Start Num: 32

Candidate Starts for MiniBoss_72:

(Start: 32 @58883 has 280 MA's), (Start: 55 @58937 has 5 MA's), (Start: 62 @58967 has 1 MA's), (67, 58994), (68, 59000), (73, 59036), (75, 59042), (79, 59054), (85, 59108), (89, 59135), (92, 59141), (101, 59189), (106, 59204),

Gene: MitKao_75 Start: 59728, Stop: 60333, Start Num: 32

Candidate Starts for MitKao_75:

(Start: 32 @59728 has 280 MA's), (Start: 55 @59782 has 5 MA's), (Start: 62 @59812 has 1 MA's), (67, 59839), (68, 59845), (73, 59881), (75, 59887), (79, 59899), (85, 59953), (89, 59980), (92, 59986), (101, 60034), (106, 60049),

Gene: Mithril_71 Start: 61283, Stop: 61849, Start Num: 36

Candidate Starts for Mithril_71:

(5, 60743), (7, 60866), (9, 60911), (10, 60923), (14, 61043), (Start: 22 @61190 has 1 MA's), (23, 61193), (Start: 36 @61283 has 27 MA's), (Start: 62 @61355 has 1 MA's), (68, 61388), (73, 61424), (77, 61436), (82, 61475), (85, 61496), (86, 61502), (92, 61532), (93, 61535), (101, 61580), (124, 61667), (142, 61781),

Gene: MmasiCarm_78 Start: 60283, Stop: 60810, Start Num: 48

Candidate Starts for MmasiCarm_78:

(Start: 48 @60283 has 53 MA's), (Start: 62 @60331 has 1 MA's), (64, 60340), (68, 60367), (73, 60403), (80, 60427), (109, 60583), (115, 60604), (127, 60661), (137, 60703), (140, 60724),

Gene: Morgushi_73 Start: 59543, Stop: 60148, Start Num: 32

Candidate Starts for Morgushi_73:

(Start: 32 @59543 has 280 MA's), (Start: 55 @59597 has 5 MA's), (Start: 62 @59627 has 1 MA's), (67, 59654), (68, 59660), (73, 59696), (75, 59702), (79, 59714), (85, 59768), (89, 59795), (92, 59801), (101, 59849), (106, 59864),

Gene: Mortcellus_77 Start: 60999, Stop: 61526, Start Num: 48

Candidate Starts for Mortcellus_77:

(Start: 48 @60999 has 53 MA's), (Start: 62 @61047 has 1 MA's), (64, 61056), (68, 61083), (73, 61119), (80, 61143), (109, 61299), (115, 61320), (127, 61377), (137, 61419), (140, 61440),

Gene: Morty_76 Start: 60139, Stop: 60741, Start Num: 32

Candidate Starts for Morty_76:

(Start: 32 @60139 has 280 MA's), (Start: 55 @60193 has 5 MA's), (Start: 62 @60223 has 1 MA's), (67, 60250), (68, 60256), (73, 60292), (75, 60298), (79, 60310), (85, 60364), (89, 60391), (92, 60397), (101, 60445), (106, 60460),

Gene: Morty007_76 Start: 60780, Stop: 61307, Start Num: 48

Candidate Starts for Morty007_76:

(Start: 48 @60780 has 53 MA's), (Start: 62 @60828 has 1 MA's), (64, 60837), (68, 60864), (73, 60900), (80, 60924), (109, 61080), (115, 61101), (127, 61158), (137, 61200), (140, 61221),

Gene: Mosaic_73 Start: 59723, Stop: 60325, Start Num: 32

Candidate Starts for Mosaic_73:

(Start: 32 @59723 has 280 MA's), (Start: 55 @59777 has 5 MA's), (Start: 62 @59807 has 1 MA's), (67, 59834), (68, 59840), (73, 59876), (75, 59882), (79, 59894), (85, 59948), (89, 59975), (92, 59981), (101, 60029), (106, 60044),

Gene: MossRose_73 Start: 55181, Stop: 55732, Start Num: 51

Candidate Starts for MossRose_73:

(Start: 51 @55181 has 7 MA's), (Start: 60 @55214 has 1 MA's), (68, 55250), (73, 55286), (76, 55295), (83, 55349), (87, 55367), (88, 55382), (94, 55400), (103, 55445), (106, 55457), (134, 55553), (137, 55577), (142, 55622), (163, 55724),

Gene: MrPhizzler_78 Start: 60025, Stop: 60627, Start Num: 32

Candidate Starts for MrPhizzler_78:

(Start: 32 @60025 has 280 MA's), (Start: 55 @60079 has 5 MA's), (Start: 62 @60109 has 1 MA's), (67, 60136), (68, 60142), (73, 60178), (75, 60184), (79, 60196), (85, 60250), (89, 60277), (92, 60283), (101, 60331), (106, 60346),

Gene: Mudslide_71 Start: 61241, Stop: 61807, Start Num: 36

Candidate Starts for Mudslide_71:

(Start: 36 @61241 has 27 MA's), (Start: 62 @61313 has 1 MA's), (68, 61346), (73, 61382), (77, 61394), (82, 61433), (85, 61454), (86, 61460), (92, 61490), (93, 61493), (101, 61538), (124, 61625),

Gene: Mulan_74 Start: 59771, Stop: 60373, Start Num: 32

Candidate Starts for Mulan_74:

(Start: 32 @59771 has 280 MA's), (Start: 55 @59825 has 5 MA's), (Start: 62 @59855 has 1 MA's), (67, 59882), (68, 59888), (73, 59924), (75, 59930), (79, 59942), (85, 59996), (89, 60023), (92, 60029), (101, 60077), (106, 60092),

Gene: Mulaychimus_78 Start: 60293, Stop: 60820, Start Num: 48

Candidate Starts for Mulaychimus_78:

(Start: 48 @60293 has 53 MA's), (Start: 62 @60341 has 1 MA's), (64, 60350), (68, 60377), (73, 60413), (80, 60437), (109, 60593), (115, 60614), (127, 60671), (137, 60713), (140, 60734),

Gene: Murdoc_72 Start: 59832, Stop: 60437, Start Num: 32

Candidate Starts for Murdoc_72:

(Start: 32 @59832 has 280 MA's), (Start: 55 @59886 has 5 MA's), (Start: 62 @59916 has 1 MA's), (67, 59943), (68, 59949), (73, 59985), (75, 59991), (79, 60003), (85, 60057), (89, 60084), (92, 60090), (101, 60138), (106, 60153),

Gene: Mutante_76 Start: 59733, Stop: 60335, Start Num: 32

Candidate Starts for Mutante_76:

(Start: 32 @59733 has 280 MA's), (Start: 55 @59787 has 5 MA's), (Start: 62 @59817 has 1 MA's), (67, 59844), (68, 59850), (73, 59886), (75, 59892), (79, 59904), (85, 59958), (89, 59985), (92, 59991), (101, 60039), (106, 60054),

Gene: Mysterious_73 Start: 60934, Stop: 61446, Start Num: 58

Candidate Starts for Mysterious_73:

(Start: 58 @60934 has 9 MA's), (Start: 60 @60958 has 1 MA's), (Start: 62 @60964 has 1 MA's), (64, 60973), (68, 60997), (70, 61024), (75, 61039), (76, 61042), (81, 61060), (83, 61099), (85, 61108), (90, 61138), (92, 61144), (101, 61192), (127, 61294), (137, 61336),

Gene: NHagos_70 Start: 53462, Stop: 54169, Start Num: 57

Candidate Starts for NHagos_70:

(Start: 57 @53462 has 1 MA's), (68, 53525), (73, 53561), (76, 53570), (87, 53642), (88, 53657), (91, 53666), (96, 53681), (113, 53753), (124, 53804), (134, 53840), (137, 53864), (146, 53960), (164, 54101),

Gene: Nacho_0078 Start: 60630, Stop: 61232, Start Num: 32

Candidate Starts for Nacho_0078:

(Start: 32 @60630 has 280 MA's), (Start: 55 @60684 has 5 MA's), (Start: 62 @60714 has 1 MA's), (67, 60741), (68, 60747), (73, 60783), (75, 60789), (79, 60801), (85, 60855), (89, 60882), (92, 60888), (101, 60936), (106, 60951),

Gene: Nanao_70 Start: 60039, Stop: 60602, Start Num: 36

Candidate Starts for Nanao_70:

(4, 59556), (5, 59562), (9, 59730), (10, 59742), (Start: 22 @59946 has 1 MA's), (23, 59949), (Start: 36 @60039 has 27 MA's), (Start: 62 @60111 has 1 MA's), (68, 60144), (73, 60180), (77, 60192), (82, 60231), (85, 60252), (86, 60258), (92, 60288), (93, 60291), (101, 60336), (124, 60423), (142, 60537),

Gene: Nangang_74 Start: 61086, Stop: 61571, Start Num: 60

Candidate Starts for Nangang_74:

(Start: 58 @61062 has 9 MA's), (Start: 60 @61086 has 1 MA's), (64, 61101), (68, 61125), (70, 61152), (74, 61164), (75, 61167), (76, 61170), (81, 61188), (85, 61236), (90, 61266), (92, 61272), (94, 61278), (101, 61320), (125, 61416), (137, 61464), (141, 61503),

Gene: Nathan_76 Start: 60088, Stop: 60690, Start Num: 32

Candidate Starts for Nathan_76:

(Start: 32 @60088 has 280 MA's), (Start: 55 @60142 has 5 MA's), (Start: 62 @60172 has 1 MA's), (67, 60199), (68, 60205), (73, 60241), (75, 60247), (79, 60259), (85, 60313), (89, 60340), (92, 60346), (101, 60394), (106, 60409),

Gene: Nehemiah_73 Start: 60761, Stop: 61249, Start Num: 60

Candidate Starts for Nehemiah_73:

(Start: 58 @60737 has 9 MA's), (Start: 60 @60761 has 1 MA's), (Start: 62 @60767 has 1 MA's), (64, 60776), (68, 60800), (70, 60827), (75, 60842), (76, 60845), (81, 60863), (83, 60902), (85, 60911), (90, 60941), (92, 60947), (101, 60995), (127, 61097), (137, 61139),

Gene: Neos5_77 Start: 60242, Stop: 60769, Start Num: 48

Candidate Starts for Neos5_77:

(Start: 48 @60242 has 53 MA's), (Start: 62 @60290 has 1 MA's), (64, 60299), (68, 60326), (73, 60362), (80, 60386), (109, 60542), (115, 60563), (127, 60620), (137, 60662), (140, 60683),

Gene: Newman_73 Start: 59907, Stop: 60509, Start Num: 32

Candidate Starts for Newman_73:

(Start: 32 @59907 has 280 MA's), (Start: 55 @59961 has 5 MA's), (Start: 62 @59991 has 1 MA's), (67, 60018), (68, 60024), (73, 60060), (75, 60066), (79, 60078), (85, 60132), (89, 60159), (92, 60165), (101, 60213), (106, 60228),

Gene: Nicole21_76 Start: 59866, Stop: 60468, Start Num: 32

Candidate Starts for Nicole21_76:

(Start: 32 @59866 has 280 MA's), (Start: 55 @59920 has 5 MA's), (Start: 62 @59950 has 1 MA's), (67, 59977), (68, 59983), (73, 60019), (75, 60025), (79, 60037), (85, 60091), (89, 60118), (92, 60124), (101, 60172), (106, 60187),

Gene: Nigel_69 Start: 59859, Stop: 60434, Start Num: 36

Candidate Starts for Nigel_69:

(Start: 36 @59859 has 27 MA's), (68, 59976), (73, 60012), (77, 60024), (82, 60063), (85, 60084), (86, 60090), (93, 60123), (94, 60126), (101, 60168), (124, 60255), (142, 60369), (150, 60423),

Gene: Nozo_77 Start: 60651, Stop: 61178, Start Num: 48

Candidate Starts for Nozo_77:

(Start: 48 @60651 has 53 MA's), (Start: 62 @60699 has 1 MA's), (64, 60708), (68, 60735), (73, 60771), (80, 60795), (85, 60843), (109, 60951), (115, 60972), (127, 61029), (137, 61071), (140, 61092),

Gene: Numberten_74 Start: 59842, Stop: 60447, Start Num: 32

Candidate Starts for Numberten_74:

(Start: 32 @59842 has 280 MA's), (Start: 55 @59896 has 5 MA's), (Start: 62 @59926 has 1 MA's), (67, 59953), (68, 59959), (73, 59995), (75, 60001), (79, 60013), (85, 60067), (89, 60094), (92, 60100), (101, 60148), (106, 60163),

Gene: Nyala_74 Start: 59584, Stop: 60186, Start Num: 32

Candidate Starts for Nyala_74:

(Start: 32 @59584 has 280 MA's), (Start: 55 @59638 has 5 MA's), (Start: 62 @59668 has 1 MA's), (67, 59695), (68, 59701), (73, 59737), (75, 59743), (79, 59755), (85, 59809), (89, 59836), (92, 59842), (101, 59890), (106, 59905),

Gene: OSmaximus_75 Start: 60540, Stop: 61142, Start Num: 32

Candidate Starts for OSmaximus_75:

(Start: 32 @60540 has 280 MA's), (Start: 55 @60594 has 5 MA's), (Start: 62 @60624 has 1 MA's), (67, 60651), (68, 60657), (73, 60693), (75, 60699), (79, 60711), (85, 60765), (89, 60792), (92, 60798), (101, 60846), (106, 60861),

Gene: Obutu_79 Start: 60454, Stop: 60981, Start Num: 48

Candidate Starts for Obutu_79:

(Start: 48 @60454 has 53 MA's), (Start: 62 @60502 has 1 MA's), (64, 60511), (68, 60538), (73, 60574), (80, 60598), (109, 60754), (115, 60775), (127, 60832), (137, 60874), (140, 60895),

Gene: Olak_74 Start: 59737, Stop: 60339, Start Num: 32

Candidate Starts for Olak_74:

(Start: 32 @59737 has 280 MA's), (Start: 55 @59791 has 5 MA's), (Start: 62 @59821 has 1 MA's), (67, 59848), (68, 59854), (73, 59890), (75, 59896), (79, 59908), (85, 59962), (89, 59989), (92, 59995), (101, 60043), (106, 60058),

Gene: Oline_74 Start: 59736, Stop: 60338, Start Num: 32

Candidate Starts for Oline_74:

(Start: 32 @59736 has 280 MA's), (Start: 55 @59790 has 5 MA's), (Start: 62 @59820 has 1 MA's), (67, 59847), (68, 59853), (73, 59889), (75, 59895), (79, 59907), (85, 59961), (89, 59988), (92, 59994), (101, 60042), (106, 60057),

Gene: Olive_73 Start: 59803, Stop: 60405, Start Num: 32

Candidate Starts for Olive_73:

(Start: 32 @59803 has 280 MA's), (Start: 55 @59857 has 5 MA's), (Start: 62 @59887 has 1 MA's), (67, 59914), (68, 59920), (73, 59956), (75, 59962), (79, 59974), (85, 60028), (89, 60055), (92, 60061), (101, 60109), (106, 60124),

Gene: OliverWalter_75 Start: 60056, Stop: 60658, Start Num: 32

Candidate Starts for OliverWalter_75:

(Start: 32 @60056 has 280 MA's), (Start: 55 @60110 has 5 MA's), (Start: 62 @60140 has 1 MA's), (67, 60167), (68, 60173), (73, 60209), (75, 60215), (79, 60227), (85, 60281), (89, 60308), (92, 60314), (101, 60362), (106, 60377),

Gene: Olivio_77 Start: 60095, Stop: 60622, Start Num: 48

Candidate Starts for Olivio_77:

(Start: 48 @60095 has 53 MA's), (Start: 62 @60143 has 1 MA's), (64, 60152), (68, 60179), (73, 60215), (80, 60239), (85, 60287), (109, 60395), (115, 60416), (127, 60473), (137, 60515), (140, 60536),

Gene: Omniscient_76 Start: 60438, Stop: 61040, Start Num: 32

Candidate Starts for Omniscient_76:

(Start: 32 @60438 has 280 MA's), (Start: 55 @60492 has 5 MA's), (Start: 62 @60522 has 1 MA's), (67, 60549), (68, 60555), (73, 60591), (75, 60597), (79, 60609), (85, 60663), (89, 60690), (92, 60696), (101, 60744), (106, 60759),

Gene: OneBrain_78 Start: 59820, Stop: 60422, Start Num: 32

Candidate Starts for OneBrain_78:

(Start: 32 @59820 has 280 MA's), (Start: 55 @59874 has 5 MA's), (Start: 62 @59904 has 1 MA's), (67, 59931), (68, 59937), (73, 59973), (75, 59979), (79, 59991), (85, 60045), (89, 60072), (92, 60078), (101, 60126), (106, 60141),

Gene: Oosterbaan_75 Start: 59974, Stop: 60576, Start Num: 32

Candidate Starts for Oosterbaan_75:

(Start: 32 @59974 has 280 MA's), (Start: 55 @60028 has 5 MA's), (Start: 62 @60058 has 1 MA's), (67, 60085), (68, 60091), (73, 60127), (75, 60133), (79, 60145), (85, 60199), (89, 60226), (92, 60232), (101, 60280), (106, 60295),

Gene: Opia_70 Start: 57722, Stop: 58435, Start Num: 37

Candidate Starts for Opia_70:

(28, 57665), (31, 57695), (Start: 37 @57722 has 37 MA's), (64, 57800), (73, 57863), (78, 57878), (85, 57935), (88, 57959), (91, 57968), (103, 58022), (108, 58040), (112, 58049), (125, 58115), (131, 58136), (165, 58412),

Gene: OrangeOswald_77 Start: 59885, Stop: 60412, Start Num: 48

Candidate Starts for OrangeOswald_77:

(Start: 48 @59885 has 53 MA's), (Start: 62 @59933 has 1 MA's), (64, 59942), (68, 59969), (73, 60005), (80, 60029), (109, 60185), (115, 60206), (127, 60263), (137, 60305), (140, 60326),

Gene: Orfeu_74 Start: 60093, Stop: 60698, Start Num: 32

Candidate Starts for Orfeu_74:

(Start: 32 @60093 has 280 MA's), (Start: 55 @60147 has 5 MA's), (Start: 62 @60177 has 1 MA's), (67, 60204), (68, 60210), (73, 60246), (75, 60252), (79, 60264), (85, 60318), (89, 60345), (92, 60351), (101, 60399), (106, 60414),

Gene: Orion_75 Start: 59684, Stop: 60286, Start Num: 32

Candidate Starts for Orion_75:

(Start: 32 @59684 has 280 MA's), (Start: 55 @59738 has 5 MA's), (Start: 62 @59768 has 1 MA's), (67, 59795), (68, 59801), (73, 59837), (75, 59843), (79, 59855), (85, 59909), (89, 59936), (92, 59942), (101, 59990), (106, 60005),

Gene: Orwigg_74 Start: 59523, Stop: 60125, Start Num: 32

Candidate Starts for Orwigg_74:

(Start: 32 @59523 has 280 MA's), (Start: 55 @59577 has 5 MA's), (Start: 62 @59607 has 1 MA's), (67, 59634), (68, 59640), (73, 59676), (75, 59682), (79, 59694), (85, 59748), (89, 59775), (92, 59781), (101, 59829), (106, 59844),

Gene: PG1_75 Start: 60255, Stop: 60857, Start Num: 32

Candidate Starts for PG1_75:

(Start: 32 @60255 has 280 MA's), (Start: 55 @60309 has 5 MA's), (Start: 62 @60339 has 1 MA's), (67, 60366), (68, 60372), (73, 60408), (75, 60414), (79, 60426), (85, 60480), (89, 60507), (92, 60513), (101, 60561), (106, 60576),

Gene: PR_03 Start: 1962, Stop: 2498, Start Num: 48

Candidate Starts for PR_03:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85, 2157), (88, 2181), (91, 2190), (99, 2235), (104, 2250), (107, 2262), (119, 2298), (129, 2352), (130, 2355), (139, 2400),

Gene: Pacifista_74 Start: 59585, Stop: 60187, Start Num: 32

Candidate Starts for Pacifista_74:

(Start: 32 @59585 has 280 MA's), (Start: 55 @59639 has 5 MA's), (Start: 62 @59669 has 1 MA's), (67, 59696), (68, 59702), (73, 59738), (75, 59744), (79, 59756), (85, 59810), (89, 59837), (92, 59843), (101, 59891), (106, 59906),

Gene: PallasAthena_76 Start: 59565, Stop: 60170, Start Num: 32

Candidate Starts for PallasAthena_76:

(Start: 32 @59565 has 280 MA's), (Start: 55 @59619 has 5 MA's), (Start: 62 @59649 has 1 MA's), (67, 59676), (68, 59682), (73, 59718), (75, 59724), (79, 59736), (85, 59790), (89, 59817), (92, 59823), (101, 59871), (106, 59886),

Gene: PenguinLover67_75 Start: 61312, Stop: 61863, Start Num: 47

Candidate Starts for PenguinLover67_75:

(Start: 47 @61312 has 2 MA's), (65, 61372), (68, 61393), (73, 61429), (76, 61438), (85, 61501), (101, 61585), (103, 61588), (106, 61600), (124, 61672), (127, 61687), (142, 61786),

Gene: Phaedrus_72 Start: 59302, Stop: 59829, Start Num: 48

Candidate Starts for Phaedrus_72:

(Start: 48 @59302 has 53 MA's), (Start: 62 @59350 has 1 MA's), (64, 59359), (68, 59386), (73, 59422), (80, 59446), (85, 59494), (109, 59602), (115, 59623), (127, 59680), (137, 59722), (140, 59743),

Gene: Phamished_75 Start: 59754, Stop: 60356, Start Num: 32

Candidate Starts for Phamished_75:

(Start: 32 @59754 has 280 MA's), (Start: 55 @59808 has 5 MA's), (Start: 62 @59838 has 1 MA's), (67, 59865), (68, 59871), (73, 59907), (75, 59913), (79, 59925), (85, 59979), (89, 60006), (92, 60012), (101, 60060), (106, 60075),

Gene: Phantasmagoria_68 Start: 57711, Stop: 58424, Start Num: 37

Candidate Starts for Phantasmagoria_68:

(28, 57654), (31, 57684), (Start: 37 @57711 has 37 MA's), (64, 57789), (73, 57852), (78, 57867), (85, 57924), (88, 57948), (91, 57957), (103, 58011), (108, 58029), (112, 58038), (125, 58104), (131, 58125), (165, 58401),

Gene: Phareon_73 Start: 59274, Stop: 59876, Start Num: 32

Candidate Starts for Phareon_73:

(Start: 32 @59274 has 280 MA's), (Start: 55 @59328 has 5 MA's), (Start: 62 @59358 has 1 MA's), (67, 59385), (68, 59391), (73, 59427), (75, 59433), (79, 59445), (85, 59499), (89, 59526), (92, 59532), (101, 59580), (106, 59595),

Gene: PhatCats2014_76 Start: 60260, Stop: 60862, Start Num: 32

Candidate Starts for PhatCats2014_76:

(Start: 32 @60260 has 280 MA's), (Start: 55 @60314 has 5 MA's), (Start: 62 @60344 has 1 MA's), (67, 60371), (68, 60377), (73, 60413), (75, 60419), (79, 60431), (85, 60485), (89, 60512), (92, 60518), (101, 60566), (106, 60581),

Gene: PhatLouie_77 Start: 60108, Stop: 60710, Start Num: 32

Candidate Starts for PhatLouie_77:

(Start: 32 @60108 has 280 MA's), (Start: 55 @60162 has 5 MA's), (Start: 62 @60192 has 1 MA's), (67, 60219), (68, 60225), (73, 60261), (75, 60267), (79, 60279), (85, 60333), (89, 60360), (92, 60366), (101, 60414), (106, 60429),

Gene: Phayeta_80 Start: 60371, Stop: 60898, Start Num: 48

Candidate Starts for Phayeta_80:

(Start: 48 @60371 has 53 MA's), (Start: 62 @60419 has 1 MA's), (64, 60428), (68, 60455), (73, 60491), (80, 60515), (85, 60563), (109, 60671), (115, 60692), (127, 60749), (137, 60791), (140, 60812),

Gene: Phelemich_71 Start: 60803, Stop: 61315, Start Num: 58

Candidate Starts for Phelemich_71:

(Start: 58 @60803 has 9 MA's), (Start: 60 @60827 has 1 MA's), (64, 60842), (68, 60866), (70, 60893), (73, 60902), (74, 60905), (75, 60908), (76, 60911), (81, 60929), (83, 60968), (85, 60977), (90, 61007), (92, 61013), (101, 61061), (135, 61184), (137, 61205),

Gene: PhenghisKhan_75 Start: 59725, Stop: 60330, Start Num: 32

Candidate Starts for PhenghisKhan_75:

(Start: 32 @59725 has 280 MA's), (Start: 55 @59779 has 5 MA's), (Start: 62 @59809 has 1 MA's), (67, 59836), (68, 59842), (73, 59878), (75, 59884), (79, 59896), (85, 59950), (89, 59977), (92, 59983), (101, 60031), (106, 60046),

Gene: Pherdinand_76 Start: 59976, Stop: 60578, Start Num: 32

Candidate Starts for Pherdinand_76:

(Start: 32 @59976 has 280 MA's), (Start: 55 @60030 has 5 MA's), (Start: 62 @60060 has 1 MA's), (67, 60087), (68, 60093), (73, 60129), (75, 60135), (79, 60147), (85, 60201), (89, 60228), (92, 60234), (101, 60282), (106, 60297),

Gene: Phergie_75 Start: 59717, Stop: 60322, Start Num: 32

Candidate Starts for Phergie_75:

(Start: 32 @59717 has 280 MA's), (Start: 55 @59771 has 5 MA's), (Start: 62 @59801 has 1 MA's), (67, 59828), (68, 59834), (73, 59870), (75, 59876), (79, 59888), (85, 59942), (89, 59969), (92, 59975), (101, 60023), (106, 60038),

Gene: Philly_76 Start: 59734, Stop: 60261, Start Num: 48

Candidate Starts for Philly_76:

(Start: 48 @59734 has 53 MA's), (Start: 62 @59782 has 1 MA's), (64, 59791), (68, 59818), (73, 59854), (80, 59878), (109, 60034), (115, 60055), (127, 60112), (137, 60154), (140, 60175),

Gene: Phipps_74 Start: 59807, Stop: 60412, Start Num: 32

Candidate Starts for Phipps_74:

(Start: 32 @59807 has 280 MA's), (Start: 55 @59861 has 5 MA's), (Start: 62 @59891 has 1 MA's), (67, 59918), (68, 59924), (73, 59960), (75, 59966), (79, 59978), (85, 60032), (89, 60059), (92, 60065), (101, 60113), (106, 60128),

Gene: Phleuron_73 Start: 59544, Stop: 60146, Start Num: 32

Candidate Starts for Phleuron_73:

(Start: 32 @59544 has 280 MA's), (Start: 55 @59598 has 5 MA's), (Start: 62 @59628 has 1 MA's), (67, 59655), (68, 59661), (73, 59697), (75, 59703), (79, 59715), (85, 59769), (89, 59796), (92, 59802), (101, 59850), (106, 59865),

Gene: Phlyer_77 Start: 60597, Stop: 61124, Start Num: 48

Candidate Starts for Phlyer_77:

(Start: 48 @60597 has 53 MA's), (Start: 62 @60645 has 1 MA's), (64, 60654), (68, 60681), (73, 60717), (80, 60741), (85, 60789), (109, 60897), (115, 60918), (127, 60975), (137, 61017), (140, 61038),

Gene: PhrankReynolds_74 Start: 59722, Stop: 60327, Start Num: 32

Candidate Starts for PhrankReynolds_74:

(Start: 32 @59722 has 280 MA's), (Start: 55 @59776 has 5 MA's), (Start: 62 @59806 has 1 MA's), (67, 59833), (68, 59839), (73, 59875), (75, 59881), (79, 59893), (85, 59947), (89, 59974), (92, 59980), (101, 60028), (106, 60043),

Gene: PhrodoBaggins_77 Start: 60116, Stop: 60718, Start Num: 32

Candidate Starts for PhrodoBaggins_77:

(Start: 32 @60116 has 280 MA's), (Start: 55 @60170 has 5 MA's), (Start: 62 @60200 has 1 MA's), (67, 60227), (68, 60233), (73, 60269), (75, 60275), (79, 60287), (85, 60341), (89, 60368), (92, 60374), (101, 60422), (106, 60437),

Gene: Phunky_73 Start: 59607, Stop: 60209, Start Num: 32

Candidate Starts for Phunky_73:

(Start: 32 @59607 has 280 MA's), (Start: 55 @59661 has 5 MA's), (Start: 62 @59691 has 1 MA's), (67, 59718), (68, 59724), (73, 59760), (75, 59766), (79, 59778), (85, 59832), (89, 59859), (92, 59865), (101, 59913), (106, 59928),

Gene: Piglet_0075 Start: 60232, Stop: 60834, Start Num: 32

Candidate Starts for Piglet_0075:

(Start: 32 @60232 has 280 MA's), (Start: 55 @60286 has 5 MA's), (Start: 62 @60316 has 1 MA's), (67, 60343), (68, 60349), (73, 60385), (75, 60391), (79, 60403), (85, 60457), (89, 60484), (92, 60490), (101, 60538), (106, 60553),

Gene: PinheadLarry_74 Start: 59884, Stop: 60441, Start Num: 32

Candidate Starts for PinheadLarry_74:

(Start: 32 @59884 has 280 MA's), (Start: 55 @59938 has 5 MA's), (Start: 62 @59968 has 1 MA's), (67, 59995), (68, 60001), (73, 60037), (75, 60043), (79, 60055), (85, 60109), (89, 60136), (92, 60142), (101, 60190), (106, 60205),

Gene: Pinkman_75 Start: 59831, Stop: 60436, Start Num: 32

Candidate Starts for Pinkman_75:

(Start: 32 @59831 has 280 MA's), (Start: 55 @59885 has 5 MA's), (Start: 62 @59915 has 1 MA's), (67, 59942), (73, 59984), (75, 59990), (79, 60002), (85, 60056), (89, 60083), (92, 60089), (101, 60137), (106, 60152),

Gene: Pipefish_79 Start: 61041, Stop: 61520, Start Num: 62

Candidate Starts for Pipefish_79:

(Start: 48 @60993 has 53 MA's), (Start: 62 @61041 has 1 MA's), (64, 61050), (68, 61077), (73, 61113), (80, 61137), (85, 61185), (109, 61293), (115, 61314), (127, 61371), (137, 61413), (140, 61434),

Gene: Pipsqueak_72 Start: 59563, Stop: 60165, Start Num: 32

Candidate Starts for Pipsqueak_72:

(Start: 32 @59563 has 280 MA's), (Start: 55 @59617 has 5 MA's), (Start: 62 @59647 has 1 MA's), (67, 59674), (68, 59680), (73, 59716), (75, 59722), (79, 59734), (85, 59788), (89, 59815), (92, 59821), (101, 59869), (106, 59884),

Gene: Placalicious_74 Start: 60598, Stop: 61200, Start Num: 32

Candidate Starts for Placalicious_74:

(Start: 32 @60598 has 280 MA's), (Start: 55 @60652 has 5 MA's), (Start: 62 @60682 has 1 MA's), (67, 60709), (68, 60715), (73, 60751), (75, 60757), (79, 60769), (85, 60823), (89, 60850), (92, 60856), (101, 60904), (106, 60919),

Gene: Plata_74 Start: 59819, Stop: 60424, Start Num: 32

Candidate Starts for Plata_74:

(Start: 32 @59819 has 280 MA's), (Start: 55 @59873 has 5 MA's), (Start: 62 @59903 has 1 MA's), (67, 59930), (68, 59936), (73, 59972), (75, 59978), (79, 59990), (85, 60044), (89, 60071), (92, 60077), (101, 60125), (106, 60140),

Gene: Plmatters_73 Start: 59560, Stop: 60162, Start Num: 32

Candidate Starts for Plmatters_73:

(Start: 32 @59560 has 280 MA's), (Start: 55 @59614 has 5 MA's), (Start: 62 @59644 has 1 MA's), (67, 59671), (68, 59677), (73, 59713), (75, 59719), (79, 59731), (85, 59785), (89, 59812), (92, 59818), (101, 59866), (106, 59881),

Gene: Podrick_74 Start: 59641, Stop: 60246, Start Num: 32

Candidate Starts for Podrick_74:

(Start: 32 @59641 has 280 MA's), (Start: 55 @59695 has 5 MA's), (Start: 62 @59725 has 1 MA's), (67, 59752), (68, 59758), (73, 59794), (75, 59800), (79, 59812), (85, 59866), (89, 59893), (92, 59899), (101, 59947), (106, 59962),

Gene: Pops_73 Start: 59573, Stop: 60175, Start Num: 32

Candidate Starts for Pops_73:

(Start: 32 @59573 has 280 MA's), (Start: 55 @59627 has 5 MA's), (Start: 62 @59657 has 1 MA's), (67, 59684), (68, 59690), (73, 59726), (75, 59732), (79, 59744), (83, 59789), (85, 59798), (89, 59825), (92, 59831), (101, 59879), (106, 59894),

Gene: Poster_69 Start: 60040, Stop: 60603, Start Num: 36

Candidate Starts for Poster_69:

(4, 59557), (5, 59563), (9, 59731), (10, 59743), (Start: 22 @59947 has 1 MA's), (23, 59950), (Start: 36 @60040 has 27 MA's), (Start: 62 @60112 has 1 MA's), (68, 60145), (73, 60181), (77, 60193), (82, 60232), (85, 60253), (86, 60259), (92, 60289), (93, 60292), (101, 60337), (124, 60424), (142, 60538),

Gene: Potter_71 Start: 59566, Stop: 60168, Start Num: 32

Candidate Starts for Potter_71:

(Start: 32 @59566 has 280 MA's), (Start: 55 @59620 has 5 MA's), (Start: 62 @59650 has 1 MA's), (67, 59677), (68, 59683), (73, 59719), (75, 59725), (79, 59737), (85, 59791), (89, 59818), (92, 59824), (101, 59872), (106, 59887),

Gene: Prickles_76 Start: 60088, Stop: 60690, Start Num: 32

Candidate Starts for Prickles_76:

(Start: 32 @60088 has 280 MA's), (Start: 55 @60142 has 5 MA's), (Start: 62 @60172 has 1 MA's), (67, 60199), (68, 60205), (73, 60241), (75, 60247), (79, 60259), (85, 60313), (89, 60340), (92, 60346), (101, 60394), (106, 60409),

Gene: Prince_70 Start: 61142, Stop: 61705, Start Num: 36

Candidate Starts for Prince_70:

(Start: 22 @61049 has 1 MA's), (23, 61052), (Start: 36 @61142 has 27 MA's), (Start: 62 @61214 has 1 MA's), (68, 61247), (73, 61283), (77, 61295), (82, 61334), (85, 61355), (86, 61361), (92, 61391), (93, 61394), (101, 61439), (124, 61526),

Gene: PrinceCharming_70 Start: 57751, Stop: 58464, Start Num: 37

Candidate Starts for PrinceCharming_70:

(28, 57694), (31, 57724), (Start: 37 @57751 has 37 MA's), (64, 57829), (73, 57892), (78, 57907), (85, 57964), (88, 57988), (91, 57997), (93, 58003), (103, 58051), (108, 58069), (112, 58078), (125, 58144), (131, 58165), (165, 58441),

Gene: ProfessorX_73 Start: 59604, Stop: 60206, Start Num: 32

Candidate Starts for ProfessorX_73:

(Start: 32 @59604 has 280 MA's), (Start: 55 @59658 has 5 MA's), (Start: 62 @59688 has 1 MA's), (67, 59715), (68, 59721), (73, 59757), (75, 59763), (79, 59775), (85, 59829), (89, 59856), (92, 59862), (101, 59910), (106, 59925),

Gene: Puhltonio_73 Start: 59830, Stop: 60435, Start Num: 32

Candidate Starts for Puhltonio_73:

(Start: 32 @59830 has 280 MA's), (Start: 55 @59884 has 5 MA's), (Start: 62 @59914 has 1 MA's), (67, 59941), (68, 59947), (73, 59983), (75, 59989), (79, 60001), (85, 60055), (89, 60082), (92, 60088), (101, 60136), (106, 60151),

Gene: QueenBeane_75 Start: 59876, Stop: 60481, Start Num: 32

Candidate Starts for QueenBeane_75:

(Start: 32 @59876 has 280 MA's), (Start: 55 @59930 has 5 MA's), (Start: 62 @59960 has 1 MA's), (67, 59987), (68, 59993), (73, 60029), (75, 60035), (79, 60047), (85, 60101), (89, 60128), (92, 60134), (101, 60182), (106, 60197),

Gene: QueenPie_65 Start: 60062, Stop: 60628, Start Num: 36

Candidate Starts for QueenPie_65:

(18, 59984), (Start: 36 @60062 has 27 MA's), (Start: 62 @60134 has 1 MA's), (68, 60167), (73, 60203), (77, 60215), (82, 60254), (85, 60275), (86, 60281), (92, 60311), (93, 60314), (101, 60359), (103, 60362), (124, 60446), (142, 60560),

Gene: Quesadilla_75 Start: 61689, Stop: 62225, Start Num: 49

Candidate Starts for Quesadilla_75:

(Start: 49 @61689 has 1 MA's), (Start: 62 @61734 has 1 MA's), (68, 61767), (76, 61812), (80, 61827), (85, 61875), (87, 61884), (91, 61908), (96, 61923), (101, 61959), (126, 62058), (127, 62061), (142, 62160), (149, 62211),

Gene: Quisquilliae_77 Start: 59897, Stop: 60502, Start Num: 32

Candidate Starts for Quisquilliae_77:

(Start: 32 @59897 has 280 MA's), (Start: 55 @59951 has 5 MA's), (Start: 62 @59981 has 1 MA's), (67, 60008), (68, 60014), (73, 60050), (75, 60056), (79, 60068), (85, 60122), (89, 60149), (92, 60155), (101, 60203), (106, 60218),

Gene: Qyrzula_63 Start: 57837, Stop: 58394, Start Num: 37

Candidate Starts for Qyrzula_63:

(28, 57780), (31, 57810), (Start: 37 @57837 has 37 MA's), (64, 57915), (73, 57978), (78, 57993), (85, 58050), (88, 58074), (91, 58083), (103, 58137), (108, 58155), (112, 58164), (125, 58230), (131, 58251),

Gene: RagingRooster_76 Start: 59577, Stop: 60104, Start Num: 48

Candidate Starts for RagingRooster_76:

(Start: 48 @59577 has 53 MA's), (Start: 62 @59625 has 1 MA's), (64, 59634), (68, 59661), (73, 59697), (80, 59721), (109, 59877), (115, 59898), (127, 59955), (137, 59997), (140, 60018),

Gene: RawrgerThat_72 Start: 61112, Stop: 61678, Start Num: 36

Candidate Starts for RawrgerThat_72:

(Start: 22 @61019 has 1 MA's), (23, 61022), (Start: 36 @61112 has 27 MA's), (Start: 62 @61184 has 1 MA's), (68, 61217), (73, 61253), (77, 61265), (82, 61304), (85, 61325), (86, 61331), (92, 61361), (93, 61364), (101, 61409), (124, 61496), (142, 61610),

Gene: Reccee_75 Start: 61006, Stop: 61491, Start Num: 60

Candidate Starts for Reccee_75:

(Start: 58 @60982 has 9 MA's), (Start: 60 @61006 has 1 MA's), (64, 61021), (68, 61045), (70, 61072), (75, 61087), (76, 61090), (81, 61108), (90, 61186), (92, 61192), (94, 61198), (101, 61240), (115, 61285), (122, 61306), (141, 61423),

Gene: RedMaple_75 Start: 60327, Stop: 60929, Start Num: 32

Candidate Starts for RedMaple_75:

(Start: 32 @60327 has 280 MA's), (Start: 55 @60381 has 5 MA's), (Start: 62 @60411 has 1 MA's), (67, 60438), (68, 60444), (73, 60480), (75, 60486), (79, 60498), (85, 60552), (89, 60579), (92, 60585), (101, 60633), (106, 60648),

Gene: RedRaider89_77 Start: 60015, Stop: 60617, Start Num: 32

Candidate Starts for RedRaider89_77:

(Start: 32 @60015 has 280 MA's), (Start: 55 @60069 has 5 MA's), (Start: 62 @60099 has 1 MA's), (67, 60126), (68, 60132), (73, 60168), (75, 60174), (79, 60186), (85, 60240), (89, 60267), (92, 60273), (101, 60321), (106, 60336),

Gene: Renkei_69 Start: 59968, Stop: 60531, Start Num: 36

Candidate Starts for Renkei_69:

(Start: 22 @59875 has 1 MA's), (23, 59878), (Start: 36 @59968 has 27 MA's), (Start: 62 @60040 has 1 MA's), (68, 60073), (73, 60109), (77, 60121), (82, 60160), (85, 60181), (86, 60187), (92, 60217), (93, 60220), (101, 60265), (124, 60352), (142, 60466),

Gene: Reprobate_73 Start: 60808, Stop: 61320, Start Num: 58

Candidate Starts for Reprobate_73:

(Start: 58 @60808 has 9 MA's), (Start: 60 @60832 has 1 MA's), (64, 60847), (68, 60871), (70, 60898), (73, 60907), (74, 60910), (75, 60913), (76, 60916), (81, 60934), (83, 60973), (85, 60982), (90, 61012), (92, 61018), (101, 61066), (135, 61189), (137, 61210),

Gene: Rhinoforte_69 Start: 57749, Stop: 58462, Start Num: 37

Candidate Starts for Rhinoforte_69:

(28, 57692), (31, 57722), (Start: 37 @57749 has 37 MA's), (64, 57827), (73, 57890), (78, 57905), (85, 57962), (88, 57986), (91, 57995), (103, 58049), (108, 58067), (112, 58076), (125, 58142), (131, 58163), (165, 58439),

Gene: Rich_73 Start: 61703, Stop: 62188, Start Num: 60

Candidate Starts for Rich_73:

(Start: 58 @61679 has 9 MA's), (Start: 60 @61703 has 1 MA's), (64, 61718), (68, 61742), (70, 61769), (74, 61781), (75, 61784), (76, 61787), (81, 61805), (90, 61883), (92, 61889), (94, 61895), (99, 61931), (101, 61937), (114, 61976), (115, 61982), (122, 62003), (125, 62033), (141, 62120),

Gene: Ricotta_75 Start: 59567, Stop: 60172, Start Num: 32

Candidate Starts for Ricotta_75:

(Start: 32 @59567 has 280 MA's), (Start: 55 @59621 has 5 MA's), (Start: 62 @59651 has 1 MA's), (67, 59678), (68, 59684), (73, 59720), (75, 59726), (79, 59738), (85, 59792), (89, 59819), (92, 59825), (101, 59873), (106, 59888),

Gene: Riggan_76 Start: 59896, Stop: 60498, Start Num: 32

Candidate Starts for Riggan_76:

(Start: 32 @59896 has 280 MA's), (Start: 55 @59950 has 5 MA's), (Start: 62 @59980 has 1 MA's), (67, 60007), (68, 60013), (73, 60049), (75, 60055), (79, 60067), (85, 60121), (89, 60148), (92, 60154), (101, 60202), (106, 60217),

Gene: Rimu_75 Start: 60046, Stop: 60648, Start Num: 32

Candidate Starts for Rimu_75:

(Start: 32 @60046 has 280 MA's), (Start: 55 @60100 has 5 MA's), (Start: 62 @60130 has 1 MA's), (67, 60157), (68, 60163), (73, 60199), (75, 60205), (79, 60217), (85, 60271), (89, 60298), (92, 60304), (101, 60352), (106, 60367),

Gene: Rinkes_72 Start: 61443, Stop: 61979, Start Num: 50

Candidate Starts for Rinkes_72:

(Start: 50 @61443 has 7 MA's), (Start: 62 @61488 has 1 MA's), (65, 61500), (68, 61521), (72, 61554), (83, 61620), (91, 61662), (92, 61665), (96, 61677), (101, 61713), (106, 61728), (110, 61737), (126, 61812), (127, 61815), (143, 61926), (154, 61968),

Gene: Rita130_74 Start: 60933, Stop: 61418, Start Num: 60

Candidate Starts for Rita130_74:

(Start: 58 @60909 has 9 MA's), (Start: 60 @60933 has 1 MA's), (64, 60948), (68, 60972), (70, 60999), (75, 61014), (76, 61017), (81, 61035), (90, 61113), (92, 61119), (94, 61125), (101, 61167), (115, 61212), (122, 61233), (141, 61350),

Gene: Rita1961_78 Start: 60231, Stop: 60758, Start Num: 48

Candidate Starts for Rita1961_78:

(Start: 48 @60231 has 53 MA's), (Start: 62 @60279 has 1 MA's), (64, 60288), (68, 60315), (73, 60351), (80, 60375), (109, 60531), (115, 60552), (127, 60609), (137, 60651), (140, 60672),

Gene: Riverton_74 Start: 59829, Stop: 60431, Start Num: 32

Candidate Starts for Riverton_74:

(Start: 32 @59829 has 280 MA's), (Start: 55 @59883 has 5 MA's), (Start: 62 @59913 has 1 MA's), (67, 59940), (68, 59946), (73, 59982), (75, 59988), (79, 60000), (85, 60054), (89, 60081), (92, 60087), (101, 60135), (106, 60150),

Gene: Robyn_76 Start: 60148, Stop: 60750, Start Num: 32

Candidate Starts for Robyn_76:

(Start: 32 @60148 has 280 MA's), (Start: 55 @60202 has 5 MA's), (Start: 62 @60232 has 1 MA's), (67, 60259), (68, 60265), (73, 60301), (75, 60307), (79, 60319), (85, 60373), (89, 60400), (92, 60406), (101, 60454), (106, 60469),

Gene: Roliet_72 Start: 58931, Stop: 59533, Start Num: 32

Candidate Starts for Roliet_72:

(Start: 32 @58931 has 280 MA's), (Start: 55 @58985 has 5 MA's), (Start: 62 @59015 has 1 MA's), (67, 59042), (68, 59048), (73, 59084), (75, 59090), (79, 59102), (85, 59156), (89, 59183), (92, 59189), (101, 59237), (106, 59252),

Gene: RomaT_77 Start: 60451, Stop: 60978, Start Num: 48

Candidate Starts for RomaT_77:

(Start: 48 @60451 has 53 MA's), (Start: 62 @60499 has 1 MA's), (64, 60508), (68, 60535), (73, 60571), (80, 60595), (85, 60643), (109, 60751), (115, 60772), (127, 60829), (137, 60871), (140, 60892),

Gene: Roscoe_75 Start: 60016, Stop: 60618, Start Num: 32

Candidate Starts for Roscoe_75:

(Start: 32 @60016 has 280 MA's), (Start: 55 @60070 has 5 MA's), (Start: 62 @60100 has 1 MA's), (67, 60127), (68, 60133), (73, 60169), (75, 60175), (79, 60187), (85, 60241), (89, 60268), (92, 60274), (101, 60322), (106, 60337),

Gene: Rosebush_68 Start: 57816, Stop: 58529, Start Num: 37

Candidate Starts for Rosebush_68:

(28, 57759), (31, 57789), (Start: 37 @57816 has 37 MA's), (64, 57894), (73, 57957), (78, 57972), (85, 58029), (88, 58053), (91, 58062), (103, 58116), (108, 58134), (112, 58143), (125, 58209), (131, 58230), (165, 58506),

Gene: Roy17_73 Start: 59296, Stop: 59853, Start Num: 32

Candidate Starts for Roy17_73:

(Start: 32 @59296 has 280 MA's), (Start: 55 @59350 has 5 MA's), (Start: 62 @59380 has 1 MA's), (67, 59407), (68, 59413), (73, 59449), (75, 59455), (79, 59467), (85, 59521), (89, 59548), (92, 59554), (101, 59602), (106, 59617),

Gene: SDcharge11_74 Start: 59049, Stop: 59651, Start Num: 32

Candidate Starts for SDcharge11_74:

(Start: 32 @59049 has 280 MA's), (Start: 55 @59103 has 5 MA's), (Start: 62 @59133 has 1 MA's), (67, 59160), (68, 59166), (73, 59202), (75, 59208), (79, 59220), (85, 59274), (89, 59301), (92, 59307), (101, 59355), (106, 59370),

Gene: Sabella_69 Start: 57651, Stop: 58364, Start Num: 37

Candidate Starts for Sabella_69:

(28, 57594), (31, 57624), (Start: 37 @57651 has 37 MA's), (64, 57729), (73, 57792), (78, 57807), (85, 57864), (88, 57888), (91, 57897), (103, 57951), (108, 57969), (112, 57978), (125, 58044), (131, 58065), (165, 58341),

Gene: Saguaro_71 Start: 60388, Stop: 61062, Start Num: 43

Candidate Starts for Saguaro_71:

(Start: 43 @60388 has 1 MA's), (44, 60394), (68, 60478), (73, 60514), (85, 60586), (93, 60625), (101, 60670), (129, 60781), (132, 60787), (155, 60931),

Gene: SallyH_77 Start: 59845, Stop: 60450, Start Num: 32

Candidate Starts for SallyH_77:

(Start: 32 @59845 has 280 MA's), (Start: 55 @59899 has 5 MA's), (Start: 62 @59929 has 1 MA's), (67, 59956), (68, 59962), (73, 59998), (75, 60004), (79, 60016), (85, 60070), (89, 60097), (92, 60103), (101, 60151), (106, 60166),

Gene: Samaymay_75 Start: 59876, Stop: 60481, Start Num: 32

Candidate Starts for Samaymay_75:

(Start: 32 @59876 has 280 MA's), (Start: 55 @59930 has 5 MA's), (Start: 62 @59960 has 1 MA's), (67, 59987), (68, 59993), (73, 60029), (75, 60035), (79, 60047), (85, 60101), (89, 60128), (92, 60134), (101, 60182), (106, 60197),

Gene: SassyCat97_73 Start: 59559, Stop: 60161, Start Num: 32

Candidate Starts for SassyCat97_73:

(Start: 32 @59559 has 280 MA's), (Start: 55 @59613 has 5 MA's), (Start: 62 @59643 has 1 MA's), (67, 59670), (68, 59676), (73, 59712), (75, 59718), (79, 59730), (85, 59784), (89, 59811), (92, 59817), (101, 59865), (106, 59880),

Gene: Schadenfreude_75 Start: 59477, Stop: 60070, Start Num: 32

Candidate Starts for Schadenfreude_75:

(Start: 32 @59477 has 280 MA's), (Start: 55 @59522 has 5 MA's), (Start: 62 @59552 has 1 MA's), (67, 59579), (68, 59585), (73, 59621), (75, 59627), (79, 59639), (85, 59693), (89, 59720), (92, 59726), (101, 59774), (106, 59789),

Gene: Schueller_73 Start: 59831, Stop: 60433, Start Num: 32

Candidate Starts for Schueller_73:

(Start: 32 @59831 has 280 MA's), (Start: 55 @59885 has 5 MA's), (Start: 62 @59915 has 1 MA's), (67, 59942), (68, 59948), (73, 59984), (75, 59990), (79, 60002), (85, 60056), (89, 60083), (92, 60089), (101, 60137), (106, 60152),

Gene: Scoot17C_76 Start: 59686, Stop: 60288, Start Num: 32

Candidate Starts for Scoot17C_76:

(Start: 32 @59686 has 280 MA's), (Start: 55 @59740 has 5 MA's), (Start: 62 @59770 has 1 MA's), (67, 59797), (68, 59803), (73, 59839), (75, 59845), (79, 59857), (85, 59911), (89, 59938), (92, 59944), (101, 59992), (106, 60007),

Gene: Scrick_74 Start: 59568, Stop: 60170, Start Num: 32

Candidate Starts for Scrick_74:

(Start: 32 @59568 has 280 MA's), (Start: 55 @59622 has 5 MA's), (Start: 62 @59652 has 1 MA's), (67, 59679), (68, 59685), (73, 59721), (75, 59727), (79, 59739), (85, 59793), (89, 59820), (92, 59826), (101, 59874), (106, 59889),

Gene: Sejanus_5 Start: 3079, Stop: 3600, Start Num: 52

Candidate Starts for Sejanus_5:

(Start: 52 @3079 has 3 MA's), (61, 3115), (66, 3136), (68, 3157), (80, 3217), (83, 3256), (85, 3265), (91, 3298), (99, 3343), (107, 3370), (123, 3427), (127, 3451), (130, 3463), (132, 3469), (137, 3493), (138, 3496), (145, 3553), (153, 3586), (156, 3589), (157, 3592), (158, 3595),

Gene: Selr12_76 Start: 59613, Stop: 60215, Start Num: 32

Candidate Starts for Selr12_76:

(Start: 32 @59613 has 280 MA's), (Start: 55 @59667 has 5 MA's), (Start: 62 @59697 has 1 MA's), (67, 59724), (68, 59730), (73, 59766), (75, 59772), (79, 59784), (85, 59838), (89, 59865), (92, 59871), (101, 59919), (106, 59934),

Gene: Serendipitous_73 Start: 60365, Stop: 60874, Start Num: 58

Candidate Starts for Serendipitous_73:

(Start: 58 @60365 has 9 MA's), (Start: 60 @60389 has 1 MA's), (64, 60404), (68, 60428), (70, 60455), (74, 60467), (75, 60470), (76, 60473), (81, 60491), (90, 60569), (92, 60575), (94, 60581), (101, 60623), (103, 60626), (122, 60689), (125, 60719), (137, 60767), (141, 60806),

Gene: Serendipity_75 Start: 60041, Stop: 60643, Start Num: 32

Candidate Starts for Serendipity_75:

(Start: 32 @60041 has 280 MA's), (Start: 55 @60095 has 5 MA's), (Start: 62 @60125 has 1 MA's), (67, 60152), (68, 60158), (73, 60194), (75, 60200), (79, 60212), (85, 60266), (89, 60293), (92, 60299), (101, 60347), (106, 60362),

Gene: Serpentine_0076 Start: 60124, Stop: 60726, Start Num: 32

Candidate Starts for Serpentine_0076:

(Start: 32 @60124 has 280 MA's), (Start: 55 @60178 has 5 MA's), (Start: 62 @60208 has 1 MA's), (67, 60235), (68, 60241), (73, 60277), (75, 60283), (79, 60295), (85, 60349), (89, 60376), (92, 60382), (101, 60430), (106, 60445),

Gene: ShadowBud_75 Start: 59894, Stop: 60499, Start Num: 32

Candidate Starts for ShadowBud_75:

(Start: 32 @59894 has 280 MA's), (Start: 55 @59948 has 5 MA's), (Start: 62 @59978 has 1 MA's), (67, 60005), (68, 60011), (73, 60047), (75, 60053), (79, 60065), (85, 60119), (89, 60146), (92, 60152), (101, 60200), (106, 60215),

Gene: Shatter_71 Start: 53845, Stop: 54387, Start Num: 54

Candidate Starts for Shatter_71:

(Start: 54 @53845 has 8 MA's), (Start: 62 @53884 has 1 MA's), (68, 53914), (73, 53950), (80, 53974), (87, 54031), (88, 54046), (91, 54055), (118, 54160), (136, 54250),

Gene: Sheila_71 Start: 58962, Stop: 59564, Start Num: 32

Candidate Starts for Sheila_71:

(Start: 32 @58962 has 280 MA's), (Start: 55 @59016 has 5 MA's), (Start: 62 @59046 has 1 MA's), (67, 59073), (68, 59079), (73, 59115), (75, 59121), (79, 59133), (85, 59187), (89, 59214), (92, 59220), (101, 59268), (106, 59283),

Gene: Shenandoah_76 Start: 59497, Stop: 60024, Start Num: 48

Candidate Starts for Shenandoah_76:

(Start: 48 @59497 has 53 MA's), (Start: 62 @59545 has 1 MA's), (64, 59554), (68, 59581), (73, 59617), (80, 59641), (85, 59689), (109, 59797), (115, 59818), (127, 59875), (137, 59917), (140, 59938),

Gene: Shenyu_75 Start: 61425, Stop: 61910, Start Num: 60

Candidate Starts for Shenyu_75:

(Start: 58 @61401 has 9 MA's), (Start: 60 @61425 has 1 MA's), (64, 61440), (68, 61464), (70, 61491), (74, 61503), (75, 61506), (76, 61509), (81, 61527), (85, 61575), (90, 61605), (92, 61611), (94, 61617), (101, 61659), (125, 61755), (137, 61803), (141, 61842),

Gene: ShiVal_73 Start: 59596, Stop: 60198, Start Num: 32

Candidate Starts for ShiVal_73:

(Start: 32 @59596 has 280 MA's), (Start: 55 @59650 has 5 MA's), (Start: 62 @59680 has 1 MA's), (67, 59707), (68, 59713), (73, 59749), (75, 59755), (79, 59767), (85, 59821), (89, 59848), (92, 59854), (101, 59902), (106, 59917),

Gene: Sigman_75 Start: 59570, Stop: 60172, Start Num: 32

Candidate Starts for Sigman_75:

(Start: 32 @59570 has 280 MA's), (Start: 55 @59624 has 5 MA's), (Start: 62 @59654 has 1 MA's), (67, 59681), (68, 59687), (73, 59723), (75, 59729), (79, 59741), (85, 59795), (89, 59822), (92, 59828), (101, 59876), (106, 59891),

Gene: SilverBell_76 Start: 60004, Stop: 60609, Start Num: 32

Candidate Starts for SilverBell_76:

(Start: 32 @60004 has 280 MA's), (Start: 55 @60058 has 5 MA's), (Start: 62 @60088 has 1 MA's), (67, 60115), (68, 60121), (73, 60157), (75, 60163), (79, 60175), (85, 60229), (89, 60256), (92, 60262), (101, 60310), (106, 60325),

Gene: Simielle_74 Start: 59538, Stop: 60140, Start Num: 32

Candidate Starts for Simielle_74:

(Start: 32 @59538 has 280 MA's), (Start: 55 @59592 has 5 MA's), (Start: 62 @59622 has 1 MA's), (67, 59649), (68, 59655), (73, 59691), (75, 59697), (79, 59709), (85, 59763), (89, 59790), (92, 59796), (101, 59844), (106, 59859),

Gene: SirBeauregard_76 Start: 60116, Stop: 60718, Start Num: 32

Candidate Starts for SirBeauregard_76:

(Start: 32 @60116 has 280 MA's), (Start: 55 @60170 has 5 MA's), (Start: 62 @60200 has 1 MA's), (67, 60227), (68, 60233), (73, 60269), (75, 60275), (79, 60287), (85, 60341), (89, 60368), (92, 60374), (101, 60422), (106, 60437),

Gene: SirJeffery_73 Start: 60743, Stop: 61228, Start Num: 60

Candidate Starts for SirJeffery_73:

(Start: 58 @60719 has 9 MA's), (Start: 60 @60743 has 1 MA's), (64, 60758), (68, 60782), (70, 60809), (75, 60824), (76, 60827), (81, 60845), (90, 60923), (92, 60929), (94, 60935), (101, 60977), (115, 61022), (122, 61043), (141, 61160),

Gene: Sisko_71 Start: 54868, Stop: 55488, Start Num: 34

Candidate Starts for Sisko_71:

(Start: 34 @54868 has 3 MA's), (39, 54895), (Start: 54 @54916 has 8 MA's), (Start: 62 @54955 has 1 MA's), (68, 54985), (80, 55045), (83, 55084), (87, 55102), (88, 55117), (92, 55129), (108, 55198), (163, 55480),

Gene: Skippy_76 Start: 59965, Stop: 60567, Start Num: 32

Candidate Starts for Skippy_76:

(Start: 32 @59965 has 280 MA's), (Start: 55 @60019 has 5 MA's), (Start: 62 @60049 has 1 MA's), (67, 60076), (68, 60082), (73, 60118), (75, 60124), (79, 60136), (85, 60190), (89, 60217), (92, 60223), (101, 60271), (106, 60286),

Gene: Slatt_75 Start: 59852, Stop: 60454, Start Num: 32

Candidate Starts for Slatt_75:

(Start: 32 @59852 has 280 MA's), (Start: 55 @59906 has 5 MA's), (Start: 62 @59936 has 1 MA's), (67, 59963), (68, 59969), (73, 60005), (75, 60011), (79, 60023), (85, 60077), (89, 60104), (92, 60110), (101, 60158), (106, 60173),

Gene: SlippinJimmy_80 Start: 61261, Stop: 61788, Start Num: 48

Candidate Starts for SlippinJimmy_80:

(Start: 48 @61261 has 53 MA's), (Start: 62 @61309 has 1 MA's), (64, 61318), (68, 61345), (73, 61381), (80, 61405), (85, 61453), (109, 61561), (115, 61582), (127, 61639), (137, 61681), (140, 61702),

Gene: Soile_76 Start: 60090, Stop: 60692, Start Num: 32

Candidate Starts for Soile_76:

(Start: 32 @60090 has 280 MA's), (Start: 55 @60144 has 5 MA's), (Start: 62 @60174 has 1 MA's), (67, 60201), (68, 60207), (73, 60243), (75, 60249), (79, 60261), (85, 60315), (89, 60342), (92, 60348), (101, 60396), (106, 60411),

Gene: Solosis_73 Start: 59554, Stop: 60159, Start Num: 32

Candidate Starts for Solosis_73:

(Start: 32 @59554 has 280 MA's), (Start: 55 @59608 has 5 MA's), (Start: 62 @59638 has 1 MA's), (67, 59665), (68, 59671), (73, 59707), (75, 59713), (79, 59725), (85, 59779), (89, 59806), (92, 59812), (101, 59860), (106, 59875),

Gene: Sophia_73 Start: 59547, Stop: 60149, Start Num: 32

Candidate Starts for Sophia_73:

(Start: 32 @59547 has 280 MA's), (Start: 55 @59601 has 5 MA's), (Start: 62 @59631 has 1 MA's), (67, 59658), (68, 59664), (73, 59700), (75, 59706), (79, 59718), (85, 59772), (89, 59799), (92, 59805), (101, 59853), (106, 59868),

Gene: Soto_72 Start: 59090, Stop: 59692, Start Num: 32

Candidate Starts for Soto_72:

(Start: 32 @59090 has 280 MA's), (Start: 55 @59144 has 5 MA's), (Start: 62 @59174 has 1 MA's), (67, 59201), (68, 59207), (73, 59243), (75, 59249), (79, 59261), (85, 59315), (89, 59342), (92, 59348), (101, 59396), (106, 59411),

Gene: Sour_70 Start: 55863, Stop: 56399, Start Num: 56

Candidate Starts for Sour_70:

(12, 55563), (13, 55566), (15, 55578), (17, 55587), (18, 55593), (19, 55599), (20, 55602), (Start: 56 @55863 has 1 MA's), (Start: 62 @55896 has 1 MA's), (68, 55926), (72, 55959), (80, 55986), (85, 56034), (87, 56043), (88, 56058), (103, 56121), (108, 56139), (120, 56175), (121, 56181), (148, 56367),

Gene: Spartan300_74 Start: 59808, Stop: 60410, Start Num: 32

Candidate Starts for Spartan300_74:

(Start: 32 @59808 has 280 MA's), (Start: 55 @59862 has 5 MA's), (Start: 62 @59892 has 1 MA's), (67, 59919), (68, 59925), (73, 59961), (75, 59967), (79, 59979), (85, 60033), (89, 60060), (92, 60066), (101, 60114), (106, 60129),

Gene: Squid_74 Start: 59838, Stop: 60440, Start Num: 32

Candidate Starts for Squid_74:

(Start: 32 @59838 has 280 MA's), (Start: 55 @59892 has 5 MA's), (Start: 62 @59922 has 1 MA's), (67, 59949), (68, 59955), (73, 59991), (75, 59997), (79, 60009), (85, 60063), (89, 60090), (92, 60096), (101, 60144), (106, 60159),

Gene: Squiggle_74 Start: 59563, Stop: 60165, Start Num: 32

Candidate Starts for Squiggle_74:

(Start: 32 @59563 has 280 MA's), (Start: 55 @59617 has 5 MA's), (Start: 62 @59647 has 1 MA's), (67, 59674), (68, 59680), (73, 59716), (75, 59722), (79, 59734), (85, 59788), (89, 59815), (92, 59821), (101, 59869), (106, 59884),

Gene: StAugustine_119 Start: 79752, Stop: 80255, Start Num: 54

Candidate Starts for StAugustine_119:

(Start: 54 @79752 has 8 MA's), (71, 79851), (88, 79953), (101, 80013), (134, 80139),

Gene: Stinger_71 Start: 60037, Stop: 60627, Start Num: 36

Candidate Starts for Stinger_71:

(Start: 22 @59947 has 1 MA's), (23, 59950), (Start: 36 @60037 has 27 MA's), (Start: 62 @60121 has 1 MA's), (68, 60154), (73, 60190), (77, 60202), (82, 60241), (85, 60262), (86, 60268), (93, 60301), (94, 60304), (101, 60346), (124, 60433), (142, 60547),

Gene: StinkyVeggy_74 Start: 60935, Stop: 61423, Start Num: 60

Candidate Starts for StinkyVeggy_74:

(Start: 58 @60911 has 9 MA's), (Start: 60 @60935 has 1 MA's), (64, 60950), (68, 60974), (70, 61001), (73, 61010), (76, 61019), (85, 61085), (90, 61115), (92, 61121), (101, 61169), (137, 61313),

Gene: Struggle_75 Start: 59655, Stop: 60260, Start Num: 32

Candidate Starts for Struggle_75:

(Start: 32 @59655 has 280 MA's), (Start: 55 @59709 has 5 MA's), (Start: 62 @59739 has 1 MA's), (67, 59766), (68, 59772), (73, 59808), (75, 59814), (79, 59826), (85, 59880), (89, 59907), (92, 59913), (101, 59961), (106, 59976),

Gene: Suffolk_73 Start: 59384, Stop: 59986, Start Num: 32

Candidate Starts for Suffolk_73:

(Start: 32 @59384 has 280 MA's), (Start: 55 @59438 has 5 MA's), (Start: 62 @59468 has 1 MA's), (67, 59495), (68, 59501), (73, 59537), (75, 59543), (79, 59555), (85, 59609), (89, 59636), (92, 59642), (101, 59690), (106, 59705),

Gene: Suigeneris_76 Start: 61157, Stop: 61666, Start Num: 58

Candidate Starts for Suigeneris_76:

(Start: 58 @61157 has 9 MA's), (Start: 60 @61181 has 1 MA's), (64, 61196), (68, 61220), (70, 61247), (75, 61262), (76, 61265), (81, 61283), (90, 61361), (92, 61367), (94, 61373), (101, 61415), (115, 61460), (122, 61481), (141, 61598),

Gene: Surely_75 Start: 60128, Stop: 60730, Start Num: 32

Candidate Starts for Surely_75:

(Start: 32 @60128 has 280 MA's), (Start: 55 @60182 has 5 MA's), (Start: 62 @60212 has 1 MA's), (67, 60239), (68, 60245), (73, 60281), (75, 60287), (79, 60299), (85, 60353), (89, 60380), (92, 60386), (101, 60434), (106, 60449),

Gene: SwainyDoc_78 Start: 60260, Stop: 60787, Start Num: 48

Candidate Starts for SwainyDoc_78:

(Start: 48 @60260 has 53 MA's), (Start: 62 @60308 has 1 MA's), (64, 60317), (68, 60344), (73, 60380), (80, 60404), (109, 60560), (115, 60581), (127, 60638), (137, 60680), (140, 60701),

Gene: Swiphy_77 Start: 60108, Stop: 60710, Start Num: 32

Candidate Starts for Swiphy_77:

(Start: 32 @60108 has 280 MA's), (Start: 55 @60162 has 5 MA's), (Start: 62 @60192 has 1 MA's), (67, 60219), (68, 60225), (73, 60261), (75, 60267), (79, 60279), (85, 60333), (89, 60360), (92, 60366), (101, 60414), (106, 60429),

Gene: Swish_76 Start: 59991, Stop: 60593, Start Num: 32

Candidate Starts for Swish_76:

(Start: 32 @59991 has 280 MA's), (Start: 55 @60045 has 5 MA's), (Start: 62 @60075 has 1 MA's), (67, 60102), (68, 60108), (73, 60144), (75, 60150), (79, 60162), (85, 60216), (89, 60243), (92, 60249), (101, 60297), (106, 60312),

Gene: SynergyX_77 Start: 59888, Stop: 60415, Start Num: 48

Candidate Starts for SynergyX_77:

(Start: 48 @59888 has 53 MA's), (Start: 62 @59936 has 1 MA's), (64, 59945), (68, 59972), (73, 60008), (80, 60032), (109, 60188), (115, 60209), (127, 60266), (137, 60308), (140, 60329),

Gene: TA17A_71 Start: 57659, Stop: 58372, Start Num: 37

Candidate Starts for TA17A_71:

(28, 57602), (31, 57632), (Start: 37 @57659 has 37 MA's), (64, 57737), (73, 57800), (78, 57815), (85, 57872), (88, 57896), (91, 57905), (103, 57959), (108, 57977), (112, 57986), (125, 58052), (131, 58073), (165, 58349),

Gene: TPA2_76 Start: 59890, Stop: 60435, Start Num: 42

Candidate Starts for TPA2_76:

(Start: 42 @59890 has 1 MA's), (46, 59902), (65, 59962), (68, 59980), (76, 60025), (85, 60088), (88, 60112), (90, 60118), (110, 60196), (127, 60274), (137, 60313),

Gene: TallGrassMM_74 Start: 59622, Stop: 60224, Start Num: 32

Candidate Starts for TallGrassMM_74:

(Start: 32 @59622 has 280 MA's), (Start: 55 @59676 has 5 MA's), (Start: 62 @59706 has 1 MA's), (67, 59733), (68, 59739), (73, 59775), (75, 59781), (79, 59793), (85, 59847), (89, 59874), (92, 59880), (101,

59928), (106, 59943),

Gene: Taptic_3 Start: 1974, Stop: 2498, Start Num: 55

Candidate Starts for Taptic_3:

(Start: 48 @1962 has 53 MA's), (Start: 55 @1974 has 5 MA's), (Start: 62 @2010 has 1 MA's), (63, 2016), (65, 2022), (68, 2049), (72, 2082), (73, 2085), (76, 2094), (78, 2100), (80, 2109), (82, 2136), (85, 2157), (88, 2181), (91, 2190), (99, 2235), (104, 2250), (107, 2262), (117, 2289), (119, 2298), (129, 2352), (130, 2355), (139, 2400),

Gene: Telesworld_73 Start: 59700, Stop: 60302, Start Num: 32

Candidate Starts for Telesworld_73:

(Start: 32 @59700 has 280 MA's), (Start: 55 @59754 has 5 MA's), (Start: 62 @59784 has 1 MA's), (67, 59811), (68, 59817), (73, 59853), (75, 59859), (79, 59871), (85, 59925), (89, 59952), (92, 59958), (101, 60006), (106, 60021),

Gene: Thonko_80 Start: 60714, Stop: 61259, Start Num: 48

Candidate Starts for Thonko_80:

(29, 60633), (Start: 48 @60714 has 53 MA's), (Start: 62 @60762 has 1 MA's), (68, 60795), (73, 60831), (83, 60894), (85, 60903), (91, 60936), (92, 60939), (100, 60984), (101, 60987), (123, 61065), (133, 61107),

Gene: Thora_74 Start: 60077, Stop: 60679, Start Num: 32

Candidate Starts for Thora_74:

(Start: 32 @60077 has 280 MA's), (Start: 55 @60131 has 5 MA's), (Start: 62 @60161 has 1 MA's), (67, 60188), (68, 60194), (73, 60230), (75, 60236), (79, 60248), (85, 60302), (89, 60329), (92, 60335), (101, 60383), (106, 60398),

Gene: ThreeOh3D2_77 Start: 60251, Stop: 60853, Start Num: 32

Candidate Starts for ThreeOh3D2_77:

(Start: 32 @60251 has 280 MA's), (Start: 55 @60305 has 5 MA's), (Start: 62 @60335 has 1 MA's), (67, 60362), (68, 60368), (73, 60404), (75, 60410), (79, 60422), (85, 60476), (89, 60503), (92, 60509), (101, 60557), (106, 60572),

Gene: Thunderbird_75 Start: 59817, Stop: 60422, Start Num: 32

Candidate Starts for Thunderbird_75:

(Start: 32 @59817 has 280 MA's), (Start: 55 @59871 has 5 MA's), (Start: 62 @59901 has 1 MA's), (67, 59928), (68, 59934), (73, 59970), (75, 59976), (79, 59988), (85, 60042), (89, 60069), (92, 60075), (101, 60123), (106, 60138),

Gene: Timmi_74 Start: 59591, Stop: 60196, Start Num: 32

Candidate Starts for Timmi_74:

(Start: 32 @59591 has 280 MA's), (Start: 55 @59645 has 5 MA's), (Start: 62 @59675 has 1 MA's), (67, 59702), (68, 59708), (73, 59744), (75, 59750), (79, 59762), (85, 59816), (89, 59843), (92, 59849), (101, 59897), (106, 59912),

Gene: Tinciduntolum_70 Start: 57818, Stop: 58531, Start Num: 37

Candidate Starts for Tinciduntolum_70:

(28, 57761), (31, 57791), (Start: 37 @57818 has 37 MA's), (64, 57896), (73, 57959), (78, 57974), (85, 58031), (88, 58055), (91, 58064), (103, 58118), (108, 58136), (112, 58145), (125, 58211), (131, 58232), (165, 58508),

Gene: TinyTerror_78 Start: 60311, Stop: 60838, Start Num: 48

Candidate Starts for TinyTerror_78:

(Start: 48 @60311 has 53 MA's), (Start: 62 @60359 has 1 MA's), (64, 60368), (68, 60395), (73, 60431), (80, 60455), (109, 60611), (115, 60632), (127, 60689), (137, 60731), (140, 60752),

Gene: TomBombadil_75 Start: 60121, Stop: 60723, Start Num: 32
Candidate Starts for TomBombadil_75:

(Start: 32 @60121 has 280 MA's), (Start: 55 @60175 has 5 MA's), (Start: 62 @60205 has 1 MA's), (67, 60232), (68, 60238), (73, 60274), (75, 60280), (79, 60292), (85, 60346), (89, 60373), (92, 60379), (101, 60427), (106, 60442),

Gene: Tomlarah_76 Start: 60429, Stop: 61031, Start Num: 32
Candidate Starts for Tomlarah_76:

(Start: 32 @60429 has 280 MA's), (Start: 55 @60483 has 5 MA's), (Start: 62 @60513 has 1 MA's), (67, 60540), (68, 60546), (73, 60582), (75, 60588), (79, 60600), (85, 60654), (89, 60681), (92, 60687), (101, 60735), (106, 60750),

Gene: Toni_75 Start: 60024, Stop: 60626, Start Num: 32
Candidate Starts for Toni_75:

(Start: 32 @60024 has 280 MA's), (Start: 55 @60078 has 5 MA's), (Start: 62 @60108 has 1 MA's), (67, 60135), (68, 60141), (73, 60177), (75, 60183), (79, 60195), (85, 60249), (89, 60276), (92, 60282), (101, 60330), (106, 60345),

Gene: TooFast2Furius_76 Start: 59811, Stop: 60413, Start Num: 32
Candidate Starts for TooFast2Furius_76:

(Start: 32 @59811 has 280 MA's), (Start: 55 @59865 has 5 MA's), (Start: 62 @59895 has 1 MA's), (67, 59922), (68, 59928), (73, 59964), (75, 59970), (79, 59982), (85, 60036), (89, 60063), (92, 60069), (101, 60117), (106, 60132),

Gene: Tooj_72 Start: 59255, Stop: 59857, Start Num: 32
Candidate Starts for Tooj_72:

(Start: 32 @59255 has 280 MA's), (Start: 55 @59309 has 5 MA's), (Start: 62 @59339 has 1 MA's), (67, 59366), (68, 59372), (73, 59408), (75, 59414), (79, 59426), (85, 59480), (89, 59507), (92, 59513), (101, 59561), (106, 59576),

Gene: TraderJ_73 Start: 55310, Stop: 55825, Start Num: 51
Candidate Starts for TraderJ_73:

(Start: 51 @55310 has 7 MA's), (Start: 60 @55343 has 1 MA's), (68, 55379), (73, 55415), (76, 55424), (83, 55478), (87, 55496), (88, 55511), (94, 55529), (103, 55574), (134, 55682), (137, 55706), (142, 55751),

Gene: Tres_69 Start: 57672, Stop: 58385, Start Num: 37
Candidate Starts for Tres_69:

(28, 57615), (31, 57645), (Start: 37 @57672 has 37 MA's), (64, 57750), (73, 57813), (78, 57828), (85, 57885), (88, 57909), (91, 57918), (103, 57972), (108, 57990), (112, 57999), (125, 58065), (131, 58086), (165, 58362),

Gene: Triad_76 Start: 59437, Stop: 60039, Start Num: 32
Candidate Starts for Triad_76:

(Start: 32 @59437 has 280 MA's), (Start: 55 @59491 has 5 MA's), (Start: 62 @59521 has 1 MA's), (67, 59548), (68, 59554), (73, 59590), (75, 59596), (79, 59608), (85, 59662), (89, 59689), (92, 59695), (101, 59743), (106, 59758),

Gene: True_73 Start: 59561, Stop: 60166, Start Num: 32
Candidate Starts for True_73:

(Start: 32 @59561 has 280 MA's), (Start: 55 @59615 has 5 MA's), (Start: 62 @59645 has 1 MA's), (67, 59672), (68, 59678), (73, 59714), (75, 59720), (79, 59732), (85, 59786), (89, 59813), (92, 59819), (101, 59867), (106, 59882),

Gene: Trypo_76 Start: 60279, Stop: 60881, Start Num: 32

Candidate Starts for Trypo_76:

(Start: 32 @60279 has 280 MA's), (Start: 55 @60333 has 5 MA's), (Start: 62 @60363 has 1 MA's), (67, 60390), (68, 60396), (73, 60432), (75, 60438), (79, 60450), (85, 60504), (89, 60531), (92, 60537), (101, 60585), (106, 60600),

Gene: Tydolla_73 Start: 59867, Stop: 60394, Start Num: 48

Candidate Starts for Tydolla_73:

(Start: 48 @59867 has 53 MA's), (Start: 62 @59915 has 1 MA's), (64, 59924), (68, 59951), (73, 59987), (80, 60011), (109, 60167), (115, 60188), (127, 60245), (137, 60287), (140, 60308),

Gene: TyrionL_75 Start: 59650, Stop: 60252, Start Num: 32

Candidate Starts for TyrionL_75:

(Start: 32 @59650 has 280 MA's), (Start: 55 @59704 has 5 MA's), (Start: 62 @59734 has 1 MA's), (67, 59761), (68, 59767), (73, 59803), (75, 59809), (79, 59821), (85, 59875), (89, 59902), (92, 59908), (101, 59956), (106, 59971),

Gene: UAch1_76 Start: 59921, Stop: 60523, Start Num: 32

Candidate Starts for UAch1_76:

(Start: 32 @59921 has 280 MA's), (Start: 55 @59975 has 5 MA's), (Start: 62 @60005 has 1 MA's), (67, 60032), (68, 60038), (73, 60074), (75, 60080), (79, 60092), (85, 60146), (89, 60173), (92, 60179), (101, 60227), (106, 60242),

Gene: UncleHowie_72 Start: 59255, Stop: 59860, Start Num: 32

Candidate Starts for UncleHowie_72:

(Start: 32 @59255 has 280 MA's), (Start: 55 @59309 has 5 MA's), (Start: 62 @59339 has 1 MA's), (67, 59366), (68, 59372), (73, 59408), (75, 59414), (79, 59426), (85, 59480), (89, 59507), (92, 59513), (101, 59561), (106, 59576),

Gene: Usavi_76 Start: 60247, Stop: 60849, Start Num: 32

Candidate Starts for Usavi_76:

(Start: 32 @60247 has 280 MA's), (Start: 55 @60301 has 5 MA's), (Start: 62 @60331 has 1 MA's), (67, 60358), (68, 60364), (73, 60400), (75, 60406), (79, 60418), (85, 60472), (89, 60499), (92, 60505), (101, 60553), (106, 60568),

Gene: Vaishali24_76 Start: 59867, Stop: 60469, Start Num: 32

Candidate Starts for Vaishali24_76:

(Start: 32 @59867 has 280 MA's), (Start: 55 @59921 has 5 MA's), (Start: 62 @59951 has 1 MA's), (67, 59978), (68, 59984), (73, 60020), (75, 60026), (79, 60038), (85, 60092), (89, 60119), (92, 60125), (101, 60173), (106, 60188), (132, 60290),

Gene: Valjean_74 Start: 59809, Stop: 60411, Start Num: 32

Candidate Starts for Valjean_74:

(Start: 32 @59809 has 280 MA's), (Start: 55 @59863 has 5 MA's), (Start: 62 @59893 has 1 MA's), (67, 59920), (68, 59926), (73, 59962), (75, 59968), (79, 59980), (85, 60034), (89, 60061), (92, 60067), (101, 60115), (106, 60130),

Gene: Vaticameos_72 Start: 58125, Stop: 58727, Start Num: 32

Candidate Starts for Vaticameos_72:

(Start: 32 @58125 has 280 MA's), (Start: 55 @58179 has 5 MA's), (Start: 62 @58209 has 1 MA's), (67, 58236), (68, 58242), (73, 58278), (75, 58284), (79, 58296), (85, 58350), (89, 58377), (92, 58383), (101, 58431), (106, 58446),

Gene: Veritas_74 Start: 59732, Stop: 60337, Start Num: 32

Candidate Starts for Veritas_74:

(Start: 32 @59732 has 280 MA's), (Start: 55 @59786 has 5 MA's), (Start: 62 @59816 has 1 MA's), (67, 59843), (68, 59849), (73, 59885), (75, 59891), (79, 59903), (85, 59957), (89, 59984), (92, 59990), (101, 60038), (106, 60053),

Gene: Vic9_00068 Start: 58508, Stop: 59065, Start Num: 37

Candidate Starts for Vic9_00068:

(28, 58451), (31, 58481), (Start: 37 @58508 has 37 MA's), (64, 58586), (73, 58649), (78, 58664), (88, 58745), (91, 58754), (103, 58808), (108, 58826), (112, 58835), (125, 58901), (131, 58922),

Gene: Vincenzo_74 Start: 62440, Stop: 63015, Start Num: 36

Candidate Starts for Vincenzo_74:

(Start: 36 @62440 has 27 MA's), (59, 62485), (Start: 62 @62503 has 1 MA's), (68, 62536), (73, 62572), (82, 62623), (83, 62635), (85, 62644), (87, 62653), (91, 62677), (101, 62728), (105, 62737), (128, 62833), (142, 62929), (159, 63004),

Gene: VioletZ_73 Start: 61136, Stop: 61699, Start Num: 36

Candidate Starts for VioletZ_73:

(4, 60653), (5, 60659), (7, 60782), (9, 60827), (10, 60839), (Start: 22 @61043 has 1 MA's), (23, 61046), (Start: 36 @61136 has 27 MA's), (Start: 62 @61208 has 1 MA's), (68, 61241), (73, 61277), (77, 61289), (82, 61328), (85, 61349), (86, 61355), (92, 61385), (93, 61388), (101, 61433), (124, 61520),

Gene: Virapocalypse_76 Start: 59920, Stop: 60522, Start Num: 32

Candidate Starts for Virapocalypse_76:

(Start: 32 @59920 has 280 MA's), (Start: 55 @59974 has 5 MA's), (Start: 62 @60004 has 1 MA's), (67, 60031), (68, 60037), (73, 60073), (75, 60079), (79, 60091), (85, 60145), (89, 60172), (92, 60178), (101, 60226), (106, 60241),

Gene: Virgeve_73 Start: 59534, Stop: 60139, Start Num: 32

Candidate Starts for Virgeve_73:

(Start: 32 @59534 has 280 MA's), (Start: 55 @59588 has 5 MA's), (Start: 62 @59618 has 1 MA's), (67, 59645), (68, 59651), (73, 59687), (75, 59693), (79, 59705), (85, 59759), (89, 59786), (92, 59792), (101, 59840), (106, 59855),

Gene: Vista_74 Start: 59733, Stop: 60335, Start Num: 32

Candidate Starts for Vista_74:

(Start: 32 @59733 has 280 MA's), (Start: 55 @59787 has 5 MA's), (Start: 62 @59817 has 1 MA's), (67, 59844), (68, 59850), (73, 59886), (75, 59892), (79, 59904), (85, 59958), (89, 59985), (92, 59991), (101, 60039), (106, 60054),

Gene: Vivaldi_75 Start: 60017, Stop: 60619, Start Num: 32

Candidate Starts for Vivaldi_75:

(Start: 32 @60017 has 280 MA's), (Start: 55 @60071 has 5 MA's), (Start: 62 @60101 has 1 MA's), (67, 60128), (68, 60134), (73, 60170), (75, 60176), (79, 60188), (85, 60242), (89, 60269), (92, 60275), (101, 60323), (106, 60338),

Gene: Vortex_74 Start: 59840, Stop: 60442, Start Num: 32

Candidate Starts for Vortex_74:

(Start: 32 @59840 has 280 MA's), (Start: 55 @59894 has 5 MA's), (Start: 62 @59924 has 1 MA's), (67, 59951), (68, 59957), (73, 59993), (75, 59999), (79, 60011), (85, 60065), (89, 60092), (92, 60098), (101, 60146), (106, 60161),

Gene: Waleliano_71 Start: 61106, Stop: 61672, Start Num: 36

Candidate Starts for Waleliano_71:

(1, 60305), (3, 60377), (5, 60566), (7, 60689), (9, 60734), (10, 60746), (14, 60866), (Start: 22 @61013 has 1 MA's), (23, 61016), (Start: 36 @61106 has 27 MA's), (Start: 62 @61178 has 1 MA's), (68, 61211), (73, 61247), (77, 61259), (82, 61298), (85, 61319), (86, 61325), (92, 61355), (93, 61358), (101, 61403), (124, 61490), (142, 61604),

Gene: Wallhey_76 Start: 59840, Stop: 60442, Start Num: 32

Candidate Starts for Wallhey_76:

(Start: 32 @59840 has 280 MA's), (Start: 55 @59894 has 5 MA's), (Start: 62 @59924 has 1 MA's), (67, 59951), (68, 59957), (73, 59993), (75, 59999), (79, 60011), (85, 60065), (89, 60092), (92, 60098), (101, 60146), (106, 60161),

Gene: Waterdiva_76 Start: 60107, Stop: 60709, Start Num: 32

Candidate Starts for Waterdiva_76:

(Start: 32 @60107 has 280 MA's), (Start: 55 @60161 has 5 MA's), (Start: 62 @60191 has 1 MA's), (67, 60218), (68, 60224), (73, 60260), (75, 60266), (79, 60278), (85, 60332), (89, 60359), (92, 60365), (101, 60413), (106, 60428),

Gene: Weher20_72 Start: 60178, Stop: 60780, Start Num: 32

Candidate Starts for Weher20_72:

(Start: 32 @60178 has 280 MA's), (Start: 55 @60232 has 5 MA's), (Start: 62 @60262 has 1 MA's), (67, 60289), (68, 60295), (73, 60331), (75, 60337), (79, 60349), (85, 60403), (89, 60430), (92, 60436), (101, 60484), (106, 60499),

Gene: West99_69 Start: 57849, Stop: 58562, Start Num: 37

Candidate Starts for West99_69:

(28, 57792), (31, 57822), (Start: 37 @57849 has 37 MA's), (64, 57927), (73, 57990), (78, 58005), (85, 58062), (88, 58086), (91, 58095), (103, 58149), (108, 58167), (112, 58176), (125, 58242), (131, 58263), (165, 58539),

Gene: Windsor_75 Start: 60123, Stop: 60725, Start Num: 32

Candidate Starts for Windsor_75:

(Start: 32 @60123 has 280 MA's), (Start: 55 @60177 has 5 MA's), (Start: 62 @60207 has 1 MA's), (67, 60234), (68, 60240), (73, 60276), (75, 60282), (79, 60294), (85, 60348), (89, 60375), (92, 60381), (101, 60429), (106, 60444),

Gene: Wooper_74 Start: 55255, Stop: 55770, Start Num: 51

Candidate Starts for Wooper_74:

(Start: 51 @55255 has 7 MA's), (Start: 60 @55288 has 1 MA's), (68, 55324), (73, 55360), (76, 55369), (83, 55423), (87, 55441), (88, 55456), (94, 55474), (103, 55519), (134, 55627), (137, 55651), (142, 55696),

Gene: Xavier_75 Start: 59726, Stop: 60331, Start Num: 32

Candidate Starts for Xavier_75:

(Start: 32 @59726 has 280 MA's), (Start: 55 @59780 has 5 MA's), (Start: 62 @59810 has 1 MA's), (67, 59837), (68, 59843), (73, 59879), (75, 59885), (79, 59897), (85, 59951), (89, 59978), (92, 59984), (101, 60032), (106, 60047),

Gene: Xincheng_71 Start: 62334, Stop: 62900, Start Num: 36

Candidate Starts for Xincheng_71:

(Start: 22 @62241 has 1 MA's), (23, 62244), (Start: 36 @62334 has 27 MA's), (Start: 62 @62406 has 1 MA's), (68, 62439), (73, 62475), (77, 62487), (82, 62526), (85, 62547), (86, 62553), (92, 62583), (93, 62586), (101, 62631), (124, 62718), (142, 62832),

Gene: Yago84_71 Start: 54635, Stop: 55255, Start Num: 34

Candidate Starts for Yago84_71:

(Start: 34 @54635 has 3 MA's), (39, 54662), (Start: 54 @54683 has 8 MA's), (Start: 62 @54722 has 1 MA's), (68, 54752), (80, 54812), (83, 54851), (88, 54884), (108, 54965), (163, 55247),

Gene: Yahalom_75 Start: 59694, Stop: 60221, Start Num: 48

Candidate Starts for Yahalom_75:

(Start: 48 @59694 has 53 MA's), (Start: 62 @59742 has 1 MA's), (64, 59751), (68, 59778), (73, 59814), (80, 59838), (109, 59994), (115, 60015), (127, 60072), (137, 60114), (140, 60135),

Gene: Yeshua_73 Start: 55232, Stop: 55747, Start Num: 51

Candidate Starts for Yeshua_73:

(Start: 51 @55232 has 7 MA's), (Start: 60 @55265 has 1 MA's), (68, 55301), (73, 55337), (76, 55346), (83, 55400), (87, 55418), (88, 55433), (94, 55451), (103, 55496), (134, 55604), (137, 55628), (142, 55673),

Gene: Yinz_77 Start: 59759, Stop: 60286, Start Num: 48

Candidate Starts for Yinz_77:

(Start: 48 @59759 has 53 MA's), (Start: 62 @59807 has 1 MA's), (64, 59816), (68, 59843), (73, 59879), (80, 59903), (109, 60059), (115, 60080), (127, 60137), (137, 60179), (140, 60200),

Gene: Yoshand_76 Start: 59974, Stop: 60576, Start Num: 32

Candidate Starts for Yoshand_76:

(Start: 32 @59974 has 280 MA's), (Start: 55 @60028 has 5 MA's), (Start: 62 @60058 has 1 MA's), (67, 60085), (68, 60091), (73, 60127), (75, 60133), (79, 60145), (85, 60199), (89, 60226), (92, 60232), (101, 60280), (106, 60295),

Gene: YouGoGlencoco_75 Start: 59848, Stop: 60450, Start Num: 32

Candidate Starts for YouGoGlencoco_75:

(Start: 32 @59848 has 280 MA's), (Start: 55 @59902 has 5 MA's), (Start: 62 @59932 has 1 MA's), (67, 59959), (68, 59965), (73, 60001), (75, 60007), (79, 60019), (85, 60073), (89, 60100), (92, 60106), (101, 60154), (106, 60169),

Gene: Zaider_76 Start: 60049, Stop: 60651, Start Num: 32

Candidate Starts for Zaider_76:

(Start: 32 @60049 has 280 MA's), (Start: 55 @60103 has 5 MA's), (Start: 62 @60133 has 1 MA's), (67, 60160), (68, 60166), (73, 60202), (75, 60208), (79, 60220), (85, 60274), (89, 60301), (92, 60307), (101, 60355), (106, 60370),

Gene: Zelda_75 Start: 60179, Stop: 60781, Start Num: 32

Candidate Starts for Zelda_75:

(Start: 32 @60179 has 280 MA's), (Start: 55 @60233 has 5 MA's), (Start: 62 @60263 has 1 MA's), (67, 60290), (68, 60296), (73, 60332), (75, 60338), (79, 60350), (85, 60404), (89, 60431), (92, 60437), (101, 60485), (106, 60500),

Gene: Zemanar_71 Start: 61086, Stop: 61649, Start Num: 36

Candidate Starts for Zemanar_71:

(Start: 22 @60993 has 1 MA's), (23, 60996), (Start: 36 @61086 has 27 MA's), (Start: 62 @61158 has 1 MA's), (68, 61191), (73, 61227), (77, 61239), (82, 61278), (85, 61299), (86, 61305), (92, 61335), (93, 61338), (101, 61383), (124, 61470),

Gene: Zenteno07_85 Start: 63304, Stop: 63846, Start Num: 38

Candidate Starts for Zenteno07_85:

(24, 63211), (Start: 38 @63304 has 1 MA's), (68, 63391), (72, 63424), (76, 63436), (83, 63490), (85, 63499), (101, 63580), (110, 63604), (112, 63610), (124, 63667), (127, 63682), (132, 63697), (144, 63796),

Gene: Zonia_76 Start: 60291, Stop: 60893, Start Num: 32

Candidate Starts for Zonia_76:

(Start: 32 @60291 has 280 MA's), (Start: 55 @60345 has 5 MA's), (Start: 62 @60375 has 1 MA's), (67, 60402), (68, 60408), (73, 60444), (75, 60450), (79, 60462), (85, 60516), (89, 60543), (92, 60549), (101, 60597), (106, 60612),