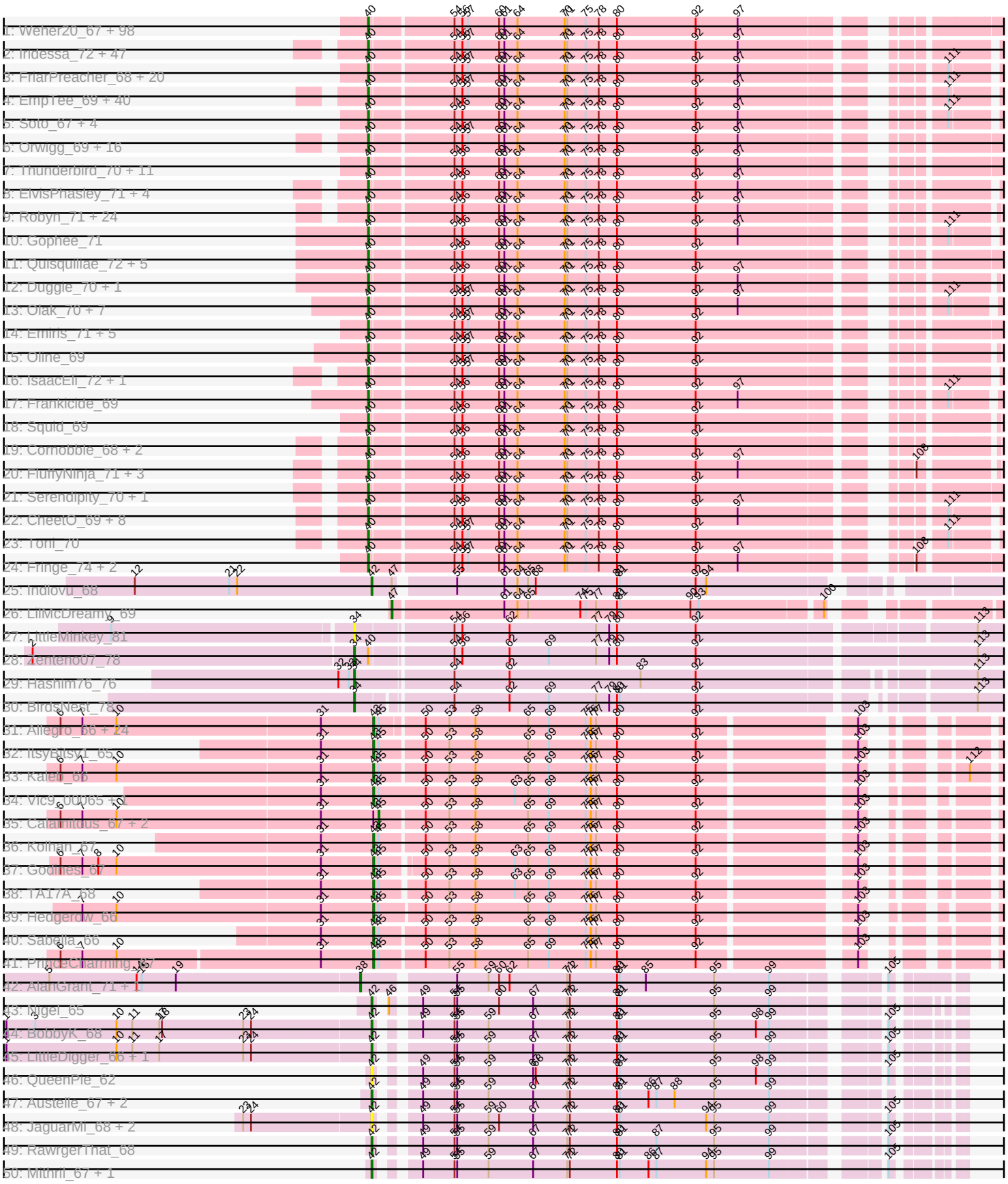
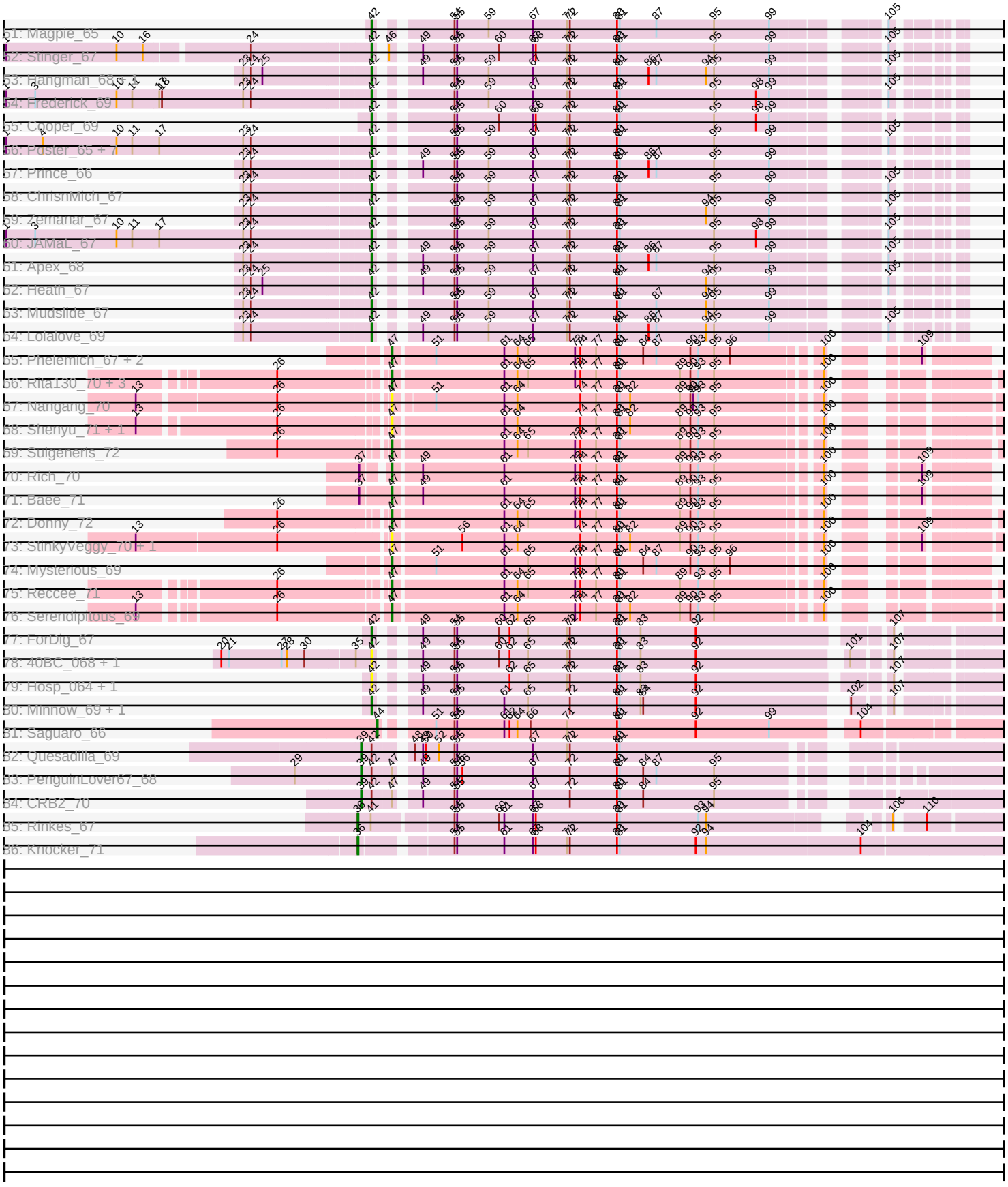
Pham 347099


1: Wener20_67 + 98
2: Indessa_72 + 47
3: FnarPreacher_68 + 20
4: EmpTee_69 + 40
5: Soto_67 + 4
6: Orwigg_69 + 16
7: Thunderbird_70 + 11
8: ElvisPhasley_71 + 4
9: Robyn_71 + 24
10: Gophee_71
11: Quisquiliae_72 + 5
12: Duggie_70 + 1
13: Olak_70 + 7
14: Emiris_71 + 5
15: Oline_69
16: IsaacEli_72 + 1
17: Frankicide_69
18: Squid_69
19: Comobbie_68 + 2
20: FluffyNinja_71 + 3
21: Serendipity_70 + 1
22: CheetO_69 + 8
23: Toni_70
24: Fringe_74 + 2
25: Indiovu_68
26: LilMcDreamy_69
27: LittleMinkey_81
28: Zenteno07_78
29: Hashim76_76
30: BirdsNest_78
31: Allegro_66 + 24
32: Itsyitsy1_65
33: Kaleh_66
34: Vic9_00065 + 10
35: Calamitous_67 + 2
36: Kolman_67
37: Goodness_67
38: TA17A_68
39: Hedgerow_66
40: Sabella_66
41: PrinceCharming_67
42: AlanGrant_71 + 1
43: Nigel_65
44: BobbyK_68
45: LittleDigger_66 + 1
46: QueenPie_62
47: Austelle_67 + 2
48: JaguarMi_68 + 2
49: RawrgerThat_68
50: Mithni_67 + 1

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51: Magpie_65
52: Stinger_67
53: Hangman_68 + 1
54: Frederick_69
55: Cooper_69
56: Poster_65 + 7
57: Prince_66
58: ChrisnMich_67
59: Zemanar_67
60: JAMaL_67
61: Apex_68
62: Heath_67
63: Mudslide_67
64: Lolalove_69
65: Phelemich_67 + 2
66: Rita130_70 + 3
67: Nangang_70
68: Shenyu_71 + 1
69: Sulgeneris_72
70: Rich_70
71: Baee_71
72: Donny_72
73: StinkyVeggy_70 + 1
74: Mysterious_69
75: Reccee_71
76: Serendipitous_69
77: ForDig_67
78: 40BC_068 + 1
79: Hosp_064 + 1
80: Minnow_69 + 1
81: Saguaro_66
82: Quesadilla_69
83: PenguinLover67_68
84: CRB2_70
85: Rinkes_67
86: Knocker_71

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 347099 Report

This analysis was run 11/14/26 on database version 672.

Pham number 347099 has 437 members, 52 are drafts.

Phages represented in each track:
• Track 1 : Weher20_67, JDog_69, Magic8_69, Murdoc_67, Mulan_69, Salazzle_68, Taraxa_70, Jbug01_69, Boehler_69, Melc17_67, CampRoach_71, Vortex_69, Pipsqueak_67, Plata_69, Podrick_69, MichaelPhcott_68, PallasAthena_71, Chute_70, Karn_70, DelRivs_68, Longacauda_71, Adriana_71, YouGoGlencoco_70, UncleHowie_67, Durga_72, Buckeye_70, Legolas_71, LemonSlice_70, Cobra_70, TomBombadil_70, Zelda_70, AngelCake_69, Pops_68, HogWash_70, DolOn_74, Gyarad_0069, PhenghisKhan_70, LeeLot_69, KlimbOn_69, Doddsville_68, Chaelin_71, Sophia_68, Cher_70, Dati_67, OSmaximus_70, Gwilliam_71, Hocus_68, RedMaple_70, Crownjwl_68, Jiminy_70, Kailash_68, Kiwot_70, Soile_71, JakeO_71, FugateOSU_70, LostAndPhound_69, Horchata_67, Virgeve_68, LeiMonet_73, MelsMeow_69, Nova1_70, Phareon_68, Gwennie1_69, Morgushi_68, Phergie_70, HighStump_71, Eremos_69, Coletti_73, Harvey_67, Surely_70, Nehme_67, SassyCat97_68, Lasso_69, Trypo_71, Veritas_69, BlacksBerry_71, Squiggle_69, Roscoe_70, Struggle_70, Potter_67, Held_68, Vectra_69, Hartsy_69, Fozzie_68, Mag7_68, Fang_71, PhrankReynolds_69, Andre_72, DonSanchon_66, Chuni_73, Apizium_69, Haimas_68, Jesabah_72, Happabalu_68, LasagnaCat_71, PinheadLarry_69, Aleia_69, BatteryCK_68, Inchworm_71
• Track 2 : Iridessa_72, Vista_69, Thora_69, Anderson_72, Badfish_71, GeneCoco_71, Hertubise_70, Cannibal_71, Mesh1_71, Oosterbaan_70, Orion_70, Scoot17C_71, Nathan_71, Megatron_71, Cornbread_69, PhrodoBaggins_72, Mosaic_68, Altwerkus_69, Katniss_72, PG1_70, Chah_72, Mana_69, HenryJackson_71, Pinkman_70, ThreeOh3D2_72, Kahve_71, SilverBell_71, Eugenia_71, Mutante_71, MRabcd_70, Skippy_72, Hetaeria_70, Maskar_71, Piglet_0071, Zonia_71, Keitherie_73, TallGrassMM_69, Serpentine_0071, Wallhey_71, Jillium_71, ImtiyazSitla_71, Waterdiva_71, Maru_70, UAch1_71, Ashraf_71, Matalotodo_69, Kwksand96_71, Phipps_70
• Track 3 : FriarPreacher_68, Basato_69, Plmatters_68, Banjo_68, QueenBeane_70, Iridoclysis_69, Freya_67, OneBrain_73, Samaymay_70, Lumine_71, Craff_73, MiniBoss_67, Simielle_70, CamL_70, Placalicious_70, True_68, Orfeu_69, Puhltonio_68, Bishoperium_70, Phamished_71, Ricotta_70
• Track 4 : EmpTee_69, FleetyMac_70, LuckyMarjie_67, Mesmerelda_69, Pacifista_69, Mecca_70, FremontTroll_70, Kimbrough_71, Roy17_68, Mcshane_69, Sigman_70, JacAttac_70, Bluephacebaby_69, ProfessorX_68, Olive_68, Omniscient_71, RedRaider89_69, ABU_69, DoesntMatter_67, NiaNia_71, Lulumae_67, Spartan300_69, Beaglebox_68, Roliet_67, Virapocalypse_71, Burr_70, Tomlarah_71, Phunky_68, Zaider_71, AltPhacts_68, Vaticameos_67, JangoPhett_68, Dice_69, Nyala_69, Nicole21_71, Dione_68, Selr12_71, Riggan_71, Telesworld_68,

Valjean_69, BoogieWoogie_72
• Track 5 : Soto_67, SirBeauregard_71, Labeouficaum_70, Derpp_70, TyrionL_70
• Track 6 : Orwigg_69, Riverton_69, Manad_69, Grand2040_68, Etaye_69, Brilliant_73, Schueller_68, Kwadwo_69, Haleema_69, AbsoluteMadLad_69, Megamind20_70, Giraffe_70, Gareth_70, CharlieGBrown_68, Phleuron_68, KingTut_61, Caspiboi_69
• Track 7 : Thunderbird_70, Swiphy_72, TooFast2Furius_69, Solosis_68, Windsor_70, PhatLouie_72, Inverness_68, Jiraiya_71, MrPhizzler_73, SDcharge11_69, Larson_72, Flake_69
• Track 8 : ElvisPhasley_71, Daffy_69, MitKao_70, Chorkpop_71, Hamish_67
• Track 9 : Robyn_71, Aelin_69, Kloppinator_70, Azuria_68, EmGer13_70, Usavi_71, Hekos_68, KLucky39_68, Suffolk_68, Newman_68, Lopsy_67, Antonia_69, Vaishali24_71, Chunky_70, Triad_71, Carthage_70, Timmi_69, GreenChile_69, Lehmann_72, Schadenfreude_70, Tooj_68, Chipette_70, Nacho_0073, Septica_69, KingVeVeVe_68
• Track 10 : Gophee_71
• Track 11 : Quisquiliae_72, Numberten_69, Aonishiki_71, Lulwa_68, ShadowBud_71, Morty_71
• Track 12 : Duggie_70, Charles1_71
• Track 13 : Olak_70, PhatCats2014_71, Lego3393_68, OliverWalter_70, Cosmolli16_72, Childish_70, Xavier_70, DaddyDaniels_73
• Track 14 : Emiris_71, Scrick_69, Khan1_69, Slatt_70, Rimu_70, DuchessDung_69
• Track 15 : Oline_69
• Track 16 : IsaacEli_72, Kikipoo_72
• Track 17 : Frankicide_69
• Track 18 : Squid_69
• Track 19 : Cornobble_68, SallyH_72, Colbert_68
• Track 20 : FluffyNinja_71, Yoshand_71, Pherdinand_71, BlackStallion_71
• Track 21 : Serendipity_70, Swish_71
• Track 22 : CheetO_69, Daka_72, DirtJuice_70, Prickles_71, HSavage_68, Dingo_67, Mikota_67, Sheila_66, BlueHusk_71
• Track 23 : Toni_70
• Track 24 : Fringe_74, ShiVal_68, Vivaldi_70
• Track 25 : Indlovu_68
• Track 26 : LilMcDreamy_69
• Track 27 : LittleMinkey_81
• Track 28 : Zenteno07_78
• Track 29 : Hashim76_76
• Track 30 : BirdsNest_78
• Track 31 : Allegro_66, Kheth_66, Glass_67, LizLemon_66, Lephleur_66, Brownie5_66, Phantasmagoria_65, Coffee_66, Rosebush_65, Opia_67, Tinciduntsolum_67, Rhinoforte_66, West99_66, Eaglehorse_66, Arbiter_64, LilSmirk_66, Tres_66, Ares_66, Qyrzula_60, Blocker23_66, Bananafish_67, Lars_67, MasterPo_67, FrenchFry_67, Holeinone_66
• Track 32 : ItsyBitsy1_65
• Track 33 : Kaleb_66
• Track 34 : Vic9_00065, Laurie_66
• Track 35 : Calamitous_67, Faze9_65, Boyle_66
• Track 36 : Kolhan_67
• Track 37 : Godines_67
• Track 38 : TA17A_68
• Track 39 : Hedgerow_66
• Track 40 : Sabella_66

• Track 41 : PrinceCharming_67
• Track 42 : AlanGrant_71, Vincenzo_70
• Track 43 : Nigel_65
• Track 44 : BobbyK_68
• Track 45 : LittleDigger_66, Renkei_66
• Track 46 : QueenPie_62
• Track 47 : Austelle_67, JoyceMaria_68, VioletZ_69
• Track 48 : JaguarMi_68, Xincheng_67, Fanaw_64
• Track 49 : RawrgerThat_68
• Track 50 : Mithril_67, Fortunato_68
• Track 51 : Magpie_65
• Track 52 : Stinger_67
• Track 53 : Hangman_68, Hydro_68
• Track 54 : Frederick_69
• Track 55 : Cooper_69
• Track 56 : Poster_65, Ahwei_65, Lambano_65, GinPorsche_67, Nanao_66, Epah_65, Hally898_65, Antihero_65
• Track 57 : Prince_66
• Track 58 : ChrisnMich_67
• Track 59 : Zemanar_67
• Track 60 : JAMaL_67
• Track 61 : Apex_68
• Track 62 : Heath_67
• Track 63 : Mudslide_67
• Track 64 : Lolalove_69
• Track 65 : Phelemich_67, Reprobate_69, Nehemiah_69
• Track 66 : Rita130_70, EastView9101_70, SirJeffery_70, Acadian_71
• Track 67 : Nangang_70
• Track 68 : Shenyu_71, DigitDog_71
• Track 69 : Suigeneris_72
• Track 70 : Rich_70
• Track 71 : Baee_71
• Track 72 : Donny_72
• Track 73 : StinkyVeggy_70, KarasumaRum_70
• Track 74 : Mysterious_69
• Track 75 : Reccee_71
• Track 76 : Serendipitous_69
• Track 77 : ForDig_67
• Track 78 : 40BC_068, 39HC_068
• Track 79 : Hosp_064, Jolie1_066
• Track 80 : Minnow_69, KayaCho_66
• Track 81 : Saguaro_66
• Track 82 : Quesadilla_69
• Track 83 : PenguinLover67_68
• Track 84 : CRB2_70
• Track 85 : Rinkes_67
• Track 86 : Knocker_71

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

The start number called the most often in the published annotations is 40, it was called in 297 of the 385 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_69, AbsoluteMadLad_69, Adriana_71, Aelin_69, Aleia_69, AltPhacts_68, Altwerkus_69, Anderson_72, Andre_72, AngelCake_69, Antonia_69, Aonishiki_71, Apizium_69, Ashraf_71, Azuria_68, Badfish_71, Banjo_68, Basato_69, BatteryCK_68, Beaglebox_68, Bishoperium_70, BlackStallion_71, BlacksBerry_71, BlueHusk_71, Bluephacebaby_69, Boehler_69, BoogieWoogie_72, Brilliant_73, Buckeye_70, Burr_70, CamL_70, CampRoach_71, Cannibal_71, Carthage_70, Caspiboi_69, Chaelin_71, Chah_72, Charles1_71, CharlieGBrown_68, CheetO_69, Cher_70, Childish_70, Chipette_70, Chorkpop_71, Chuni_73, Chunky_70, Chute_70, Cobra_70, Colbert_68, Coletti_73, Cornbread_69, Cornobble_68, Cosmolli16_72, Craff_73, Crownjwl_68, DaddyDaniels_73, Daffy_69, Daka_72, Dati_67, DelRivs_68, Derpp_70, Dice_69, Dingo_67, Dione_68, DirtJuice_70, Doddsville_68, DoesntMatter_67, DolOn_74, DonSanchon_66, DuchessDung_69, Duggie_70, Durga_72, ElvisPhasley_71, EmGer13_70, Emiris_71, EmpTee_69, Eremos_69, Etaye_69, Eugenia_71, Fang_71, Flake_69, FleetyMac_70, FluffyNinja_71, Fozzie_68, Frankicide_69, FremontTroll_70, Freya_67, FriarPreacher_68, Fringe_74, FugateOSU_70, Gareth_70, GeneCoco_71, Giraffe_70, Gophee_71, Grand2040_68, GreenChile_69, Gwennie1_69, Gwilliam_71, Gyarad_0069, HSavage_68, Haimas_68, Haleema_69, Hamish_67, Happabalu_68, Hartsy_69, Harvey_67, Hekos_68, Held_68, HenryJackson_71, Hertubise_70, Hetaeria_70, HighStump_71, Hocus_68, HogWash_70, Horchata_67, ImtiyazSitla_71, Inchworm_71, Inverness_68, Iridessa_72, Iridoclysis_69, IsaacEli_72, JDog_69, JacAttac_70, JakeO_71, JangoPhett_68, Jbug01_69, Jesabah_72, Jillium_71, Jiminy_70, Jiraiya_71, KLucky39_68, Kahve_71, Kailash_68, Karn_70, Katniss_72, Keitherie_73, Khan1_69, Kikipoo_72, Kimbrough_71, KingTut_61, KingVeVeVe_68, Kiwot_70, KlimbOn_69, Kloppinator_70, Kwadwo_69, Kwksand96_71, Labeouficaum_70, Larson_72, LasagnaCat_71, Lasso_69, LeeLot_69, Lego3393_68, Legolas_71, Lehmann_72, LeiMonet_73, LemonSlice_70, Longacauda_71, Lopsy_67, LostAndPhound_69, LuckyMarjie_67, Lulumae_67, Lulwa_68, Lumine_71, MRabcd_70, Mag7_68, Magic8_69, Mana_69, Manad_69, Maru_70, Maskar_71, Matalotodo_69, Mcshane_69, Mecca_70, Megamind20_70, Megatron_71, Melc17_67, MelsMeow_69, Mesh1_71, Mesmerelda_69, MichaelPhcott_68, Mikota_67, MiniBoss_67, MitKao_70, Morgushi_68, Morty_71, Mosaic_68, MrPhizzler_73, Mulan_69, Murdoc_67, Mutante_71, Nacho_0073, Nathan_71, Nehme_67, Newman_68, NiaNia_71, Nicole21_71, Nova1_70, Numberten_69, Nyala_69, OSmaximus_70, Olak_70, Oline_69, Olive_68, OliverWalter_70, Omniscient_71, OneBrain_73, Oosterbaan_70, Orfeu_69, Orion_70, Orwigg_69, PG1_70, Pacifista_69, PallasAthena_71, Phamished_71, Phareon_68, PhatCats2014_71, PhatLouie_72, PhenghisKhan_70, Pherdinand_71, Phergie_70, Phipps_70, Phleuron_68, PhrankReynolds_69, PhrodoBaggins_72, Phunky_68, Piglet_0071, PinheadLarry_69, Pinkman_70, Pipsqueak_67, Placalicious_70, Plata_69, Plmatters_68, Podrick_69, Pops_68, Potter_67, Prickles_71, ProfessorX_68, Puhltonio_68, QueenBeane_70, Quisquiliae_72, RedMaple_70, RedRaider89_69, Ricotta_70, Riggan_71, Rimu_70, Riverton_69, Robyn_71, Roliet_67, Roscoe_70, Roy17_68, SDcharge11_69, Salazzle_68, SallyH_72, Samaymay_70, SassyCat97_68, Schadenfreude_70, Schueller_68, Scoot17C_71, Scrick_69, Selr12_71, Septica_69, Serendipity_70, Serpentine_0071, ShadowBud_71, Sheila_66, ShiVal_68, Sigman_70, SilverBell_71, Simielle_70, SirBeauregard_71, Skippy_72, Slatt_70, Soile_71, Solosis_68, Sophia_68, Soto_67, Spartan300_69, Squid_69, Squiggle_69, Struggle_70, Suffolk_68, Surely_70,

Swiphy_72, Swish_71, TallGrassMM_69, Taraxa_70, Telesworld_68, Thora_69, ThreeOh3D2_72, Thunderbird_70, Timmi_69, TomBombadil_70, Tomlarah_71, Toni_70, TooFast2Furius_69, Tooj_68, Triad_71, True_68, Trypo_71, TyrionL_70, UAch1_71, UncleHowie_67, Usavi_71, Vaishali24_71, Valjean_69, Vaticameos_67, Vectra_69, Veritas_69, Virapocalypse_71, Virgeve_68, Vista_69, Vivaldi_70, Vortex_69, Wallhey_71, Waterdiva_71, Weher20_67, Windsor_70, Xavier_70, Yoshand_71, YouGoGlencoco_70, Zaider_71, Zelda_70, Zonia_71,

Genes that have the "Most Annotated" start but do not call it:
• Zenteno07_78,

Genes that do not have the "Most Annotated" start:
• 39HC_068, 40BC_068, Acadian_71, Ahwei_65, AlanGrant_71, Allegro_66, Antihero_65, Apex_68, Arbiter_64, Ares_66, Austelle_67, Baee_71, Bananafish_67, BirdsNest_78, Blocker23_66, BobbyK_68, Boyle_66, Brownie5_66, CRB2_70, Calamitous_67, ChrisnMich_67, Coffee_66, Cooper_69, DigitDog_71, Donny_72, Eaglehorse_66, EastView9101_70, Epah_65, Fanaw_64, Faze9_65, ForDig_67, Fortunato_68, Frederick_69, FrenchFry_67, GinPorsche_67, Glass_67, Godines_67, Hally898_65, Hangman_68, Hashim76_76, Heath_67, Hedgerow_66, Holeinone_66, Hosp_064, Hydro_68, Indlovu_68, ItsyBitsy1_65, JAMaL_67, JaguarMi_68, Jolie1_066, JoyceMaria_68, Kaleb_66, KarasumaRum_70, KayaCho_66, Kheth_66, Knocker_71, Kolhan_67, Lambano_65, Lars_67, Laurie_66, Lephleur_66, LilMcDreamy_69, LilSmirk_66, LittleDigger_66, LittleMinkey_81, LizLemon_66, Lolalove_69, Magpie_65, MasterPo_67, Minnow_69, Mithril_67, Mudslide_67, Mysterious_69, Nanao_66, Nangang_70, Nehemiah_69, Nigel_65, Opia_67, PenguinLover67_68, Phantasmagoria_65, Phelemich_67, Poster_65, PrinceCharming_67, Prince_66, QueenPie_62, Quesadilla_69, Qyrzula_60, RawrgerThat_68, Reccee_71, Renkei_66, Reprobate_69, Rhinoforte_66, Rich_70, Rinkes_67, Rita130_70, Rosebush_65, Sabella_66, Saguaro_66, Serendipitous_69, Shenyu_71, SirJeffery_70, Stinger_67, StinkyVeggy_70, Suigeneris_72, TA17A_68, Tinciduntsolum_67, Tres_66, Vic9_00065, Vincenzo_70, VioletZ_69, West99_66, Xincheng_67, Zemanar_67,

Summary by start number:

Start 34:
• Found in 4 of 437 (0.9%) of genes in pham
• Manual Annotations of this start: 3 of 385
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdsNest_78 (B13), Hashim76_76 (B13), LittleMinkey_81 (B13), Zenteno07_78 (B13),

Start 36:
• Found in 2 of 437 (0.5%) of genes in pham
• Manual Annotations of this start: 2 of 385
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Knocker_71 (B9), Rinkes_67 (B9),

Start 38:
• Found in 2 of 437 (0.5%) of genes in pham
• Manual Annotations of this start: 2 of 385
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlanGrant_71 (B4), Vincenzo_70 (B4),

Start 39:
• Found in 3 of 437 (0.7%) of genes in pham
• Manual Annotations of this start: 3 of 385
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CRB2_70 (B9), PenguinLover67_68 (B9), Quesadilla_69 (B9),

Start 40:
• Found in 324 of 437 (74.1%) of genes in pham
• Manual Annotations of this start: 297 of 385
• Called 99.7% of time when present
• Phage (with cluster) where this start called: ABU_69 (B1), AbsoluteMadLad_69 (B1), Adriana_71 (B1), Aelin_69 (B1), Aleia_69 (B1), AltPhacts_68 (B1), Altwerkus_69 (B1), Anderson_72 (B1), Andre_72 (B1), AngelCake_69 (B1), Antonia_69 (B1), Aonishiki_71 (B1), Apizium_69 (B1), Ashraf_71 (B1), Azuria_68 (B1), Badfish_71 (B1), Banjo_68 (B1), Basato_69 (B1), BatteryCK_68 (B1), Beaglebox_68 (B1), Bishoperium_70 (B1), BlackStallion_71 (B1), BlacksBerry_71 (B1), BlueHusk_71 (B1), Bluephacebaby_69 (B1), Boehler_69 (B1), BoogieWoogie_72 (B1), Brilliant_73 (B1), Buckeye_70 (B1), Burr_70 (B1), CamL_70 (B1), CampRoach_71 (B1), Cannibal_71 (B1), Carthage_70 (B1), Caspiboi_69 (B1), Chaelin_71 (B1), Chah_72 (B1), Charles1_71 (B1), CharlieGBrown_68 (B1), CheetO_69 (B1), Cher_70 (B1), Childish_70 (B1), Chipette_70 (B1), Chorkpop_71 (B1), Chuni_73 (B1), Chunky_70 (B1), Chute_70 (B1), Cobra_70 (B1), Colbert_68 (B1), Coletti_73 (B1), Cornbread_69 (B1), Cornobble_68 (B1), Cosmolli16_72 (B1), Craff_73 (B1), Crownjwl_68 (B1), DaddyDaniels_73 (B1), Daffy_69 (B1), Daka_72 (B1), Dati_67 (B1), DelRivs_68 (B1), Derpp_70 (B1), Dice_69 (B1), Dingo_67 (B1), Dione_68 (B1), DirtJuice_70 (B1), Doddsville_68 (B1), DoesntMatter_67 (B1), DolOn_74 (B1), DonSanchon_66 (B1), DuchessDung_69 (B1), Duggie_70 (B1), Durga_72 (B1), ElvisPhasley_71 (B1), EmGer13_70 (B1), Emiris_71 (B1), EmpTee_69 (B1), Eremos_69 (B1), Etaye_69 (B1), Eugenia_71 (B1), Fang_71 (B1), Flake_69 (B1), FleetyMac_70 (B1), FluffyNinja_71 (B1), Fozzie_68 (B1), Frankicide_69 (B1), FremontTroll_70 (B1), Freya_67 (B1), FriarPreacher_68 (B1), Fringe_74 (B1), FugateOSU_70 (B1), Gareth_70 (B1), GeneCoco_71 (B1), Giraffe_70 (B1), Gophee_71 (B1), Grand2040_68 (B1), GreenChile_69 (B1), Gwennie1_69 (B1), Gwilliam_71 (B1), Gyarad_0069 (B1), HSavage_68 (B1), Haimas_68 (B1), Haleema_69 (B1), Hamish_67 (B1), Happabalu_68 (B1), Hartsy_69 (B1), Harvey_67 (B1), Hekos_68 (B1), Held_68 (B1), HenryJackson_71 (B1), Hertubise_70 (B1), Hetaeria_70 (B1), HighStump_71 (B1), Hocus_68 (B1), HogWash_70 (B1), Horchata_67 (B1), ImtiyazSitla_71 (B1), Inchworm_71 (B1), Inverness_68 (B1), Iridessa_72 (B1), Iridoclysis_69 (B1), IsaacEli_72 (B1), JDog_69 (B1), JacAttac_70 (B1), JakeO_71 (B1), JangoPhett_68 (B1), Jbug01_69 (B1), Jesabah_72 (B1), Jillium_71 (B1), Jiminy_70 (B1), Jiraiya_71 (B1), KLucky39_68 (B1), Kahve_71 (B1), Kailash_68 (B1), Karn_70 (B1), Katniss_72 (B1), Keitherie_73 (B1), Khan1_69 (B1), Kikipoo_72 (B1), Kimbrough_71 (B1), KingTut_61 (B1), KingVeVeVe_68 (B1), Kiwot_70 (B1), KlimbOn_69 (B1), Kloppinator_70 (B1), Kwadwo_69 (B1), Kwksand96_71 (B1), Labeouficaum_70 (B1), Larson_72 (B1), LasagnaCat_71 (B1), Lasso_69 (B1), LeeLot_69 (B1), Lego3393_68 (B1), Legolas_71 (B1), Lehmann_72 (B1), LeiMonet_73 (B1), LemonSlice_70 (B1), Longacauda_71 (B1), Lopsy_67 (B1), LostAndPhound_69 (B1), LuckyMarjie_67 (B1), Lulumae_67 (B1), Lulwa_68 (B1), Lumine_71 (B1), MRabcd_70 (B1), Mag7_68 (B1), Magic8_69 (B1), Mana_69 (B1), Manad_69 (B1), Maru_70 (B1), Maskar_71 (B1), Matalotodo_69 (B1), Mcshane_69 (B1), Mecca_70 (B1), Megamind20_70 (B1), Megatron_71 (B1), Melc17_67 (B1),

MelsMeow_69 (B1), Mesh1_71 (B1), Mesmerelda_69 (B1), MichaelPhcott_68 (B1), Mikota_67 (B1), MiniBoss_67 (B1), MitKao_70 (B1), Morgushi_68 (B1), Morty_71 (B1), Mosaic_68 (B1), MrPhizzler_73 (B1), Mulan_69 (B1), Murdoc_67 (B1), Mutante_71 (B1), Nacho_0073 (B1), Nathan_71 (B1), Nehme_67 (B1), Newman_68 (B1), NiaNia_71 (B1), Nicole21_71 (B1), Nova1_70 (B1), Numberten_69 (B1), Nyala_69 (B1), OSmaximus_70 (B1), Olak_70 (B1), Oline_69 (B1), Olive_68 (B1), OliverWalter_70 (B1), Omniscient_71 (B1), OneBrain_73 (B1), Oosterbaan_70 (B1), Orfeu_69 (B1), Orion_70 (B1), Orwigg_69 (B1), PG1_70 (B1), Pacifista_69 (B1), PallasAthena_71 (B1), Phamished_71 (B1), Phareon_68 (B1), PhatCats2014_71 (B1), PhatLouie_72 (B1), PhenghisKhan_70 (B1), Pherdinand_71 (B1), Phergie_70 (B1), Phipps_70 (B1), Phleuron_68 (B1), PhrankReynolds_69 (B1), PhrodoBaggins_72 (B1), Phunky_68 (B1), Piglet_0071 (B1), PinheadLarry_69 (B1), Pinkman_70 (B1), Pipsqueak_67 (B1), Placalicious_70 (B1), Plata_69 (B1), Plmatters_68 (B1), Podrick_69 (B1), Pops_68 (B1), Potter_67 (B1), Prickles_71 (B1), ProfessorX_68 (B1), Puhltonio_68 (B1), QueenBeane_70 (B1), Quisquiliae_72 (B1), RedMaple_70 (B1), RedRaider89_69 (B1), Ricotta_70 (B1), Riggan_71 (B1), Rimu_70 (B1), Riverton_69 (B1), Robyn_71 (B1), Roliet_67 (B1), Roscoe_70 (B1), Roy17_68 (B1), SDcharge11_69 (B1), Salazzle_68 (B1), SallyH_72 (B1), Samaymay_70 (B1), SassyCat97_68 (B1), Schadenfreude_70 (B1), Schueller_68 (B1), Scoot17C_71 (B1), Scrick_69 (B1), Selr12_71 (B1), Septica_69 (B1), Serendipity_70 (B1), Serpentine_0071 (B1), ShadowBud_71 (B1), Sheila_66 (B1), ShiVal_68 (B1), Sigman_70 (B1), SilverBell_71 (B1), Simielle_70 (B1), SirBeauregard_71 (B1), Skippy_72 (B1), Slatt_70 (B1), Soile_71 (B1), Solosis_68 (B1), Sophia_68 (B1), Soto_67 (B1), Spartan300_69 (B1), Squid_69 (B1), Squiggle_69 (B1), Struggle_70 (B1), Suffolk_68 (B1), Surely_70 (B1), Swiphy_72 (B1), Swish_71 (B1), TallGrassMM_69 (B1), Taraxa_70 (B1), Telesworld_68 (B1), Thora_69 (B1), ThreeOh3D2_72 (B1), Thunderbird_70 (B1), Timmi_69 (B1), TomBombadil_70 (B1), Tomlarah_71 (B1), Toni_70 (B1), TooFast2Furius_69 (B1), Tooj_68 (B1), Triad_71 (B1), True_68 (B1), Trypo_71 (B1), TyrionL_70 (B1), UAch1_71 (B1), UncleHowie_67 (B1), Usavi_71 (B1), Vaishali24_71 (B1), Valjean_69 (B1), Vaticameos_67 (B1), Vectra_69 (B1), Veritas_69 (B1), Virapocalypse_71 (B1), Virgeve_68 (B1), Vista_69 (B1), Vivaldi_70 (B1), Vortex_69 (B1), Wallhey_71 (B1), Waterdiva_71 (B1), Weher20_67 (B1), Windsor_70 (B1), Xavier_70 (B1), Yoshand_71 (B1), YouGoGlencoco_70 (B1), Zaider_71 (B1), Zelda_70 (B1), Zonia_71 (B1),

Start 42:
• Found in 47 of 437 (10.8%) of genes in pham
• Manual Annotations of this start: 28 of 385
• Called 93.6% of time when present
• Phage (with cluster) where this start called: 39HC_068 (B6), 40BC_068 (B6), Ahwei_65 (B4), Antihero_65 (B4), Apex_68 (B4), Austelle_67 (B4), BobbyK_68 (B4), ChrisnMich_67 (B4), Cooper_69 (B4), Epah_65 (B4), Fanaw_64 (B4), ForDig_67 (B6), Fortunato_68 (B4), Frederick_69 (B4), GinPorsche_67 (B4), Hally898_65 (B4), Hangman_68 (B4), Heath_67 (B4), Hosp_064 (B6), Hydro_68 (B4), Indlovu_68 (B11), JAMaL_67 (B4), JaguarMi_68 (B4), Jolie1_066 (B6), JoyceMaria_68 (B4), KayaCho_66 (B6), Lambano_65 (B4), LittleDigger_66 (B4), Lolalove_69 (B4), Magpie_65 (B4), Minnow_69 (B6), Mithril_67 (B4), Mudslide_67 (B4), Nanao_66 (B4), Nigel_65 (B4), Poster_65 (B4), Prince_66 (B4), QueenPie_62 (B4), RawrgerThat_68 (B4), Renkei_66 (B4), Stinger_67 (B4), VioletZ_69 (B4), Xincheng_67 (B4), Zemanar_67 (B4),

Start 43:

• Found in 38 of 437 (8.7%) of genes in pham
• Manual Annotations of this start: 34 of 385
• Called 92.1% of time when present
• Phage (with cluster) where this start called: Allegro_66 (B2), Arbiter_64 (B2), Ares_66 (B2), Bananafish_67 (B2), Blocker23_66 (B2), Brownie5_66 (B2), Coffee_66 (B2), Eaglehorse_66 (B2), FrenchFry_67 (B2), Glass_67 (B2), Godines_67 (B2), Hedgerow_66 (B2), Holeinone_66 (B2), ItsyBitsy1_65 (B2), Kaleb_66 (B2), Kheth_66 (B2), Kolhan_67 (B2), Lars_67 (B2), Laurie_66 (B2), Lephleur_66 (B2), LilSmirk_66 (B2), LizLemon_66 (B2), MasterPo_67 (B2), Opia_67 (B2), Phantasmagoria_65 (B2), PrinceCharming_67 (B2), Qyrzula_60 (B2), Rhinoforte_66 (B2), Rosebush_65 (B2), Sabella_66 (B2), TA17A_68 (B2), Tinciduntsolum_67 (B2), Tres_66 (B2), Vic9_00065 (B2), West99_66 (B2),

Start 44:
• Found in 1 of 437 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 385
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Saguaro_66 (B7),

Start 45:
• Found in 38 of 437 (8.7%) of genes in pham
• Manual Annotations of this start: 3 of 385
• Called 7.9% of time when present
• Phage (with cluster) where this start called: Boyle_66 (B2), Calamitous_67 (B2), Faze9_65 (B2),

Start 47:
• Found in 23 of 437 (5.3%) of genes in pham
• Manual Annotations of this start: 12 of 385
• Called 87.0% of time when present
• Phage (with cluster) where this start called: Acadian_71 (B5), Baee_71 (B5), DigitDog_71 (B5), Donny_72 (B5), EastView9101_70 (B5), KarasumaRum_70 (B5), LilMcDreamy_69 (B12), Mysterious_69 (B5), Nangang_70 (B5), Nehemiah_69 (B5), Phelemich_67 (B5), Reccee_71 (B5), Reprobate_69 (B5), Rich_70 (B5), Rita130_70 (B5), Serendipitous_69 (B5), Shenyu_71 (B5), SirJeffery_70 (B5), StinkyVeggy_70 (B5), Suigeneris_72 (B5),

Summary by clusters:

There are 10 clusters represented in this pham: B4, B5, B6, B7, B12, B1, B2, B11, B9, B13,

Info for manual annotations of cluster B1:
•Start number 40 was manually annotated 297 times for cluster B1.

Info for manual annotations of cluster B11:
•Start number 42 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 47 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 34 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:
•Start number 43 was manually annotated 34 times for cluster B2.
•Start number 45 was manually annotated 3 times for cluster B2.

Info for manual annotations of cluster B4:
•Start number 38 was manually annotated 2 times for cluster B4.
•Start number 42 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 47 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:
•Start number 42 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:
•Start number 44 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B9:
•Start number 36 was manually annotated 2 times for cluster B9.
•Start number 39 was manually annotated 3 times for cluster B9.

Gene Information:

Gene: 39HC_068 Start: 58083, Stop: 58772, Start Num: 42
Candidate Starts for 39HC_068:
(20, 57918), (21, 57927), (27, 57987), (28, 57993), (30, 58011), (35, 58065), (Start: 42 @58083 has 28 MA's), (49, 58113), (54, 58149), (55, 58152), (60, 58200), (62, 58212), (65, 58233), (71, 58278), (72, 58281), (80, 58335), (81, 58338), (83, 58362), (92, 58425), (101, 58581), (107, 58614),

Gene: 40BC_068 Start: 58083, Stop: 58772, Start Num: 42
Candidate Starts for 40BC_068:
(20, 57918), (21, 57927), (27, 57987), (28, 57993), (30, 58011), (35, 58065), (Start: 42 @58083 has 28 MA's), (49, 58113), (54, 58149), (55, 58152), (60, 58200), (62, 58212), (65, 58233), (71, 58278), (72, 58281), (80, 58335), (81, 58338), (83, 58362), (92, 58425), (101, 58581), (107, 58614),

Gene: ABU_69 Start: 57848, Stop: 58543, Start Num: 40
Candidate Starts for ABU_69:
(Start: 40 @57848 has 297 MA's), (54, 57938), (56, 57947), (57, 57953), (60, 57989), (61, 57995), (64, 58010), (70, 58064), (71, 58067), (75, 58088), (78, 58103), (80, 58124), (92, 58214), (97, 58262), (111, 58442),

Gene: AbsoluteMadLad_69 Start: 57803, Stop: 58510, Start Num: 40
Candidate Starts for AbsoluteMadLad_69:
(Start: 40 @57803 has 297 MA's), (54, 57893), (56, 57902), (57, 57908), (60, 57944), (61, 57950), (64, 57965), (70, 58019), (71, 58022), (75, 58043), (78, 58058), (80, 58079), (92, 58169), (97, 58217),

Gene: Acadian_71 Start: 59118, Stop: 59765, Start Num: 47
Candidate Starts for Acadian_71:
(26, 59004), (Start: 47 @59118 has 12 MA's), (61, 59241), (64, 59256), (65, 59268), (73, 59322), (74, 59328), (77, 59346), (80, 59370), (81, 59373), (89, 59442), (90, 59454), (93, 59463), (95, 59481), (100,

59589),

Gene: Adriana_71 Start: 58383, Stop: 59081, Start Num: 40
Candidate Starts for Adriana_71:
(Start: 40 @58383 has 297 MA's), (54, 58473), (56, 58482), (57, 58488), (60, 58524), (61, 58530), (64, 58545), (70, 58599), (71, 58602), (75, 58623), (78, 58638), (80, 58659), (92, 58749), (97, 58797),

Gene: Aelin_69 Start: 57368, Stop: 58066, Start Num: 40
Candidate Starts for Aelin_69:
(Start: 40 @57368 has 297 MA's), (54, 57458), (56, 57467), (60, 57509), (61, 57515), (64, 57530), (70, 57584), (71, 57587), (75, 57608), (78, 57623), (80, 57644), (92, 57734), (97, 57782),

Gene: Ahwei_65 Start: 58476, Stop: 59063, Start Num: 42
Candidate Starts for Ahwei_65:
(1, 58071), (4, 58113), (10, 58197), (11, 58215), (17, 58245), (23, 58341), (24, 58350), (Start: 42 @58476 has 28 MA's), (54, 58542), (55, 58545), (59, 58581), (67, 58632), (71, 58671), (72, 58674), (80, 58728), (81, 58731), (95, 58839), (99, 58902), (105, 59004),

Gene: AlanGrant_71 Start: 60795, Stop: 61415, Start Num: 38
Candidate Starts for AlanGrant_71:
(5, 60447), (14, 60546), (15, 60552), (19, 60591), (Start: 38 @60795 has 2 MA's), (55, 60891), (59, 60927), (60, 60939), (62, 60951), (71, 61017), (72, 61020), (80, 61074), (81, 61077), (85, 61107), (95, 61185), (99, 61248), (105, 61350),

Gene: Aleia_69 Start: 57478, Stop: 58188, Start Num: 40
Candidate Starts for Aleia_69:
(Start: 40 @57478 has 297 MA's), (54, 57568), (56, 57577), (57, 57583), (60, 57619), (61, 57625), (64, 57640), (70, 57694), (71, 57697), (75, 57718), (78, 57733), (80, 57754), (92, 57844), (97, 57892),

Gene: Allegro_66 Start: 56167, Stop: 56817, Start Num: 43
Candidate Starts for Allegro_66:
(6, 55813), (7, 55837), (10, 55876), (31, 56107), (Start: 43 @56167 has 34 MA's), (Start: 45 @56173 has 3 MA's), (50, 56218), (53, 56245), (58, 56275), (65, 56335), (69, 56359), (75, 56401), (76, 56407), (77, 56413), (80, 56437), (92, 56527), (103, 56683),

Gene: AltPhacts_68 Start: 56900, Stop: 57595, Start Num: 40
Candidate Starts for AltPhacts_68:
(Start: 40 @56900 has 297 MA's), (54, 56990), (56, 56999), (57, 57005), (60, 57041), (61, 57047), (64, 57062), (70, 57116), (71, 57119), (75, 57140), (78, 57155), (80, 57176), (92, 57266), (97, 57314), (111, 57494),

Gene: Altwerkus_69 Start: 57155, Stop: 57862, Start Num: 40
Candidate Starts for Altwerkus_69:
(Start: 40 @57155 has 297 MA's), (54, 57245), (56, 57254), (57, 57260), (60, 57296), (61, 57302), (64, 57317), (70, 57371), (71, 57374), (75, 57395), (78, 57410), (80, 57431), (92, 57521), (97, 57569),

Gene: Anderson_72 Start: 57727, Stop: 58422, Start Num: 40
Candidate Starts for Anderson_72:
(Start: 40 @57727 has 297 MA's), (54, 57817), (56, 57826), (57, 57832), (60, 57868), (61, 57874), (64, 57889), (70, 57943), (71, 57946), (75, 57967), (78, 57982), (80, 58003), (92, 58093), (97, 58141),

Gene: Andre_72 Start: 57733, Stop: 58440, Start Num: 40
Candidate Starts for Andre_72:

(Start: 40 @57733 has 297 MA's), (54, 57823), (56, 57832), (57, 57838), (60, 57874), (61, 57880), (64, 57895), (70, 57949), (71, 57952), (75, 57973), (78, 57988), (80, 58009), (92, 58099), (97, 58147),

Gene: AngelCake_69 Start: 57470, Stop: 58165, Start Num: 40
Candidate Starts for AngelCake_69:
(Start: 40 @57470 has 297 MA's), (54, 57560), (56, 57569), (57, 57575), (60, 57611), (61, 57617), (64, 57632), (70, 57686), (71, 57689), (75, 57710), (78, 57725), (80, 57746), (92, 57836), (97, 57884),

Gene: Antihero_65 Start: 58474, Stop: 59061, Start Num: 42
Candidate Starts for Antihero_65:
(1, 58069), (4, 58111), (10, 58195), (11, 58213), (17, 58243), (23, 58339), (24, 58348), (Start: 42 @58474 has 28 MA's), (54, 58540), (55, 58543), (59, 58579), (67, 58630), (71, 58669), (72, 58672), (80, 58726), (81, 58729), (95, 58837), (99, 58900), (105, 59002),

Gene: Antonia_69 Start: 57367, Stop: 58065, Start Num: 40
Candidate Starts for Antonia_69:
(Start: 40 @57367 has 297 MA's), (54, 57457), (56, 57466), (60, 57508), (61, 57514), (64, 57529), (70, 57583), (71, 57586), (75, 57607), (78, 57622), (80, 57643), (92, 57733), (97, 57781),

Gene: Aonishiki_71 Start: 57647, Stop: 58354, Start Num: 40
Candidate Starts for Aonishiki_71:
(Start: 40 @57647 has 297 MA's), (54, 57737), (56, 57746), (60, 57788), (61, 57794), (64, 57809), (70, 57863), (71, 57866), (75, 57887), (78, 57902), (80, 57923), (92, 58013),

Gene: Apex_68 Start: 59579, Stop: 60166, Start Num: 42
Candidate Starts for Apex_68:
(23, 59444), (24, 59453), (Start: 42 @59579 has 28 MA's), (49, 59609), (54, 59645), (55, 59648), (59, 59684), (67, 59735), (71, 59774), (72, 59777), (80, 59831), (81, 59834), (86, 59867), (87, 59876), (95, 59942), (99, 60005), (105, 60107),

Gene: Apizium_69 Start: 56999, Stop: 57709, Start Num: 40
Candidate Starts for Apizium_69:
(Start: 40 @56999 has 297 MA's), (54, 57089), (56, 57098), (57, 57104), (60, 57140), (61, 57146), (64, 57161), (70, 57215), (71, 57218), (75, 57239), (78, 57254), (80, 57275), (92, 57365), (97, 57413),

Gene: Arbiter_64 Start: 56199, Stop: 56852, Start Num: 43
Candidate Starts for Arbiter_64:
(6, 55845), (7, 55869), (10, 55908), (31, 56139), (Start: 43 @56199 has 34 MA's), (Start: 45 @56205 has 3 MA's), (50, 56253), (53, 56280), (58, 56310), (65, 56370), (69, 56394), (75, 56436), (76, 56442), (77, 56448), (80, 56472), (92, 56562), (103, 56718),

Gene: Ares_66 Start: 56170, Stop: 56823, Start Num: 43
Candidate Starts for Ares_66:
(6, 55816), (7, 55840), (10, 55879), (31, 56110), (Start: 43 @56170 has 34 MA's), (Start: 45 @56176 has 3 MA's), (50, 56224), (53, 56251), (58, 56281), (65, 56341), (69, 56365), (75, 56407), (76, 56413), (77, 56419), (80, 56443), (92, 56533), (103, 56689),

Gene: Ashraf_71 Start: 57709, Stop: 58416, Start Num: 40
Candidate Starts for Ashraf_71:
(Start: 40 @57709 has 297 MA's), (54, 57799), (56, 57808), (57, 57814), (60, 57850), (61, 57856), (64, 57871), (70, 57925), (71, 57928), (75, 57949), (78, 57964), (80, 57985), (92, 58075), (97, 58123),

Gene: Austelle_67 Start: 60096, Stop: 60683, Start Num: 42

Candidate Starts for Austelle_67:
(Start: 42 @60096 has 28 MA's), (49, 60126), (54, 60162), (55, 60165), (59, 60201), (67, 60252), (71, 60291), (72, 60294), (80, 60348), (81, 60351), (86, 60384), (87, 60393), (88, 60414), (95, 60459), (99, 60522),

Gene: Azuria_68 Start: 57596, Stop: 58294, Start Num: 40
Candidate Starts for Azuria_68:
(Start: 40 @57596 has 297 MA's), (54, 57686), (56, 57695), (60, 57737), (61, 57743), (64, 57758), (70, 57812), (71, 57815), (75, 57836), (78, 57851), (80, 57872), (92, 57962), (97, 58010),

Gene: Badfish_71 Start: 58013, Stop: 58720, Start Num: 40
Candidate Starts for Badfish_71:
(Start: 40 @58013 has 297 MA's), (54, 58103), (56, 58112), (57, 58118), (60, 58154), (61, 58160), (64, 58175), (70, 58229), (71, 58232), (75, 58253), (78, 58268), (80, 58289), (92, 58379), (97, 58427),

Gene: Baee_71 Start: 60200, Stop: 60841, Start Num: 47
Candidate Starts for Baee_71:
(37, 60167), (Start: 47 @60200 has 12 MA's), (49, 60230), (61, 60323), (73, 60404), (74, 60410), (77, 60428), (80, 60452), (81, 60455), (89, 60524), (90, 60536), (93, 60545), (95, 60563), (100, 60671), (109, 60737),

Gene: Bananafish_67 Start: 56100, Stop: 56753, Start Num: 43
Candidate Starts for Bananafish_67:
(6, 55746), (7, 55770), (10, 55809), (31, 56040), (Start: 43 @56100 has 34 MA's), (Start: 45 @56106 has 3 MA's), (50, 56154), (53, 56181), (58, 56211), (65, 56271), (69, 56295), (75, 56337), (76, 56343), (77, 56349), (80, 56373), (92, 56463), (103, 56619),

Gene: Banjo_68 Start: 57312, Stop: 58007, Start Num: 40
Candidate Starts for Banjo_68:
(Start: 40 @57312 has 297 MA's), (54, 57402), (56, 57411), (57, 57417), (60, 57453), (61, 57459), (64, 57474), (70, 57528), (71, 57531), (75, 57552), (78, 57567), (80, 57588), (92, 57678), (97, 57726), (111, 57906),

Gene: Basato_69 Start: 57588, Stop: 58292, Start Num: 40
Candidate Starts for Basato_69:
(Start: 40 @57588 has 297 MA's), (54, 57678), (56, 57687), (57, 57693), (60, 57729), (61, 57735), (64, 57750), (70, 57804), (71, 57807), (75, 57828), (78, 57843), (80, 57864), (92, 57954), (97, 58002), (111, 58182),

Gene: BatteryCK_68 Start: 57282, Stop: 57980, Start Num: 40
Candidate Starts for BatteryCK_68:
(Start: 40 @57282 has 297 MA's), (54, 57372), (56, 57381), (57, 57387), (60, 57423), (61, 57429), (64, 57444), (70, 57498), (71, 57501), (75, 57522), (78, 57537), (80, 57558), (92, 57648), (97, 57696),

Gene: Beaglebox_68 Start: 57423, Stop: 58118, Start Num: 40
Candidate Starts for Beaglebox_68:
(Start: 40 @57423 has 297 MA's), (54, 57513), (56, 57522), (57, 57528), (60, 57564), (61, 57570), (64, 57585), (70, 57639), (71, 57642), (75, 57663), (78, 57678), (80, 57699), (92, 57789), (97, 57837), (111, 58017),

Gene: BirdsNest_78 Start: 59998, Stop: 60927, Start Num: 34
Candidate Starts for BirdsNest_78:

(Start: 34 @59998 has 3 MA's), (54, 60094), (62, 60157), (69, 60202), (77, 60256), (79, 60271), (80, 60280), (81, 60283), (92, 60370), (113, 60643),

Gene: Bishoperium_70 Start: 57867, Stop: 58562, Start Num: 40
Candidate Starts for Bishoperium_70:
(Start: 40 @57867 has 297 MA's), (54, 57957), (56, 57966), (57, 57972), (60, 58008), (61, 58014), (64, 58029), (70, 58083), (71, 58086), (75, 58107), (78, 58122), (80, 58143), (92, 58233), (97, 58281), (111, 58461),

Gene: BlackStallion_71 Start: 57756, Stop: 58454, Start Num: 40
Candidate Starts for BlackStallion_71:
(Start: 40 @57756 has 297 MA's), (54, 57846), (56, 57855), (60, 57897), (61, 57903), (64, 57918), (70, 57972), (71, 57975), (75, 57996), (78, 58011), (80, 58032), (92, 58122), (97, 58170), (108, 58323),

Gene: BlacksBerry_71 Start: 57230, Stop: 57937, Start Num: 40
Candidate Starts for BlacksBerry_71:
(Start: 40 @57230 has 297 MA's), (54, 57320), (56, 57329), (57, 57335), (60, 57371), (61, 57377), (64, 57392), (70, 57446), (71, 57449), (75, 57470), (78, 57485), (80, 57506), (92, 57596), (97, 57644),

Gene: Blocker23_66 Start: 56167, Stop: 56817, Start Num: 43
Candidate Starts for Blocker23_66:
(6, 55813), (7, 55837), (10, 55876), (31, 56107), (Start: 43 @56167 has 34 MA's), (Start: 45 @56173 has 3 MA's), (50, 56218), (53, 56245), (58, 56275), (65, 56335), (69, 56359), (75, 56401), (76, 56407), (77, 56413), (80, 56437), (92, 56527), (103, 56683),

Gene: BlueHusk_71 Start: 57368, Stop: 58063, Start Num: 40
Candidate Starts for BlueHusk_71:
(Start: 40 @57368 has 297 MA's), (54, 57458), (56, 57467), (60, 57509), (61, 57515), (64, 57530), (70, 57584), (71, 57587), (75, 57608), (78, 57623), (80, 57644), (92, 57734), (97, 57782), (111, 57962),

Gene: Bluephacebaby_69 Start: 57900, Stop: 58595, Start Num: 40
Candidate Starts for Bluephacebaby_69:
(Start: 40 @57900 has 297 MA's), (54, 57990), (56, 57999), (57, 58005), (60, 58041), (61, 58047), (64, 58062), (70, 58116), (71, 58119), (75, 58140), (78, 58155), (80, 58176), (92, 58266), (97, 58314), (111, 58494),

Gene: BobbyK_68 Start: 59356, Stop: 59943, Start Num: 42
Candidate Starts for BobbyK_68:
(1, 58951), (3, 58984), (10, 59077), (11, 59095), (17, 59125), (18, 59128), (23, 59221), (24, 59230), (Start: 42 @59356 has 28 MA's), (49, 59386), (54, 59422), (55, 59425), (59, 59461), (67, 59512), (71, 59551), (72, 59554), (80, 59608), (81, 59611), (95, 59719), (98, 59767), (99, 59782), (105, 59884),

Gene: Boehler_69 Start: 57515, Stop: 58222, Start Num: 40
Candidate Starts for Boehler_69:
(Start: 40 @57515 has 297 MA's), (54, 57605), (56, 57614), (57, 57620), (60, 57656), (61, 57662), (64, 57677), (70, 57731), (71, 57734), (75, 57755), (78, 57770), (80, 57791), (92, 57881), (97, 57929),

Gene: BoogieWoogie_72 Start: 57333, Stop: 58028, Start Num: 40
Candidate Starts for BoogieWoogie_72:
(Start: 40 @57333 has 297 MA's), (54, 57423), (56, 57432), (57, 57438), (60, 57474), (61, 57480), (64, 57495), (70, 57549), (71, 57552), (75, 57573), (78, 57588), (80, 57609), (92, 57699), (97, 57747), (111, 57927),

Gene: Boyle_66 Start: 56214, Stop: 56861, Start Num: 45
Candidate Starts for Boyle_66:
(6, 55854), (7, 55878), (10, 55917), (31, 56148), (Start: 43 @56208 has 34 MA's), (Start: 45 @56214 has 3 MA's), (50, 56262), (53, 56289), (58, 56319), (65, 56379), (69, 56403), (75, 56445), (76, 56451), (77, 56457), (80, 56481), (92, 56571), (103, 56727),

Gene: Brilliant_73 Start: 57866, Stop: 58573, Start Num: 40
Candidate Starts for Brilliant_73:
(Start: 40 @57866 has 297 MA's), (54, 57956), (56, 57965), (57, 57971), (60, 58007), (61, 58013), (64, 58028), (70, 58082), (71, 58085), (75, 58106), (78, 58121), (80, 58142), (92, 58232), (97, 58280),

Gene: Brownie5_66 Start: 56210, Stop: 56863, Start Num: 43
Candidate Starts for Brownie5_66:
(6, 55856), (7, 55880), (10, 55919), (31, 56150), (Start: 43 @56210 has 34 MA's), (Start: 45 @56216 has 3 MA's), (50, 56264), (53, 56291), (58, 56321), (65, 56381), (69, 56405), (75, 56447), (76, 56453), (77, 56459), (80, 56483), (92, 56573), (103, 56729),

Gene: Buckeye_70 Start: 58402, Stop: 59109, Start Num: 40
Candidate Starts for Buckeye_70:
(Start: 40 @58402 has 297 MA's), (54, 58492), (56, 58501), (57, 58507), (60, 58543), (61, 58549), (64, 58564), (70, 58618), (71, 58621), (75, 58642), (78, 58657), (80, 58678), (92, 58768), (97, 58816),

Gene: Burr_70 Start: 57333, Stop: 58028, Start Num: 40
Candidate Starts for Burr_70:
(Start: 40 @57333 has 297 MA's), (54, 57423), (56, 57432), (57, 57438), (60, 57474), (61, 57480), (64, 57495), (70, 57549), (71, 57552), (75, 57573), (78, 57588), (80, 57609), (92, 57699), (97, 57747), (111, 57927),

Gene: CRB2_70 Start: 60958, Stop: 61668, Start Num: 39
Candidate Starts for CRB2_70:
(Start: 39 @60958 has 3 MA's), (Start: 42 @60970 has 28 MA's), (Start: 47 @60991 has 12 MA's), (49, 61012), (54, 61048), (55, 61051), (67, 61138), (72, 61180), (80, 61234), (81, 61237), (84, 61264), (95, 61345),

Gene: Calamitous_67 Start: 56104, Stop: 56751, Start Num: 45
Candidate Starts for Calamitous_67:
(6, 55744), (7, 55768), (10, 55807), (31, 56038), (Start: 43 @56098 has 34 MA's), (Start: 45 @56104 has 3 MA's), (50, 56152), (53, 56179), (58, 56209), (65, 56269), (69, 56293), (75, 56335), (76, 56341), (77, 56347), (80, 56371), (92, 56461), (103, 56617),

Gene: CamL_70 Start: 57635, Stop: 58330, Start Num: 40
Candidate Starts for CamL_70:
(Start: 40 @57635 has 297 MA's), (54, 57725), (56, 57734), (57, 57740), (60, 57776), (61, 57782), (64, 57797), (70, 57851), (71, 57854), (75, 57875), (78, 57890), (80, 57911), (92, 58001), (97, 58049), (111, 58229),

Gene: CampRoach_71 Start: 57742, Stop: 58440, Start Num: 40
Candidate Starts for CampRoach_71:
(Start: 40 @57742 has 297 MA's), (54, 57832), (56, 57841), (57, 57847), (60, 57883), (61, 57889), (64, 57904), (70, 57958), (71, 57961), (75, 57982), (78, 57997), (80, 58018), (92, 58108), (97, 58156),

Gene: Cannibal_71 Start: 57751, Stop: 58446, Start Num: 40
Candidate Starts for Cannibal_71:

(Start: 40 @57751 has 297 MA's), (54, 57841), (56, 57850), (57, 57856), (60, 57892), (61, 57898), (64, 57913), (70, 57967), (71, 57970), (75, 57991), (78, 58006), (80, 58027), (92, 58117), (97, 58165),

Gene: Carthage_70 Start: 57271, Stop: 57969, Start Num: 40
Candidate Starts for Carthage_70:
(Start: 40 @57271 has 297 MA's), (54, 57361), (56, 57370), (60, 57412), (61, 57418), (64, 57433), (70, 57487), (71, 57490), (75, 57511), (78, 57526), (80, 57547), (92, 57637), (97, 57685),

Gene: Caspiboi_69 Start: 57575, Stop: 58282, Start Num: 40
Candidate Starts for Caspiboi_69:
(Start: 40 @57575 has 297 MA's), (54, 57665), (56, 57674), (57, 57680), (60, 57716), (61, 57722), (64, 57737), (70, 57791), (71, 57794), (75, 57815), (78, 57830), (80, 57851), (92, 57941), (97, 57989),

Gene: Chaelin_71 Start: 57866, Stop: 58573, Start Num: 40
Candidate Starts for Chaelin_71:
(Start: 40 @57866 has 297 MA's), (54, 57956), (56, 57965), (57, 57971), (60, 58007), (61, 58013), (64, 58028), (70, 58082), (71, 58085), (75, 58106), (78, 58121), (80, 58142), (92, 58232), (97, 58280),

Gene: Chah_72 Start: 57454, Stop: 58161, Start Num: 40
Candidate Starts for Chah_72:
(Start: 40 @57454 has 297 MA's), (54, 57544), (56, 57553), (57, 57559), (60, 57595), (61, 57601), (64, 57616), (70, 57670), (71, 57673), (75, 57694), (78, 57709), (80, 57730), (92, 57820), (97, 57868),

Gene: Charles1_71 Start: 57641, Stop: 58348, Start Num: 40
Candidate Starts for Charles1_71:
(Start: 40 @57641 has 297 MA's), (54, 57731), (56, 57740), (60, 57782), (61, 57788), (64, 57803), (70, 57857), (71, 57860), (75, 57881), (78, 57896), (80, 57917), (92, 58007), (97, 58055),

Gene: CharlieGBrown_68 Start: 57257, Stop: 57955, Start Num: 40
Candidate Starts for CharlieGBrown_68:
(Start: 40 @57257 has 297 MA's), (54, 57347), (56, 57356), (57, 57362), (60, 57398), (61, 57404), (64, 57419), (70, 57473), (71, 57476), (75, 57497), (78, 57512), (80, 57533), (92, 57623), (97, 57671),

Gene: CheetO_69 Start: 57583, Stop: 58278, Start Num: 40
Candidate Starts for CheetO_69:
(Start: 40 @57583 has 297 MA's), (54, 57673), (56, 57682), (60, 57724), (61, 57730), (64, 57745), (70, 57799), (71, 57802), (75, 57823), (78, 57838), (80, 57859), (92, 57949), (97, 57997), (111, 58177),

Gene: Cher_70 Start: 57832, Stop: 58539, Start Num: 40
Candidate Starts for Cher_70:
(Start: 40 @57832 has 297 MA's), (54, 57922), (56, 57931), (57, 57937), (60, 57973), (61, 57979), (64, 57994), (70, 58048), (71, 58051), (75, 58072), (78, 58087), (80, 58108), (92, 58198), (97, 58246),

Gene: Childish_70 Start: 58030, Stop: 58737, Start Num: 40
Candidate Starts for Childish_70:
(Start: 40 @58030 has 297 MA's), (54, 58120), (56, 58129), (57, 58135), (60, 58171), (61, 58177), (64, 58192), (70, 58246), (71, 58249), (75, 58270), (78, 58285), (80, 58306), (92, 58396), (97, 58444), (111, 58624),

Gene: Chipette_70 Start: 57576, Stop: 58283, Start Num: 40
Candidate Starts for Chipette_70:
(Start: 40 @57576 has 297 MA's), (54, 57666), (56, 57675), (60, 57717), (61, 57723), (64, 57738), (70, 57792), (71, 57795), (75, 57816), (78, 57831), (80, 57852), (92, 57942), (97, 57990),

Gene: Chorkpop_71 Start: 57493, Stop: 58200, Start Num: 40
Candidate Starts for Chorkpop_71:
(Start: 40 @57493 has 297 MA's), (54, 57583), (56, 57592), (60, 57634), (61, 57640), (64, 57655), (70, 57709), (71, 57712), (75, 57733), (78, 57748), (80, 57769), (92, 57859), (97, 57907),

Gene: ChrisnMich_67 Start: 58458, Stop: 59045, Start Num: 42
Candidate Starts for ChrisnMich_67:
(23, 58323), (24, 58332), (Start: 42 @58458 has 28 MA's), (54, 58524), (55, 58527), (59, 58563), (67, 58614), (71, 58653), (72, 58656), (80, 58710), (81, 58713), (95, 58821), (99, 58884), (105, 58986),

Gene: Chuni_73 Start: 58094, Stop: 58789, Start Num: 40
Candidate Starts for Chuni_73:
(Start: 40 @58094 has 297 MA's), (54, 58184), (56, 58193), (57, 58199), (60, 58235), (61, 58241), (64, 58256), (70, 58310), (71, 58313), (75, 58334), (78, 58349), (80, 58370), (92, 58460), (97, 58508),

Gene: Chunky_70 Start: 57200, Stop: 57898, Start Num: 40
Candidate Starts for Chunky_70:
(Start: 40 @57200 has 297 MA's), (54, 57290), (56, 57299), (60, 57341), (61, 57347), (64, 57362), (70, 57416), (71, 57419), (75, 57440), (78, 57455), (80, 57476), (92, 57566), (97, 57614),

Gene: Chute_70 Start: 57894, Stop: 58592, Start Num: 40
Candidate Starts for Chute_70:
(Start: 40 @57894 has 297 MA's), (54, 57984), (56, 57993), (57, 57999), (60, 58035), (61, 58041), (64, 58056), (70, 58110), (71, 58113), (75, 58134), (78, 58149), (80, 58170), (92, 58260), (97, 58308),

Gene: Cobra_70 Start: 57863, Stop: 58570, Start Num: 40
Candidate Starts for Cobra_70:
(Start: 40 @57863 has 297 MA's), (54, 57953), (56, 57962), (57, 57968), (60, 58004), (61, 58010), (64, 58025), (70, 58079), (71, 58082), (75, 58103), (78, 58118), (80, 58139), (92, 58229), (97, 58277),

Gene: Coffee_66 Start: 56202, Stop: 56855, Start Num: 43
Candidate Starts for Coffee_66:
(6, 55848), (7, 55872), (10, 55911), (31, 56142), (Start: 43 @56202 has 34 MA's), (Start: 45 @56208 has 3 MA's), (50, 56256), (53, 56283), (58, 56313), (65, 56373), (69, 56397), (75, 56439), (76, 56445), (77, 56451), (80, 56475), (92, 56565), (103, 56721),

Gene: Colbert_68 Start: 56922, Stop: 57620, Start Num: 40
Candidate Starts for Colbert_68:
(Start: 40 @56922 has 297 MA's), (54, 57012), (56, 57021), (60, 57063), (61, 57069), (64, 57084), (70, 57138), (71, 57141), (75, 57162), (78, 57177), (80, 57198), (92, 57288),

Gene: Coletti_73 Start: 58394, Stop: 59092, Start Num: 40
Candidate Starts for Coletti_73:
(Start: 40 @58394 has 297 MA's), (54, 58484), (56, 58493), (57, 58499), (60, 58535), (61, 58541), (64, 58556), (70, 58610), (71, 58613), (75, 58634), (78, 58649), (80, 58670), (92, 58760), (97, 58808),

Gene: Cooper_69 Start: 59149, Stop: 59742, Start Num: 42
Candidate Starts for Cooper_69:
(Start: 42 @59149 has 28 MA's), (54, 59215), (55, 59218), (60, 59266), (67, 59305), (68, 59308), (71, 59344), (72, 59347), (80, 59401), (81, 59404), (95, 59512), (98, 59560), (99, 59575),

Gene: Cornbread_69 Start: 57532, Stop: 58230, Start Num: 40

Candidate Starts for Cornbread_69:
(Start: 40 @57532 has 297 MA's), (54, 57622), (56, 57631), (57, 57637), (60, 57673), (61, 57679), (64, 57694), (70, 57748), (71, 57751), (75, 57772), (78, 57787), (80, 57808), (92, 57898), (97, 57946),

Gene: Cornobble_68 Start: 57357, Stop: 58055, Start Num: 40
Candidate Starts for Cornobble_68:
(Start: 40 @57357 has 297 MA's), (54, 57447), (56, 57456), (60, 57498), (61, 57504), (64, 57519), (70, 57573), (71, 57576), (75, 57597), (78, 57612), (80, 57633), (92, 57723),

Gene: Cosmolli16_72 Start: 58211, Stop: 58915, Start Num: 40
Candidate Starts for Cosmolli16_72:
(Start: 40 @58211 has 297 MA's), (54, 58301), (56, 58310), (57, 58316), (60, 58352), (61, 58358), (64, 58373), (70, 58427), (71, 58430), (75, 58451), (78, 58466), (80, 58487), (92, 58577), (97, 58625), (111, 58805),

Gene: Craff_73 Start: 58266, Stop: 58961, Start Num: 40
Candidate Starts for Craff_73:
(Start: 40 @58266 has 297 MA's), (54, 58356), (56, 58365), (57, 58371), (60, 58407), (61, 58413), (64, 58428), (70, 58482), (71, 58485), (75, 58506), (78, 58521), (80, 58542), (92, 58632), (97, 58680), (111, 58860),

Gene: Crownjwl_68 Start: 57355, Stop: 58062, Start Num: 40
Candidate Starts for Crownjwl_68:
(Start: 40 @57355 has 297 MA's), (54, 57445), (56, 57454), (57, 57460), (60, 57496), (61, 57502), (64, 57517), (70, 57571), (71, 57574), (75, 57595), (78, 57610), (80, 57631), (92, 57721), (97, 57769),

Gene: DaddyDaniels_73 Start: 57987, Stop: 58682, Start Num: 40
Candidate Starts for DaddyDaniels_73:
(Start: 40 @57987 has 297 MA's), (54, 58077), (56, 58086), (57, 58092), (60, 58128), (61, 58134), (64, 58149), (70, 58203), (71, 58206), (75, 58227), (78, 58242), (80, 58263), (92, 58353), (97, 58401), (111, 58581),

Gene: Daffy_69 Start: 57478, Stop: 58185, Start Num: 40
Candidate Starts for Daffy_69:
(Start: 40 @57478 has 297 MA's), (54, 57568), (56, 57577), (60, 57619), (61, 57625), (64, 57640), (70, 57694), (71, 57697), (75, 57718), (78, 57733), (80, 57754), (92, 57844), (97, 57892),

Gene: Daka_72 Start: 57848, Stop: 58543, Start Num: 40
Candidate Starts for Daka_72:
(Start: 40 @57848 has 297 MA's), (54, 57938), (56, 57947), (60, 57989), (61, 57995), (64, 58010), (70, 58064), (71, 58067), (75, 58088), (78, 58103), (80, 58124), (92, 58214), (97, 58262), (111, 58442),

Gene: Dati_67 Start: 57648, Stop: 58355, Start Num: 40
Candidate Starts for Dati_67:
(Start: 40 @57648 has 297 MA's), (54, 57738), (56, 57747), (57, 57753), (60, 57789), (61, 57795), (64, 57810), (70, 57864), (71, 57867), (75, 57888), (78, 57903), (80, 57924), (92, 58014), (97, 58062),

Gene: DelRivs_68 Start: 57303, Stop: 58001, Start Num: 40
Candidate Starts for DelRivs_68:
(Start: 40 @57303 has 297 MA's), (54, 57393), (56, 57402), (57, 57408), (60, 57444), (61, 57450), (64, 57465), (70, 57519), (71, 57522), (75, 57543), (78, 57558), (80, 57579), (92, 57669), (97, 57717),

Gene: Derpp_70 Start: 57403, Stop: 58107, Start Num: 40

Candidate Starts for Derpp_70:
(Start: 40 @57403 has 297 MA's), (54, 57493), (56, 57502), (60, 57544), (61, 57550), (64, 57565), (70, 57619), (71, 57622), (75, 57643), (78, 57658), (80, 57679), (92, 57769), (97, 57817), (111, 57997),

Gene: Dice_69 Start: 57331, Stop: 58026, Start Num: 40
Candidate Starts for Dice_69:
(Start: 40 @57331 has 297 MA's), (54, 57421), (56, 57430), (57, 57436), (60, 57472), (61, 57478), (64, 57493), (70, 57547), (71, 57550), (75, 57571), (78, 57586), (80, 57607), (92, 57697), (97, 57745), (111, 57925),

Gene: DigitDog_71 Start: 59261, Stop: 59914, Start Num: 47
Candidate Starts for DigitDog_71:
(13, 59000), (26, 59147), (Start: 47 @59261 has 12 MA's), (61, 59384), (64, 59399), (74, 59471), (77, 59489), (80, 59513), (81, 59516), (82, 59528), (89, 59585), (90, 59597), (93, 59606), (95, 59624), (100, 59732),

Gene: Dingo_67 Start: 56876, Stop: 57583, Start Num: 40
Candidate Starts for Dingo_67:
(Start: 40 @56876 has 297 MA's), (54, 56966), (56, 56975), (60, 57017), (61, 57023), (64, 57038), (70, 57092), (71, 57095), (75, 57116), (78, 57131), (80, 57152), (92, 57242), (97, 57290), (111, 57470),

Gene: Dione_68 Start: 57065, Stop: 57760, Start Num: 40
Candidate Starts for Dione_68:
(Start: 40 @57065 has 297 MA's), (54, 57155), (56, 57164), (57, 57170), (60, 57206), (61, 57212), (64, 57227), (70, 57281), (71, 57284), (75, 57305), (78, 57320), (80, 57341), (92, 57431), (97, 57479), (111, 57659),

Gene: DirtJuice_70 Start: 57639, Stop: 58334, Start Num: 40
Candidate Starts for DirtJuice_70:
(Start: 40 @57639 has 297 MA's), (54, 57729), (56, 57738), (60, 57780), (61, 57786), (64, 57801), (70, 57855), (71, 57858), (75, 57879), (78, 57894), (80, 57915), (92, 58005), (97, 58053), (111, 58233),

Gene: Doddsville_68 Start: 57366, Stop: 58073, Start Num: 40
Candidate Starts for Doddsville_68:
(Start: 40 @57366 has 297 MA's), (54, 57456), (56, 57465), (57, 57471), (60, 57507), (61, 57513), (64, 57528), (70, 57582), (71, 57585), (75, 57606), (78, 57621), (80, 57642), (92, 57732), (97, 57780),

Gene: DoesntMatter_67 Start: 57355, Stop: 58050, Start Num: 40
Candidate Starts for DoesntMatter_67:
(Start: 40 @57355 has 297 MA's), (54, 57445), (56, 57454), (57, 57460), (60, 57496), (61, 57502), (64, 57517), (70, 57571), (71, 57574), (75, 57595), (78, 57610), (80, 57631), (92, 57721), (97, 57769), (111, 57949),

Gene: DolOn_74 Start: 58782, Stop: 59489, Start Num: 40
Candidate Starts for DolOn_74:
(Start: 40 @58782 has 297 MA's), (54, 58872), (56, 58881), (57, 58887), (60, 58923), (61, 58929), (64, 58944), (70, 58998), (71, 59001), (75, 59022), (78, 59037), (80, 59058), (92, 59148), (97, 59196),

Gene: DonSanchon_66 Start: 57001, Stop: 57708, Start Num: 40
Candidate Starts for DonSanchon_66:
(Start: 40 @57001 has 297 MA's), (54, 57091), (56, 57100), (57, 57106), (60, 57142), (61, 57148), (64, 57163), (70, 57217), (71, 57220), (75, 57241), (78, 57256), (80, 57277), (92, 57367), (97, 57415),

Gene: Donny_72 Start: 59155, Stop: 59805, Start Num: 47
Candidate Starts for Donny_72:
(26, 59041), (Start: 47 @59155 has 12 MA's), (61, 59278), (64, 59293), (65, 59305), (73, 59359), (74, 59365), (77, 59383), (80, 59407), (81, 59410), (89, 59479), (90, 59491), (93, 59500), (95, 59518), (100, 59626),

Gene: DuchessDung_69 Start: 56882, Stop: 57589, Start Num: 40
Candidate Starts for DuchessDung_69:
(Start: 40 @56882 has 297 MA's), (54, 56972), (56, 56981), (57, 56987), (60, 57023), (61, 57029), (64, 57044), (70, 57098), (71, 57101), (75, 57122), (78, 57137), (80, 57158), (92, 57248),

Gene: Duggie_70 Start: 57629, Stop: 58327, Start Num: 40
Candidate Starts for Duggie_70:
(Start: 40 @57629 has 297 MA's), (54, 57719), (56, 57728), (60, 57770), (61, 57776), (64, 57791), (70, 57845), (71, 57848), (75, 57869), (78, 57884), (80, 57905), (92, 57995), (97, 58043),

Gene: Durga_72 Start: 58109, Stop: 58816, Start Num: 40
Candidate Starts for Durga_72:
(Start: 40 @58109 has 297 MA's), (54, 58199), (56, 58208), (57, 58214), (60, 58250), (61, 58256), (64, 58271), (70, 58325), (71, 58328), (75, 58349), (78, 58364), (80, 58385), (92, 58475), (97, 58523),

Gene: Eaglehorse_66 Start: 56088, Stop: 56741, Start Num: 43
Candidate Starts for Eaglehorse_66:
(6, 55734), (7, 55758), (10, 55797), (31, 56028), (Start: 43 @56088 has 34 MA's), (Start: 45 @56094 has 3 MA's), (50, 56142), (53, 56169), (58, 56199), (65, 56259), (69, 56283), (75, 56325), (76, 56331), (77, 56337), (80, 56361), (92, 56451), (103, 56607),

Gene: EastView9101_70 Start: 58862, Stop: 59512, Start Num: 47
Candidate Starts for EastView9101_70:
(26, 58748), (Start: 47 @58862 has 12 MA's), (61, 58985), (64, 59000), (65, 59012), (73, 59066), (74, 59072), (77, 59090), (80, 59114), (81, 59117), (89, 59186), (90, 59198), (93, 59207), (95, 59225), (100, 59333),

Gene: ElvisPhasley_71 Start: 58509, Stop: 59207, Start Num: 40
Candidate Starts for ElvisPhasley_71:
(Start: 40 @58509 has 297 MA's), (54, 58599), (56, 58608), (60, 58650), (61, 58656), (64, 58671), (70, 58725), (71, 58728), (75, 58749), (78, 58764), (80, 58785), (92, 58875), (97, 58923),

Gene: EmGer13_70 Start: 57367, Stop: 58065, Start Num: 40
Candidate Starts for EmGer13_70:
(Start: 40 @57367 has 297 MA's), (54, 57457), (56, 57466), (60, 57508), (61, 57514), (64, 57529), (70, 57583), (71, 57586), (75, 57607), (78, 57622), (80, 57643), (92, 57733), (97, 57781),

Gene: Emiris_71 Start: 58018, Stop: 58725, Start Num: 40
Candidate Starts for Emiris_71:
(Start: 40 @58018 has 297 MA's), (54, 58108), (56, 58117), (57, 58123), (60, 58159), (61, 58165), (64, 58180), (70, 58234), (71, 58237), (75, 58258), (78, 58273), (80, 58294), (92, 58384),

Gene: EmpTee_69 Start: 57575, Stop: 58270, Start Num: 40
Candidate Starts for EmpTee_69:
(Start: 40 @57575 has 297 MA's), (54, 57665), (56, 57674), (57, 57680), (60, 57716), (61, 57722), (64, 57737), (70, 57791), (71, 57794), (75, 57815), (78, 57830), (80, 57851), (92, 57941), (97, 57989), (111, 58169),

Gene: Epah_65 Start: 58474, Stop: 59061, Start Num: 42
Candidate Starts for Epah_65:
(1, 58069), (4, 58111), (10, 58195), (11, 58213), (17, 58243), (23, 58339), (24, 58348), (Start: 42 @58474 has 28 MA's), (54, 58540), (55, 58543), (59, 58579), (67, 58630), (71, 58669), (72, 58672), (80, 58726), (81, 58729), (95, 58837), (99, 58900), (105, 59002),

Gene: Eremos_69 Start: 57540, Stop: 58247, Start Num: 40
Candidate Starts for Eremos_69:
(Start: 40 @57540 has 297 MA's), (54, 57630), (56, 57639), (57, 57645), (60, 57681), (61, 57687), (64, 57702), (70, 57756), (71, 57759), (75, 57780), (78, 57795), (80, 57816), (92, 57906), (97, 57954),

Gene: Etaye_69 Start: 58191, Stop: 58898, Start Num: 40
Candidate Starts for Etaye_69:
(Start: 40 @58191 has 297 MA's), (54, 58281), (56, 58290), (57, 58296), (60, 58332), (61, 58338), (64, 58353), (70, 58407), (71, 58410), (75, 58431), (78, 58446), (80, 58467), (92, 58557), (97, 58605),

Gene: Eugenia_71 Start: 58148, Stop: 58855, Start Num: 40
Candidate Starts for Eugenia_71:
(Start: 40 @58148 has 297 MA's), (54, 58238), (56, 58247), (57, 58253), (60, 58289), (61, 58295), (64, 58310), (70, 58364), (71, 58367), (75, 58388), (78, 58403), (80, 58424), (92, 58514), (97, 58562),

Gene: Fanaw_64 Start: 59510, Stop: 60097, Start Num: 42
Candidate Starts for Fanaw_64:
(23, 59375), (24, 59384), (Start: 42 @59510 has 28 MA's), (49, 59540), (54, 59576), (55, 59579), (59, 59615), (60, 59627), (67, 59666), (71, 59705), (72, 59708), (80, 59762), (81, 59765), (94, 59864), (95, 59873), (99, 59936), (105, 60038),

Gene: Fang_71 Start: 57851, Stop: 58558, Start Num: 40
Candidate Starts for Fang_71:
(Start: 40 @57851 has 297 MA's), (54, 57941), (56, 57950), (57, 57956), (60, 57992), (61, 57998), (64, 58013), (70, 58067), (71, 58070), (75, 58091), (78, 58106), (80, 58127), (92, 58217), (97, 58265),

Gene: Faze9_65 Start: 56233, Stop: 56880, Start Num: 45
Candidate Starts for Faze9_65:
(6, 55873), (7, 55897), (10, 55936), (31, 56167), (Start: 43 @56227 has 34 MA's), (Start: 45 @56233 has 3 MA's), (50, 56281), (53, 56308), (58, 56338), (65, 56398), (69, 56422), (75, 56464), (76, 56470), (77, 56476), (80, 56500), (92, 56590), (103, 56746),

Gene: Flake_69 Start: 57605, Stop: 58312, Start Num: 40
Candidate Starts for Flake_69:
(Start: 40 @57605 has 297 MA's), (54, 57695), (56, 57704), (60, 57746), (61, 57752), (64, 57767), (70, 57821), (71, 57824), (75, 57845), (78, 57860), (80, 57881), (92, 57971), (97, 58019),

Gene: FleetyMac_70 Start: 57546, Stop: 58241, Start Num: 40
Candidate Starts for FleetyMac_70:
(Start: 40 @57546 has 297 MA's), (54, 57636), (56, 57645), (57, 57651), (60, 57687), (61, 57693), (64, 57708), (70, 57762), (71, 57765), (75, 57786), (78, 57801), (80, 57822), (92, 57912), (97, 57960), (111, 58140),

Gene: FluffyNinja_71 Start: 57757, Stop: 58455, Start Num: 40
Candidate Starts for FluffyNinja_71:

(Start: 40 @57757 has 297 MA's), (54, 57847), (56, 57856), (60, 57898), (61, 57904), (64, 57919), (70, 57973), (71, 57976), (75, 57997), (78, 58012), (80, 58033), (92, 58123), (97, 58171), (108, 58324),

Gene: ForDig_67 Start: 58034, Stop: 58732, Start Num: 42
Candidate Starts for ForDig_67:
(Start: 42 @58034 has 28 MA's), (49, 58064), (54, 58100), (55, 58103), (60, 58151), (62, 58163), (65, 58184), (71, 58229), (72, 58232), (80, 58286), (81, 58289), (83, 58313), (92, 58376), (107, 58574),

Gene: Fortunato_68 Start: 59509, Stop: 60096, Start Num: 42
Candidate Starts for Fortunato_68:
(Start: 42 @59509 has 28 MA's), (49, 59539), (54, 59575), (55, 59578), (59, 59614), (67, 59665), (71, 59704), (72, 59707), (80, 59761), (81, 59764), (86, 59797), (87, 59806), (94, 59863), (95, 59872), (99, 59935), (105, 60037),

Gene: Fozzie_68 Start: 57856, Stop: 58563, Start Num: 40
Candidate Starts for Fozzie_68:
(Start: 40 @57856 has 297 MA's), (54, 57946), (56, 57955), (57, 57961), (60, 57997), (61, 58003), (64, 58018), (70, 58072), (71, 58075), (75, 58096), (78, 58111), (80, 58132), (92, 58222), (97, 58270),

Gene: Frankicide_69 Start: 57539, Stop: 58237, Start Num: 40
Candidate Starts for Frankicide_69:
(Start: 40 @57539 has 297 MA's), (54, 57629), (56, 57638), (60, 57680), (61, 57686), (64, 57701), (70, 57755), (71, 57758), (75, 57779), (78, 57794), (80, 57815), (92, 57905), (97, 57953), (111, 58133),

Gene: Frederick_69 Start: 59456, Stop: 60043, Start Num: 42
Candidate Starts for Frederick_69:
(1, 59051), (3, 59084), (10, 59177), (11, 59195), (17, 59225), (18, 59228), (23, 59321), (24, 59330), (Start: 42 @59456 has 28 MA's), (54, 59522), (55, 59525), (59, 59561), (67, 59612), (71, 59651), (72, 59654), (80, 59708), (81, 59711), (95, 59819), (98, 59867), (99, 59882), (105, 59984),

Gene: FremontTroll_70 Start: 57960, Stop: 58655, Start Num: 40
Candidate Starts for FremontTroll_70:
(Start: 40 @57960 has 297 MA's), (54, 58050), (56, 58059), (57, 58065), (60, 58101), (61, 58107), (64, 58122), (70, 58176), (71, 58179), (75, 58200), (78, 58215), (80, 58236), (92, 58326), (97, 58374), (111, 58554),

Gene: FrenchFry_67 Start: 56213, Stop: 56866, Start Num: 43
Candidate Starts for FrenchFry_67:
(6, 55859), (7, 55883), (10, 55922), (31, 56153), (Start: 43 @56213 has 34 MA's), (Start: 45 @56219 has 3 MA's), (50, 56267), (53, 56294), (58, 56324), (65, 56384), (69, 56408), (75, 56450), (76, 56456), (77, 56462), (80, 56486), (92, 56576), (103, 56732),

Gene: Freya_67 Start: 57025, Stop: 57729, Start Num: 40
Candidate Starts for Freya_67:
(Start: 40 @57025 has 297 MA's), (54, 57115), (56, 57124), (57, 57130), (60, 57166), (61, 57172), (64, 57187), (70, 57241), (71, 57244), (75, 57265), (78, 57280), (80, 57301), (92, 57391), (97, 57439), (111, 57619),

Gene: FriarPreacher_68 Start: 57402, Stop: 58097, Start Num: 40
Candidate Starts for FriarPreacher_68:
(Start: 40 @57402 has 297 MA's), (54, 57492), (56, 57501), (57, 57507), (60, 57543), (61, 57549), (64, 57564), (70, 57618), (71, 57621), (75, 57642), (78, 57657), (80, 57678), (92, 57768), (97, 57816), (111, 57996),

Gene: Fringe_74 Start: 58200, Stop: 58907, Start Num: 40
Candidate Starts for Fringe_74:
(Start: 40 @58200 has 297 MA's), (54, 58290), (56, 58299), (57, 58305), (60, 58341), (61, 58347), (64, 58362), (70, 58416), (71, 58419), (75, 58440), (78, 58455), (80, 58476), (92, 58566), (97, 58614), (108, 58767),

Gene: FugateOSU_70 Start: 58355, Stop: 59053, Start Num: 40
Candidate Starts for FugateOSU_70:
(Start: 40 @58355 has 297 MA's), (54, 58445), (56, 58454), (57, 58460), (60, 58496), (61, 58502), (64, 58517), (70, 58571), (71, 58574), (75, 58595), (78, 58610), (80, 58631), (92, 58721), (97, 58769),

Gene: Gareth_70 Start: 57851, Stop: 58558, Start Num: 40
Candidate Starts for Gareth_70:
(Start: 40 @57851 has 297 MA's), (54, 57941), (56, 57950), (57, 57956), (60, 57992), (61, 57998), (64, 58013), (70, 58067), (71, 58070), (75, 58091), (78, 58106), (80, 58127), (92, 58217), (97, 58265),

Gene: GeneCoco_71 Start: 58025, Stop: 58723, Start Num: 40
Candidate Starts for GeneCoco_71:
(Start: 40 @58025 has 297 MA's), (54, 58115), (56, 58124), (57, 58130), (60, 58166), (61, 58172), (64, 58187), (70, 58241), (71, 58244), (75, 58265), (78, 58280), (80, 58301), (92, 58391), (97, 58439),

Gene: GinPorsche_67 Start: 58474, Stop: 59061, Start Num: 42
Candidate Starts for GinPorsche_67:
(1, 58069), (4, 58111), (10, 58195), (11, 58213), (17, 58243), (23, 58339), (24, 58348), (Start: 42 @58474 has 28 MA's), (54, 58540), (55, 58543), (59, 58579), (67, 58630), (71, 58669), (72, 58672), (80, 58726), (81, 58729), (95, 58837), (99, 58900), (105, 59002),

Gene: Giraffe_70 Start: 57846, Stop: 58553, Start Num: 40
Candidate Starts for Giraffe_70:
(Start: 40 @57846 has 297 MA's), (54, 57936), (56, 57945), (57, 57951), (60, 57987), (61, 57993), (64, 58008), (70, 58062), (71, 58065), (75, 58086), (78, 58101), (80, 58122), (92, 58212), (97, 58260),

Gene: Glass_67 Start: 56215, Stop: 56868, Start Num: 43
Candidate Starts for Glass_67:
(6, 55861), (7, 55885), (10, 55924), (31, 56155), (Start: 43 @56215 has 34 MA's), (Start: 45 @56221 has 3 MA's), (50, 56269), (53, 56296), (58, 56326), (65, 56386), (69, 56410), (75, 56452), (76, 56458), (77, 56464), (80, 56488), (92, 56578), (103, 56734),

Gene: Godines_67 Start: 56471, Stop: 57118, Start Num: 43
Candidate Starts for Godines_67:
(6, 56117), (7, 56141), (8, 56159), (10, 56180), (31, 56411), (Start: 43 @56471 has 34 MA's), (Start: 45 @56477 has 3 MA's), (50, 56519), (53, 56546), (58, 56576), (63, 56621), (65, 56636), (69, 56660), (75, 56702), (76, 56708), (77, 56714), (80, 56738), (92, 56828), (103, 56984),

Gene: Gophee_71 Start: 57858, Stop: 58553, Start Num: 40
Candidate Starts for Gophee_71:
(Start: 40 @57858 has 297 MA's), (54, 57948), (56, 57957), (60, 57999), (61, 58005), (64, 58020), (70, 58074), (71, 58077), (75, 58098), (78, 58113), (80, 58134), (92, 58224), (97, 58272), (111, 58452),

Gene: Grand2040_68 Start: 57824, Stop: 58531, Start Num: 40
Candidate Starts for Grand2040_68:

(Start: 40 @57824 has 297 MA's), (54, 57914), (56, 57923), (57, 57929), (60, 57965), (61, 57971), (64, 57986), (70, 58040), (71, 58043), (75, 58064), (78, 58079), (80, 58100), (92, 58190), (97, 58238),

Gene: GreenChile_69 Start: 57376, Stop: 58074, Start Num: 40
Candidate Starts for GreenChile_69:
(Start: 40 @57376 has 297 MA's), (54, 57466), (56, 57475), (60, 57517), (61, 57523), (64, 57538), (70, 57592), (71, 57595), (75, 57616), (78, 57631), (80, 57652), (92, 57742), (97, 57790),

Gene: Gwennie1_69 Start: 57707, Stop: 58414, Start Num: 40
Candidate Starts for Gwennie1_69:
(Start: 40 @57707 has 297 MA's), (54, 57797), (56, 57806), (57, 57812), (60, 57848), (61, 57854), (64, 57869), (70, 57923), (71, 57926), (75, 57947), (78, 57962), (80, 57983), (92, 58073), (97, 58121),

Gene: Gwilliam_71 Start: 58215, Stop: 58922, Start Num: 40
Candidate Starts for Gwilliam_71:
(Start: 40 @58215 has 297 MA's), (54, 58305), (56, 58314), (57, 58320), (60, 58356), (61, 58362), (64, 58377), (70, 58431), (71, 58434), (75, 58455), (78, 58470), (80, 58491), (92, 58581), (97, 58629),

Gene: Gyarad_0069 Start: 57171, Stop: 57878, Start Num: 40
Candidate Starts for Gyarad_0069:
(Start: 40 @57171 has 297 MA's), (54, 57261), (56, 57270), (57, 57276), (60, 57312), (61, 57318), (64, 57333), (70, 57387), (71, 57390), (75, 57411), (78, 57426), (80, 57447), (92, 57537), (97, 57585),

Gene: HSavage_68 Start: 57373, Stop: 58068, Start Num: 40
Candidate Starts for HSavage_68:
(Start: 40 @57373 has 297 MA's), (54, 57463), (56, 57472), (60, 57514), (61, 57520), (64, 57535), (70, 57589), (71, 57592), (75, 57613), (78, 57628), (80, 57649), (92, 57739), (97, 57787), (111, 57967),

Gene: Haimas_68 Start: 57302, Stop: 58009, Start Num: 40
Candidate Starts for Haimas_68:
(Start: 40 @57302 has 297 MA's), (54, 57392), (56, 57401), (57, 57407), (60, 57443), (61, 57449), (64, 57464), (70, 57518), (71, 57521), (75, 57542), (78, 57557), (80, 57578), (92, 57668), (97, 57716),

Gene: Haleema_69 Start: 57392, Stop: 58099, Start Num: 40
Candidate Starts for Haleema_69:
(Start: 40 @57392 has 297 MA's), (54, 57482), (56, 57491), (57, 57497), (60, 57533), (61, 57539), (64, 57554), (70, 57608), (71, 57611), (75, 57632), (78, 57647), (80, 57668), (92, 57758), (97, 57806),

Gene: Hally898_65 Start: 58489, Stop: 59076, Start Num: 42
Candidate Starts for Hally898_65:
(1, 58084), (4, 58126), (10, 58210), (11, 58228), (17, 58258), (23, 58354), (24, 58363), (Start: 42 @58489 has 28 MA's), (54, 58555), (55, 58558), (59, 58594), (67, 58645), (71, 58684), (72, 58687), (80, 58741), (81, 58744), (95, 58852), (99, 58915), (105, 59017),

Gene: Hamish_67 Start: 57408, Stop: 58106, Start Num: 40
Candidate Starts for Hamish_67:
(Start: 40 @57408 has 297 MA's), (54, 57498), (56, 57507), (60, 57549), (61, 57555), (64, 57570), (70, 57624), (71, 57627), (75, 57648), (78, 57663), (80, 57684), (92, 57774), (97, 57822),

Gene: Hangman_68 Start: 59655, Stop: 60242, Start Num: 42
Candidate Starts for Hangman_68:
(23, 59520), (24, 59529), (25, 59541), (Start: 42 @59655 has 28 MA's), (49, 59685), (54, 59721), (55, 59724), (59, 59760), (67, 59811), (71, 59850), (72, 59853), (80, 59907), (81, 59910), (86, 59943), (87,

59952), (94, 60009), (95, 60018), (99, 60081), (105, 60183),

Gene: Happabalu_68 Start: 58494, Stop: 59201, Start Num: 40
Candidate Starts for Happabalu_68:
(Start: 40 @58494 has 297 MA's), (54, 58584), (56, 58593), (57, 58599), (60, 58635), (61, 58641), (64, 58656), (70, 58710), (71, 58713), (75, 58734), (78, 58749), (80, 58770), (92, 58860), (97, 58908),

Gene: Hartsy_69 Start: 57504, Stop: 58211, Start Num: 40
Candidate Starts for Hartsy_69:
(Start: 40 @57504 has 297 MA's), (54, 57594), (56, 57603), (57, 57609), (60, 57645), (61, 57651), (64, 57666), (70, 57720), (71, 57723), (75, 57744), (78, 57759), (80, 57780), (92, 57870), (97, 57918),

Gene: Harvey_67 Start: 57331, Stop: 58038, Start Num: 40
Candidate Starts for Harvey_67:
(Start: 40 @57331 has 297 MA's), (54, 57421), (56, 57430), (57, 57436), (60, 57472), (61, 57478), (64, 57493), (70, 57547), (71, 57550), (75, 57571), (78, 57586), (80, 57607), (92, 57697), (97, 57745),

Gene: Hashim76_76 Start: 59865, Stop: 60794, Start Num: 34
Candidate Starts for Hashim76_76:
(32, 59847), (33, 59859), (Start: 34 @59865 has 3 MA's), (54, 59970), (62, 60033), (83, 60183), (92, 60246), (113, 60528),

Gene: Heath_67 Start: 59282, Stop: 59869, Start Num: 42
Candidate Starts for Heath_67:
(23, 59147), (24, 59156), (25, 59168), (Start: 42 @59282 has 28 MA's), (49, 59312), (54, 59348), (55, 59351), (59, 59387), (67, 59438), (71, 59477), (72, 59480), (80, 59534), (81, 59537), (94, 59636), (95, 59645), (99, 59708), (105, 59810),

Gene: Hedgerow_66 Start: 56165, Stop: 56818, Start Num: 43
Candidate Starts for Hedgerow_66:
(7, 55835), (10, 55874), (31, 56105), (Start: 43 @56165 has 34 MA's), (Start: 45 @56171 has 3 MA's), (50, 56219), (53, 56246), (58, 56276), (65, 56336), (69, 56360), (75, 56402), (76, 56408), (77, 56414), (80, 56438), (92, 56528), (103, 56684),

Gene: Hekos_68 Start: 57208, Stop: 57903, Start Num: 40
Candidate Starts for Hekos_68:
(Start: 40 @57208 has 297 MA's), (54, 57298), (56, 57307), (60, 57349), (61, 57355), (64, 57370), (70, 57424), (71, 57427), (75, 57448), (78, 57463), (80, 57484), (92, 57574), (97, 57622),

Gene: Held_68 Start: 57305, Stop: 58012, Start Num: 40
Candidate Starts for Held_68:
(Start: 40 @57305 has 297 MA's), (54, 57395), (56, 57404), (57, 57410), (60, 57446), (61, 57452), (64, 57467), (70, 57521), (71, 57524), (75, 57545), (78, 57560), (80, 57581), (92, 57671), (97, 57719),

Gene: HenryJackson_71 Start: 58019, Stop: 58726, Start Num: 40
Candidate Starts for HenryJackson_71:
(Start: 40 @58019 has 297 MA's), (54, 58109), (56, 58118), (57, 58124), (60, 58160), (61, 58166), (64, 58181), (70, 58235), (71, 58238), (75, 58259), (78, 58274), (80, 58295), (92, 58385), (97, 58433),

Gene: Hertubise_70 Start: 57785, Stop: 58492, Start Num: 40
Candidate Starts for Hertubise_70:
(Start: 40 @57785 has 297 MA's), (54, 57875), (56, 57884), (57, 57890), (60, 57926), (61, 57932), (64, 57947), (70, 58001), (71, 58004), (75, 58025), (78, 58040), (80, 58061), (92, 58151), (97, 58199),

Gene: Hetaeria_70 Start: 57725, Stop: 58423, Start Num: 40
Candidate Starts for Hetaeria_70:
(Start: 40 @57725 has 297 MA's), (54, 57815), (56, 57824), (57, 57830), (60, 57866), (61, 57872), (64, 57887), (70, 57941), (71, 57944), (75, 57965), (78, 57980), (80, 58001), (92, 58091), (97, 58139),

Gene: HighStump_71 Start: 57808, Stop: 58515, Start Num: 40
Candidate Starts for HighStump_71:
(Start: 40 @57808 has 297 MA's), (54, 57898), (56, 57907), (57, 57913), (60, 57949), (61, 57955), (64, 57970), (70, 58024), (71, 58027), (75, 58048), (78, 58063), (80, 58084), (92, 58174), (97, 58222),

Gene: Hocus_68 Start: 57323, Stop: 58030, Start Num: 40
Candidate Starts for Hocus_68:
(Start: 40 @57323 has 297 MA's), (54, 57413), (56, 57422), (57, 57428), (60, 57464), (61, 57470), (64, 57485), (70, 57539), (71, 57542), (75, 57563), (78, 57578), (80, 57599), (92, 57689), (97, 57737),

Gene: HogWash_70 Start: 58196, Stop: 58903, Start Num: 40
Candidate Starts for HogWash_70:
(Start: 40 @58196 has 297 MA's), (54, 58286), (56, 58295), (57, 58301), (60, 58337), (61, 58343), (64, 58358), (70, 58412), (71, 58415), (75, 58436), (78, 58451), (80, 58472), (92, 58562), (97, 58610),

Gene: Holeinone_66 Start: 56073, Stop: 56723, Start Num: 43
Candidate Starts for Holeinone_66:
(6, 55719), (7, 55743), (10, 55782), (31, 56013), (Start: 43 @56073 has 34 MA's), (Start: 45 @56079 has 3 MA's), (50, 56124), (53, 56151), (58, 56181), (65, 56241), (69, 56265), (75, 56307), (76, 56313), (77, 56319), (80, 56343), (92, 56433), (103, 56589),

Gene: Horchata_67 Start: 57326, Stop: 58033, Start Num: 40
Candidate Starts for Horchata_67:
(Start: 40 @57326 has 297 MA's), (54, 57416), (56, 57425), (57, 57431), (60, 57467), (61, 57473), (64, 57488), (70, 57542), (71, 57545), (75, 57566), (78, 57581), (80, 57602), (92, 57692), (97, 57740),

Gene: Hosp_064 Start: 55830, Stop: 56528, Start Num: 42
Candidate Starts for Hosp_064:
(Start: 42 @55830 has 28 MA's), (49, 55860), (54, 55896), (55, 55899), (62, 55959), (65, 55980), (71, 56025), (72, 56028), (80, 56082), (81, 56085), (83, 56109), (92, 56172), (107, 56370),

Gene: Hydro_68 Start: 59593, Stop: 60180, Start Num: 42
Candidate Starts for Hydro_68:
(23, 59458), (24, 59467), (25, 59479), (Start: 42 @59593 has 28 MA's), (49, 59623), (54, 59659), (55, 59662), (59, 59698), (67, 59749), (71, 59788), (72, 59791), (80, 59845), (81, 59848), (86, 59881), (87, 59890), (94, 59947), (95, 59956), (99, 60019), (105, 60121),

Gene: ImtiyazSitla_71 Start: 57709, Stop: 58416, Start Num: 40
Candidate Starts for ImtiyazSitla_71:
(Start: 40 @57709 has 297 MA's), (54, 57799), (56, 57808), (57, 57814), (60, 57850), (61, 57856), (64, 57871), (70, 57925), (71, 57928), (75, 57949), (78, 57964), (80, 57985), (92, 58075), (97, 58123),

Gene: Inchworm_71 Start: 57702, Stop: 58397, Start Num: 40
Candidate Starts for Inchworm_71:
(Start: 40 @57702 has 297 MA's), (54, 57792), (56, 57801), (57, 57807), (60, 57843), (61, 57849), (64, 57864), (70, 57918), (71, 57921), (75, 57942), (78, 57957), (80, 57978), (92, 58068), (97, 58116),

Gene: Indlovu_68 Start: 59161, Stop: 59871, Start Num: 42
Candidate Starts for Indlovu_68:
(12, 58894), (21, 59002), (22, 59011), (Start: 42 @59161 has 28 MA's), (Start: 47 @59182 has 12 MA's), (55, 59242), (61, 59296), (64, 59311), (65, 59323), (68, 59332), (80, 59425), (81, 59428), (92, 59515), (94, 59527),

Gene: Inverness_68 Start: 57335, Stop: 58033, Start Num: 40
Candidate Starts for Inverness_68:
(Start: 40 @57335 has 297 MA's), (54, 57425), (56, 57434), (60, 57476), (61, 57482), (64, 57497), (70, 57551), (71, 57554), (75, 57575), (78, 57590), (80, 57611), (92, 57701), (97, 57749),

Gene: Iridessa_72 Start: 57444, Stop: 58142, Start Num: 40
Candidate Starts for Iridessa_72:
(Start: 40 @57444 has 297 MA's), (54, 57534), (56, 57543), (57, 57549), (60, 57585), (61, 57591), (64, 57606), (70, 57660), (71, 57663), (75, 57684), (78, 57699), (80, 57720), (92, 57810), (97, 57858),

Gene: Iridoclysis_69 Start: 57619, Stop: 58314, Start Num: 40
Candidate Starts for Iridoclysis_69:
(Start: 40 @57619 has 297 MA's), (54, 57709), (56, 57718), (57, 57724), (60, 57760), (61, 57766), (64, 57781), (70, 57835), (71, 57838), (75, 57859), (78, 57874), (80, 57895), (92, 57985), (97, 58033), (111, 58213),

Gene: IsaacEli_72 Start: 58008, Stop: 58706, Start Num: 40
Candidate Starts for IsaacEli_72:
(Start: 40 @58008 has 297 MA's), (54, 58098), (56, 58107), (57, 58113), (60, 58149), (61, 58155), (64, 58170), (70, 58224), (71, 58227), (75, 58248), (78, 58263), (80, 58284), (92, 58374),

Gene: ItsyBitsy1_65 Start: 56303, Stop: 56956, Start Num: 43
Candidate Starts for ItsyBitsy1_65:
(31, 56243), (Start: 43 @56303 has 34 MA's), (Start: 45 @56309 has 3 MA's), (50, 56357), (53, 56384), (58, 56414), (65, 56474), (69, 56498), (75, 56540), (76, 56546), (77, 56552), (80, 56576), (92, 56666), (103, 56822),

Gene: JAMaL_67 Start: 59483, Stop: 60070, Start Num: 42
Candidate Starts for JAMaL_67:
(1, 59078), (3, 59111), (10, 59204), (11, 59222), (17, 59252), (23, 59348), (24, 59357), (Start: 42 @59483 has 28 MA's), (54, 59549), (55, 59552), (59, 59588), (67, 59639), (71, 59678), (72, 59681), (80, 59735), (81, 59738), (95, 59846), (98, 59894), (99, 59909), (105, 60011),

Gene: JDog_69 Start: 57855, Stop: 58550, Start Num: 40
Candidate Starts for JDog_69:
(Start: 40 @57855 has 297 MA's), (54, 57945), (56, 57954), (57, 57960), (60, 57996), (61, 58002), (64, 58017), (70, 58071), (71, 58074), (75, 58095), (78, 58110), (80, 58131), (92, 58221), (97, 58269),

Gene: JacAttac_70 Start: 57329, Stop: 58024, Start Num: 40
Candidate Starts for JacAttac_70:
(Start: 40 @57329 has 297 MA's), (54, 57419), (56, 57428), (57, 57434), (60, 57470), (61, 57476), (64, 57491), (70, 57545), (71, 57548), (75, 57569), (78, 57584), (80, 57605), (92, 57695), (97, 57743), (111, 57923),

Gene: JaguarMi_68 Start: 60746, Stop: 61336, Start Num: 42
Candidate Starts for JaguarMi_68:

(23, 60611), (24, 60620), (Start: 42 @60746 has 28 MA's), (49, 60776), (54, 60812), (55, 60815), (59, 60851), (60, 60863), (67, 60902), (71, 60941), (72, 60944), (80, 60998), (81, 61001), (94, 61100), (95, 61109), (99, 61172), (105, 61274),

Gene: JakeO_71 Start: 57580, Stop: 58278, Start Num: 40
Candidate Starts for JakeO_71:
(Start: 40 @57580 has 297 MA's), (54, 57670), (56, 57679), (57, 57685), (60, 57721), (61, 57727), (64, 57742), (70, 57796), (71, 57799), (75, 57820), (78, 57835), (80, 57856), (92, 57946), (97, 57994),

Gene: JangoPhett_68 Start: 57670, Stop: 58365, Start Num: 40
Candidate Starts for JangoPhett_68:
(Start: 40 @57670 has 297 MA's), (54, 57760), (56, 57769), (57, 57775), (60, 57811), (61, 57817), (64, 57832), (70, 57886), (71, 57889), (75, 57910), (78, 57925), (80, 57946), (92, 58036), (97, 58084), (111, 58264),

Gene: Jbug01_69 Start: 57222, Stop: 57920, Start Num: 40
Candidate Starts for Jbug01_69:
(Start: 40 @57222 has 297 MA's), (54, 57312), (56, 57321), (57, 57327), (60, 57363), (61, 57369), (64, 57384), (70, 57438), (71, 57441), (75, 57462), (78, 57477), (80, 57498), (92, 57588), (97, 57636),

Gene: Jesabah_72 Start: 58435, Stop: 59130, Start Num: 40
Candidate Starts for Jesabah_72:
(Start: 40 @58435 has 297 MA's), (54, 58525), (56, 58534), (57, 58540), (60, 58576), (61, 58582), (64, 58597), (70, 58651), (71, 58654), (75, 58675), (78, 58690), (80, 58711), (92, 58801), (97, 58849),

Gene: Jillium_71 Start: 58014, Stop: 58721, Start Num: 40
Candidate Starts for Jillium_71:
(Start: 40 @58014 has 297 MA's), (54, 58104), (56, 58113), (57, 58119), (60, 58155), (61, 58161), (64, 58176), (70, 58230), (71, 58233), (75, 58254), (78, 58269), (80, 58290), (92, 58380), (97, 58428),

Gene: Jiminy_70 Start: 57416, Stop: 58114, Start Num: 40
Candidate Starts for Jiminy_70:
(Start: 40 @57416 has 297 MA's), (54, 57506), (56, 57515), (57, 57521), (60, 57557), (61, 57563), (64, 57578), (70, 57632), (71, 57635), (75, 57656), (78, 57671), (80, 57692), (92, 57782), (97, 57830),

Gene: Jiraiya_71 Start: 57612, Stop: 58310, Start Num: 40
Candidate Starts for Jiraiya_71:
(Start: 40 @57612 has 297 MA's), (54, 57702), (56, 57711), (60, 57753), (61, 57759), (64, 57774), (70, 57828), (71, 57831), (75, 57852), (78, 57867), (80, 57888), (92, 57978), (97, 58026),

Gene: Jolie1_066 Start: 57958, Stop: 58656, Start Num: 42
Candidate Starts for Jolie1_066:
(Start: 42 @57958 has 28 MA's), (49, 57988), (54, 58024), (55, 58027), (62, 58087), (65, 58108), (71, 58153), (72, 58156), (80, 58210), (81, 58213), (83, 58237), (92, 58300), (107, 58498),

Gene: JoyceMaria_68 Start: 59619, Stop: 60206, Start Num: 42
Candidate Starts for JoyceMaria_68:
(Start: 42 @59619 has 28 MA's), (49, 59649), (54, 59685), (55, 59688), (59, 59724), (67, 59775), (71, 59814), (72, 59817), (80, 59871), (81, 59874), (86, 59907), (87, 59916), (88, 59937), (95, 59982), (99, 60045),

Gene: KLucky39_68 Start: 57216, Stop: 57923, Start Num: 40
Candidate Starts for KLucky39_68:

(Start: 40 @57216 has 297 MA's), (54, 57306), (56, 57315), (60, 57357), (61, 57363), (64, 57378), (70, 57432), (71, 57435), (75, 57456), (78, 57471), (80, 57492), (92, 57582), (97, 57630),

Gene: Kahve_71 Start: 58016, Stop: 58723, Start Num: 40
Candidate Starts for Kahve_71:
(Start: 40 @58016 has 297 MA's), (54, 58106), (56, 58115), (57, 58121), (60, 58157), (61, 58163), (64, 58178), (70, 58232), (71, 58235), (75, 58256), (78, 58271), (80, 58292), (92, 58382), (97, 58430),

Gene: Kailash_68 Start: 57726, Stop: 58424, Start Num: 40
Candidate Starts for Kailash_68:
(Start: 40 @57726 has 297 MA's), (54, 57816), (56, 57825), (57, 57831), (60, 57867), (61, 57873), (64, 57888), (70, 57942), (71, 57945), (75, 57966), (78, 57981), (80, 58002), (92, 58092), (97, 58140),

Gene: Kaleb_66 Start: 56220, Stop: 56873, Start Num: 43
Candidate Starts for Kaleb_66:
(6, 55866), (7, 55890), (10, 55929), (31, 56160), (Start: 43 @56220 has 34 MA's), (Start: 45 @56226 has 3 MA's), (50, 56274), (53, 56301), (58, 56331), (65, 56391), (69, 56415), (75, 56457), (76, 56463), (77, 56469), (80, 56493), (92, 56583), (103, 56739), (112, 56808),

Gene: KarasumaRum_70 Start: 59079, Stop: 59732, Start Num: 47
Candidate Starts for KarasumaRum_70:
(13, 58800), (26, 58959), (Start: 47 @59079 has 12 MA's), (56, 59154), (61, 59202), (64, 59217), (74, 59289), (77, 59307), (80, 59331), (81, 59334), (82, 59346), (89, 59403), (90, 59415), (93, 59424), (95, 59442), (100, 59550), (109, 59616),

Gene: Karn_70 Start: 57576, Stop: 58283, Start Num: 40
Candidate Starts for Karn_70:
(Start: 40 @57576 has 297 MA's), (54, 57666), (56, 57675), (57, 57681), (60, 57717), (61, 57723), (64, 57738), (70, 57792), (71, 57795), (75, 57816), (78, 57831), (80, 57852), (92, 57942), (97, 57990),

Gene: Katniss_72 Start: 57456, Stop: 58163, Start Num: 40
Candidate Starts for Katniss_72:
(Start: 40 @57456 has 297 MA's), (54, 57546), (56, 57555), (57, 57561), (60, 57597), (61, 57603), (64, 57618), (70, 57672), (71, 57675), (75, 57696), (78, 57711), (80, 57732), (92, 57822), (97, 57870),

Gene: KayaCho_66 Start: 57943, Stop: 58623, Start Num: 42
Candidate Starts for KayaCho_66:
(Start: 42 @57943 has 28 MA's), (49, 57973), (54, 58009), (55, 58012), (61, 58066), (65, 58093), (72, 58141), (80, 58195), (81, 58198), (83, 58222), (84, 58225), (92, 58285), (102, 58435), (107, 58468),

Gene: Keitherie_73 Start: 58078, Stop: 58785, Start Num: 40
Candidate Starts for Keitherie_73:
(Start: 40 @58078 has 297 MA's), (54, 58168), (56, 58177), (57, 58183), (60, 58219), (61, 58225), (64, 58240), (70, 58294), (71, 58297), (75, 58318), (78, 58333), (80, 58354), (92, 58444), (97, 58492),

Gene: Khan1_69 Start: 57798, Stop: 58505, Start Num: 40
Candidate Starts for Khan1_69:
(Start: 40 @57798 has 297 MA's), (54, 57888), (56, 57897), (57, 57903), (60, 57939), (61, 57945), (64, 57960), (70, 58014), (71, 58017), (75, 58038), (78, 58053), (80, 58074), (92, 58164),

Gene: Kheth_66 Start: 56132, Stop: 56785, Start Num: 43
Candidate Starts for Kheth_66:

(6, 55778), (7, 55802), (10, 55841), (31, 56072), (Start: 43 @56132 has 34 MA's), (Start: 45 @56138 has 3 MA's), (50, 56186), (53, 56213), (58, 56243), (65, 56303), (69, 56327), (75, 56369), (76, 56375), (77, 56381), (80, 56405), (92, 56495), (103, 56651),

Gene: Kikipoo_72 Start: 58008, Stop: 58706, Start Num: 40
Candidate Starts for Kikipoo_72:
(Start: 40 @58008 has 297 MA's), (54, 58098), (56, 58107), (57, 58113), (60, 58149), (61, 58155), (64, 58170), (70, 58224), (71, 58227), (75, 58248), (78, 58263), (80, 58284), (92, 58374),

Gene: Kimbrough_71 Start: 57914, Stop: 58609, Start Num: 40
Candidate Starts for Kimbrough_71:
(Start: 40 @57914 has 297 MA's), (54, 58004), (56, 58013), (57, 58019), (60, 58055), (61, 58061), (64, 58076), (70, 58130), (71, 58133), (75, 58154), (78, 58169), (80, 58190), (92, 58280), (97, 58328), (111, 58508),

Gene: KingTut_61 Start: 54063, Stop: 54770, Start Num: 40
Candidate Starts for KingTut_61:
(Start: 40 @54063 has 297 MA's), (54, 54153), (56, 54162), (57, 54168), (60, 54204), (61, 54210), (64, 54225), (70, 54279), (71, 54282), (75, 54303), (78, 54318), (80, 54339), (92, 54429), (97, 54477),

Gene: KingVeVeVe_68 Start: 56866, Stop: 57573, Start Num: 40
Candidate Starts for KingVeVeVe_68:
(Start: 40 @56866 has 297 MA's), (54, 56956), (56, 56965), (60, 57007), (61, 57013), (64, 57028), (70, 57082), (71, 57085), (75, 57106), (78, 57121), (80, 57142), (92, 57232), (97, 57280),

Gene: Kiwot_70 Start: 57495, Stop: 58193, Start Num: 40
Candidate Starts for Kiwot_70:
(Start: 40 @57495 has 297 MA's), (54, 57585), (56, 57594), (57, 57600), (60, 57636), (61, 57642), (64, 57657), (70, 57711), (71, 57714), (75, 57735), (78, 57750), (80, 57771), (92, 57861), (97, 57909),

Gene: KlimbOn_69 Start: 57343, Stop: 58041, Start Num: 40
Candidate Starts for KlimbOn_69:
(Start: 40 @57343 has 297 MA's), (54, 57433), (56, 57442), (57, 57448), (60, 57484), (61, 57490), (64, 57505), (70, 57559), (71, 57562), (75, 57583), (78, 57598), (80, 57619), (92, 57709), (97, 57757),

Gene: Kloppinator_70 Start: 57524, Stop: 58222, Start Num: 40
Candidate Starts for Kloppinator_70:
(Start: 40 @57524 has 297 MA's), (54, 57614), (56, 57623), (60, 57665), (61, 57671), (64, 57686), (70, 57740), (71, 57743), (75, 57764), (78, 57779), (80, 57800), (92, 57890), (97, 57938),

Gene: Knocker_71 Start: 60395, Stop: 61171, Start Num: 36
Candidate Starts for Knocker_71:
(Start: 36 @60395 has 2 MA's), (54, 60485), (55, 60488), (61, 60542), (67, 60575), (68, 60578), (71, 60614), (72, 60617), (80, 60671), (81, 60674), (92, 60761), (94, 60773), (104, 60947),

Gene: Kolhan_67 Start: 56109, Stop: 56762, Start Num: 43
Candidate Starts for Kolhan_67:
(31, 56049), (Start: 43 @56109 has 34 MA's), (Start: 45 @56115 has 3 MA's), (50, 56163), (53, 56190), (58, 56220), (65, 56280), (69, 56304), (75, 56346), (76, 56352), (77, 56358), (80, 56382), (92, 56472), (103, 56628),

Gene: Kwadwo_69 Start: 57323, Stop: 58030, Start Num: 40
Candidate Starts for Kwadwo_69:

(Start: 40 @57323 has 297 MA's), (54, 57413), (56, 57422), (57, 57428), (60, 57464), (61, 57470), (64, 57485), (70, 57539), (71, 57542), (75, 57563), (78, 57578), (80, 57599), (92, 57689), (97, 57737),

Gene: Kwksand96_71 Start: 57590, Stop: 58297, Start Num: 40
Candidate Starts for Kwksand96_71:
(Start: 40 @57590 has 297 MA's), (54, 57680), (56, 57689), (57, 57695), (60, 57731), (61, 57737), (64, 57752), (70, 57806), (71, 57809), (75, 57830), (78, 57845), (80, 57866), (92, 57956), (97, 58004),

Gene: Labeouficaum_70 Start: 57403, Stop: 58107, Start Num: 40
Candidate Starts for Labeouficaum_70:
(Start: 40 @57403 has 297 MA's), (54, 57493), (56, 57502), (60, 57544), (61, 57550), (64, 57565), (70, 57619), (71, 57622), (75, 57643), (78, 57658), (80, 57679), (92, 57769), (97, 57817), (111, 57997),

Gene: Lambano_65 Start: 58489, Stop: 59076, Start Num: 42
Candidate Starts for Lambano_65:
(1, 58084), (4, 58126), (10, 58210), (11, 58228), (17, 58258), (23, 58354), (24, 58363), (Start: 42 @58489 has 28 MA's), (54, 58555), (55, 58558), (59, 58594), (67, 58645), (71, 58684), (72, 58687), (80, 58741), (81, 58744), (95, 58852), (99, 58915), (105, 59017),

Gene: Lars_67 Start: 56193, Stop: 56846, Start Num: 43
Candidate Starts for Lars_67:
(6, 55839), (7, 55863), (10, 55902), (31, 56133), (Start: 43 @56193 has 34 MA's), (Start: 45 @56199 has 3 MA's), (50, 56247), (53, 56274), (58, 56304), (65, 56364), (69, 56388), (75, 56430), (76, 56436), (77, 56442), (80, 56466), (92, 56556), (103, 56712),

Gene: Larson_72 Start: 57665, Stop: 58372, Start Num: 40
Candidate Starts for Larson_72:
(Start: 40 @57665 has 297 MA's), (54, 57755), (56, 57764), (60, 57806), (61, 57812), (64, 57827), (70, 57881), (71, 57884), (75, 57905), (78, 57920), (80, 57941), (92, 58031), (97, 58079),

Gene: LasagnaCat_71 Start: 57714, Stop: 58409, Start Num: 40
Candidate Starts for LasagnaCat_71:
(Start: 40 @57714 has 297 MA's), (54, 57804), (56, 57813), (57, 57819), (60, 57855), (61, 57861), (64, 57876), (70, 57930), (71, 57933), (75, 57954), (78, 57969), (80, 57990), (92, 58080), (97, 58128),

Gene: Lasso_69 Start: 57553, Stop: 58260, Start Num: 40
Candidate Starts for Lasso_69:
(Start: 40 @57553 has 297 MA's), (54, 57643), (56, 57652), (57, 57658), (60, 57694), (61, 57700), (64, 57715), (70, 57769), (71, 57772), (75, 57793), (78, 57808), (80, 57829), (92, 57919), (97, 57967),

Gene: Laurie_66 Start: 55873, Stop: 56523, Start Num: 43
Candidate Starts for Laurie_66:
(31, 55813), (Start: 43 @55873 has 34 MA's), (Start: 45 @55879 has 3 MA's), (50, 55924), (53, 55951), (58, 55981), (63, 56026), (65, 56041), (69, 56065), (75, 56107), (76, 56113), (77, 56119), (80, 56143), (92, 56233), (103, 56389),

Gene: LeeLot_69 Start: 57909, Stop: 58616, Start Num: 40
Candidate Starts for LeeLot_69:
(Start: 40 @57909 has 297 MA's), (54, 57999), (56, 58008), (57, 58014), (60, 58050), (61, 58056), (64, 58071), (70, 58125), (71, 58128), (75, 58149), (78, 58164), (80, 58185), (92, 58275), (97, 58323),

Gene: Lego3393_68 Start: 58035, Stop: 58730, Start Num: 40
Candidate Starts for Lego3393_68:

(Start: 40 @58035 has 297 MA's), (54, 58125), (56, 58134), (57, 58140), (60, 58176), (61, 58182), (64, 58197), (70, 58251), (71, 58254), (75, 58275), (78, 58290), (80, 58311), (92, 58401), (97, 58449), (111, 58629),

Gene: Legolas_71 Start: 57648, Stop: 58355, Start Num: 40
Candidate Starts for Legolas_71:
(Start: 40 @57648 has 297 MA's), (54, 57738), (56, 57747), (57, 57753), (60, 57789), (61, 57795), (64, 57810), (70, 57864), (71, 57867), (75, 57888), (78, 57903), (80, 57924), (92, 58014), (97, 58062),

Gene: Lehmann_72 Start: 57891, Stop: 58589, Start Num: 40
Candidate Starts for Lehmann_72:
(Start: 40 @57891 has 297 MA's), (54, 57981), (56, 57990), (60, 58032), (61, 58038), (64, 58053), (70, 58107), (71, 58110), (75, 58131), (78, 58146), (80, 58167), (92, 58257), (97, 58305),

Gene: LeiMonet_73 Start: 57786, Stop: 58493, Start Num: 40
Candidate Starts for LeiMonet_73:
(Start: 40 @57786 has 297 MA's), (54, 57876), (56, 57885), (57, 57891), (60, 57927), (61, 57933), (64, 57948), (70, 58002), (71, 58005), (75, 58026), (78, 58041), (80, 58062), (92, 58152), (97, 58200),

Gene: LemonSlice_70 Start: 57300, Stop: 58007, Start Num: 40
Candidate Starts for LemonSlice_70:
(Start: 40 @57300 has 297 MA's), (54, 57390), (56, 57399), (57, 57405), (60, 57441), (61, 57447), (64, 57462), (70, 57516), (71, 57519), (75, 57540), (78, 57555), (80, 57576), (92, 57666), (97, 57714),

Gene: Lephleur_66 Start: 56058, Stop: 56708, Start Num: 43
Candidate Starts for Lephleur_66:
(6, 55704), (7, 55728), (10, 55767), (31, 55998), (Start: 43 @56058 has 34 MA's), (Start: 45 @56064 has 3 MA's), (50, 56109), (53, 56136), (58, 56166), (65, 56226), (69, 56250), (75, 56292), (76, 56298), (77, 56304), (80, 56328), (92, 56418), (103, 56574),

Gene: LilMcDreamy_69 Start: 59015, Stop: 59680, Start Num: 47
Candidate Starts for LilMcDreamy_69:
(Start: 47 @59015 has 12 MA's), (61, 59138), (64, 59153), (65, 59165), (74, 59225), (75, 59231), (77, 59243), (80, 59267), (81, 59270), (90, 59351), (93, 59360), (100, 59492),

Gene: LilSmirk_66 Start: 56091, Stop: 56744, Start Num: 43
Candidate Starts for LilSmirk_66:
(6, 55737), (7, 55761), (10, 55800), (31, 56031), (Start: 43 @56091 has 34 MA's), (Start: 45 @56097 has 3 MA's), (50, 56145), (53, 56172), (58, 56202), (65, 56262), (69, 56286), (75, 56328), (76, 56334), (77, 56340), (80, 56364), (92, 56454), (103, 56610),

Gene: LittleDigger_66 Start: 58412, Stop: 58999, Start Num: 42
Candidate Starts for LittleDigger_66:
(1, 58007), (10, 58133), (11, 58151), (17, 58181), (23, 58277), (24, 58286), (Start: 42 @58412 has 28 MA's), (54, 58478), (55, 58481), (59, 58517), (67, 58568), (71, 58607), (72, 58610), (80, 58664), (81, 58667), (95, 58775), (99, 58838), (105, 58940),

Gene: LittleMinkey_81 Start: 59740, Stop: 60681, Start Num: 34
Candidate Starts for LittleMinkey_81:
(9, 59473), (Start: 34 @59740 has 3 MA's), (54, 59842), (56, 59851), (62, 59905), (77, 60004), (79, 60019), (80, 60028), (92, 60118), (113, 60409),

Gene: LizLemon_66 Start: 56220, Stop: 56873, Start Num: 43

Candidate Starts for LizLemon_66:
(6, 55866), (7, 55890), (10, 55929), (31, 56160), (Start: 43 @56220 has 34 MA's), (Start: 45 @56226 has 3 MA's), (50, 56274), (53, 56301), (58, 56331), (65, 56391), (69, 56415), (75, 56457), (76, 56463), (77, 56469), (80, 56493), (92, 56583), (103, 56739),

Gene: Lolalove_69 Start: 59664, Stop: 60251, Start Num: 42
Candidate Starts for Lolalove_69:
(23, 59529), (24, 59538), (Start: 42 @59664 has 28 MA's), (49, 59694), (54, 59730), (55, 59733), (59, 59769), (67, 59820), (71, 59859), (72, 59862), (80, 59916), (81, 59919), (86, 59952), (87, 59961), (94, 60018), (95, 60027), (99, 60090), (105, 60192),

Gene: Longacauda_71 Start: 57689, Stop: 58396, Start Num: 40
Candidate Starts for Longacauda_71:
(Start: 40 @57689 has 297 MA's), (54, 57779), (56, 57788), (57, 57794), (60, 57830), (61, 57836), (64, 57851), (70, 57905), (71, 57908), (75, 57929), (78, 57944), (80, 57965), (92, 58055), (97, 58103),

Gene: Lopsy_67 Start: 57013, Stop: 57711, Start Num: 40
Candidate Starts for Lopsy_67:
(Start: 40 @57013 has 297 MA's), (54, 57103), (56, 57112), (60, 57154), (61, 57160), (64, 57175), (70, 57229), (71, 57232), (75, 57253), (78, 57268), (80, 57289), (92, 57379), (97, 57427),

Gene: LostAndPhound_69 Start: 57853, Stop: 58560, Start Num: 40
Candidate Starts for LostAndPhound_69:
(Start: 40 @57853 has 297 MA's), (54, 57943), (56, 57952), (57, 57958), (60, 57994), (61, 58000), (64, 58015), (70, 58069), (71, 58072), (75, 58093), (78, 58108), (80, 58129), (92, 58219), (97, 58267),

Gene: LuckyMarjie_67 Start: 57074, Stop: 57769, Start Num: 40
Candidate Starts for LuckyMarjie_67:
(Start: 40 @57074 has 297 MA's), (54, 57164), (56, 57173), (57, 57179), (60, 57215), (61, 57221), (64, 57236), (70, 57290), (71, 57293), (75, 57314), (78, 57329), (80, 57350), (92, 57440), (97, 57488), (111, 57668),

Gene: Lulumae_67 Start: 57058, Stop: 57753, Start Num: 40
Candidate Starts for Lulumae_67:
(Start: 40 @57058 has 297 MA's), (54, 57148), (56, 57157), (57, 57163), (60, 57199), (61, 57205), (64, 57220), (70, 57274), (71, 57277), (75, 57298), (78, 57313), (80, 57334), (92, 57424), (97, 57472), (111, 57652),

Gene: Lulwa_68 Start: 56677, Stop: 57384, Start Num: 40
Candidate Starts for Lulwa_68:
(Start: 40 @56677 has 297 MA's), (54, 56767), (56, 56776), (60, 56818), (61, 56824), (64, 56839), (70, 56893), (71, 56896), (75, 56917), (78, 56932), (80, 56953), (92, 57043),

Gene: Lumine_71 Start: 57512, Stop: 58207, Start Num: 40
Candidate Starts for Lumine_71:
(Start: 40 @57512 has 297 MA's), (54, 57602), (56, 57611), (57, 57617), (60, 57653), (61, 57659), (64, 57674), (70, 57728), (71, 57731), (75, 57752), (78, 57767), (80, 57788), (92, 57878), (97, 57926), (111, 58106),

Gene: MRabcd_70 Start: 57796, Stop: 58491, Start Num: 40
Candidate Starts for MRabcd_70:
(Start: 40 @57796 has 297 MA's), (54, 57886), (56, 57895), (57, 57901), (60, 57937), (61, 57943), (64, 57958), (70, 58012), (71, 58015), (75, 58036), (78, 58051), (80, 58072), (92, 58162), (97, 58210),

Gene: Mag7_68 Start: 57270, Stop: 57968, Start Num: 40
Candidate Starts for Mag7_68:
(Start: 40 @57270 has 297 MA's), (54, 57360), (56, 57369), (57, 57375), (60, 57411), (61, 57417), (64, 57432), (70, 57486), (71, 57489), (75, 57510), (78, 57525), (80, 57546), (92, 57636), (97, 57684),

Gene: Magic8_69 Start: 57634, Stop: 58332, Start Num: 40
Candidate Starts for Magic8_69:
(Start: 40 @57634 has 297 MA's), (54, 57724), (56, 57733), (57, 57739), (60, 57775), (61, 57781), (64, 57796), (70, 57850), (71, 57853), (75, 57874), (78, 57889), (80, 57910), (92, 58000), (97, 58048),

Gene: Magpie_65 Start: 59349, Stop: 59936, Start Num: 42
Candidate Starts for Magpie_65:
(Start: 42 @59349 has 28 MA's), (54, 59415), (55, 59418), (59, 59454), (67, 59505), (71, 59544), (72, 59547), (80, 59601), (81, 59604), (87, 59646), (95, 59712), (99, 59775), (105, 59877),

Gene: Mana_69 Start: 57469, Stop: 58176, Start Num: 40
Candidate Starts for Mana_69:
(Start: 40 @57469 has 297 MA's), (54, 57559), (56, 57568), (57, 57574), (60, 57610), (61, 57616), (64, 57631), (70, 57685), (71, 57688), (75, 57709), (78, 57724), (80, 57745), (92, 57835), (97, 57883),

Gene: Manad_69 Start: 57625, Stop: 58323, Start Num: 40
Candidate Starts for Manad_69:
(Start: 40 @57625 has 297 MA's), (54, 57715), (56, 57724), (57, 57730), (60, 57766), (61, 57772), (64, 57787), (70, 57841), (71, 57844), (75, 57865), (78, 57880), (80, 57901), (92, 57991), (97, 58039),

Gene: Maru_70 Start: 57908, Stop: 58615, Start Num: 40
Candidate Starts for Maru_70:
(Start: 40 @57908 has 297 MA's), (54, 57998), (56, 58007), (57, 58013), (60, 58049), (61, 58055), (64, 58070), (70, 58124), (71, 58127), (75, 58148), (78, 58163), (80, 58184), (92, 58274), (97, 58322),

Gene: Maskar_71 Start: 57709, Stop: 58416, Start Num: 40
Candidate Starts for Maskar_71:
(Start: 40 @57709 has 297 MA's), (54, 57799), (56, 57808), (57, 57814), (60, 57850), (61, 57856), (64, 57871), (70, 57925), (71, 57928), (75, 57949), (78, 57964), (80, 57985), (92, 58075), (97, 58123),

Gene: MasterPo_67 Start: 56090, Stop: 56740, Start Num: 43
Candidate Starts for MasterPo_67:
(6, 55736), (7, 55760), (10, 55799), (31, 56030), (Start: 43 @56090 has 34 MA's), (Start: 45 @56096 has 3 MA's), (50, 56141), (53, 56168), (58, 56198), (65, 56258), (69, 56282), (75, 56324), (76, 56330), (77, 56336), (80, 56360), (92, 56450), (103, 56606),

Gene: Matalotodo_69 Start: 58308, Stop: 59015, Start Num: 40
Candidate Starts for Matalotodo_69:
(Start: 40 @58308 has 297 MA's), (54, 58398), (56, 58407), (57, 58413), (60, 58449), (61, 58455), (64, 58470), (70, 58524), (71, 58527), (75, 58548), (78, 58563), (80, 58584), (92, 58674), (97, 58722),

Gene: Mcshane_69 Start: 57336, Stop: 58031, Start Num: 40
Candidate Starts for Mcshane_69:
(Start: 40 @57336 has 297 MA's), (54, 57426), (56, 57435), (57, 57441), (60, 57477), (61, 57483), (64, 57498), (70, 57552), (71, 57555), (75, 57576), (78, 57591), (80, 57612), (92, 57702), (97, 57750), (111, 57930),

Gene: Mecca_70 Start: 57901, Stop: 58596, Start Num: 40
Candidate Starts for Mecca_70:
(Start: 40 @57901 has 297 MA's), (54, 57991), (56, 58000), (57, 58006), (60, 58042), (61, 58048), (64, 58063), (70, 58117), (71, 58120), (75, 58141), (78, 58156), (80, 58177), (92, 58267), (97, 58315), (111, 58495),

Gene: Megamind20_70 Start: 57324, Stop: 58016, Start Num: 40
Candidate Starts for Megamind20_70:
(Start: 40 @57324 has 297 MA's), (54, 57414), (56, 57423), (57, 57429), (60, 57465), (61, 57471), (64, 57486), (70, 57540), (71, 57543), (75, 57564), (78, 57579), (80, 57600), (92, 57690), (97, 57738),

Gene: Megatron_71 Start: 57995, Stop: 58702, Start Num: 40
Candidate Starts for Megatron_71:
(Start: 40 @57995 has 297 MA's), (54, 58085), (56, 58094), (57, 58100), (60, 58136), (61, 58142), (64, 58157), (70, 58211), (71, 58214), (75, 58235), (78, 58250), (80, 58271), (92, 58361), (97, 58409),

Gene: Melc17_67 Start: 57936, Stop: 58643, Start Num: 40
Candidate Starts for Melc17_67:
(Start: 40 @57936 has 297 MA's), (54, 58026), (56, 58035), (57, 58041), (60, 58077), (61, 58083), (64, 58098), (70, 58152), (71, 58155), (75, 58176), (78, 58191), (80, 58212), (92, 58302), (97, 58350),

Gene: MelsMeow_69 Start: 57588, Stop: 58295, Start Num: 40
Candidate Starts for MelsMeow_69:
(Start: 40 @57588 has 297 MA's), (54, 57678), (56, 57687), (57, 57693), (60, 57729), (61, 57735), (64, 57750), (70, 57804), (71, 57807), (75, 57828), (78, 57843), (80, 57864), (92, 57954), (97, 58002),

Gene: Mesh1_71 Start: 58044, Stop: 58751, Start Num: 40
Candidate Starts for Mesh1_71:
(Start: 40 @58044 has 297 MA's), (54, 58134), (56, 58143), (57, 58149), (60, 58185), (61, 58191), (64, 58206), (70, 58260), (71, 58263), (75, 58284), (78, 58299), (80, 58320), (92, 58410), (97, 58458),

Gene: Mesmerelda_69 Start: 57894, Stop: 58589, Start Num: 40
Candidate Starts for Mesmerelda_69:
(Start: 40 @57894 has 297 MA's), (54, 57984), (56, 57993), (57, 57999), (60, 58035), (61, 58041), (64, 58056), (70, 58110), (71, 58113), (75, 58134), (78, 58149), (80, 58170), (92, 58260), (97, 58308), (111, 58488),

Gene: MichaelPhcott_68 Start: 57267, Stop: 57965, Start Num: 40
Candidate Starts for MichaelPhcott_68:
(Start: 40 @57267 has 297 MA's), (54, 57357), (56, 57366), (57, 57372), (60, 57408), (61, 57414), (64, 57429), (70, 57483), (71, 57486), (75, 57507), (78, 57522), (80, 57543), (92, 57633), (97, 57681),

Gene: Mikota_67 Start: 56864, Stop: 57571, Start Num: 40
Candidate Starts for Mikota_67:
(Start: 40 @56864 has 297 MA's), (54, 56954), (56, 56963), (60, 57005), (61, 57011), (64, 57026), (70, 57080), (71, 57083), (75, 57104), (78, 57119), (80, 57140), (92, 57230), (97, 57278), (111, 57458),

Gene: MiniBoss_67 Start: 56639, Stop: 57346, Start Num: 40
Candidate Starts for MiniBoss_67:
(Start: 40 @56639 has 297 MA's), (54, 56729), (56, 56738), (57, 56744), (60, 56780), (61, 56786), (64, 56801), (70, 56855), (71, 56858), (75, 56879), (78, 56894), (80, 56915), (92, 57005), (97, 57053), (111, 57233),

Gene: Minnow_69 Start: 58200, Stop: 58880, Start Num: 42
Candidate Starts for Minnow_69:
(Start: 42 @58200 has 28 MA's), (49, 58230), (54, 58266), (55, 58269), (61, 58323), (65, 58350), (72, 58398), (80, 58452), (81, 58455), (83, 58479), (84, 58482), (92, 58542), (102, 58692), (107, 58725),

Gene: MitKao_70 Start: 57478, Stop: 58185, Start Num: 40
Candidate Starts for MitKao_70:
(Start: 40 @57478 has 297 MA's), (54, 57568), (56, 57577), (60, 57619), (61, 57625), (64, 57640), (70, 57694), (71, 57697), (75, 57718), (78, 57733), (80, 57754), (92, 57844), (97, 57892),

Gene: Mithril_67 Start: 59663, Stop: 60250, Start Num: 42
Candidate Starts for Mithril_67:
(Start: 42 @59663 has 28 MA's), (49, 59693), (54, 59729), (55, 59732), (59, 59768), (67, 59819), (71, 59858), (72, 59861), (80, 59915), (81, 59918), (86, 59951), (87, 59960), (94, 60017), (95, 60026), (99, 60089), (105, 60191),

Gene: Morgushi_68 Start: 57293, Stop: 58000, Start Num: 40
Candidate Starts for Morgushi_68:
(Start: 40 @57293 has 297 MA's), (54, 57383), (56, 57392), (57, 57398), (60, 57434), (61, 57440), (64, 57455), (70, 57509), (71, 57512), (75, 57533), (78, 57548), (80, 57569), (92, 57659), (97, 57707),

Gene: Morty_71 Start: 57886, Stop: 58593, Start Num: 40
Candidate Starts for Morty_71:
(Start: 40 @57886 has 297 MA's), (54, 57976), (56, 57985), (60, 58027), (61, 58033), (64, 58048), (70, 58102), (71, 58105), (75, 58126), (78, 58141), (80, 58162), (92, 58252),

Gene: Mosaic_68 Start: 57473, Stop: 58180, Start Num: 40
Candidate Starts for Mosaic_68:
(Start: 40 @57473 has 297 MA's), (54, 57563), (56, 57572), (57, 57578), (60, 57614), (61, 57620), (64, 57635), (70, 57689), (71, 57692), (75, 57713), (78, 57728), (80, 57749), (92, 57839), (97, 57887),

Gene: MrPhizzler_73 Start: 57775, Stop: 58482, Start Num: 40
Candidate Starts for MrPhizzler_73:
(Start: 40 @57775 has 297 MA's), (54, 57865), (56, 57874), (60, 57916), (61, 57922), (64, 57937), (70, 57991), (71, 57994), (75, 58015), (78, 58030), (80, 58051), (92, 58141), (97, 58189),

Gene: Mudslide_67 Start: 59684, Stop: 60271, Start Num: 42
Candidate Starts for Mudslide_67:
(23, 59549), (24, 59558), (Start: 42 @59684 has 28 MA's), (54, 59750), (55, 59753), (59, 59789), (67, 59840), (71, 59879), (72, 59882), (80, 59936), (81, 59939), (87, 59981), (94, 60038), (95, 60047), (99, 60110),

Gene: Mulan_69 Start: 57533, Stop: 58228, Start Num: 40
Candidate Starts for Mulan_69:
(Start: 40 @57533 has 297 MA's), (54, 57623), (56, 57632), (57, 57638), (60, 57674), (61, 57680), (64, 57695), (70, 57749), (71, 57752), (75, 57773), (78, 57788), (80, 57809), (92, 57899), (97, 57947),

Gene: Murdoc_67 Start: 57582, Stop: 58289, Start Num: 40
Candidate Starts for Murdoc_67:
(Start: 40 @57582 has 297 MA's), (54, 57672), (56, 57681), (57, 57687), (60, 57723), (61, 57729), (64, 57744), (70, 57798), (71, 57801), (75, 57822), (78, 57837), (80, 57858), (92, 57948), (97, 57996),

Gene: Mutante_71 Start: 57492, Stop: 58187, Start Num: 40

Candidate Starts for Mutante_71:
(Start: 40 @57492 has 297 MA's), (54, 57582), (56, 57591), (57, 57597), (60, 57633), (61, 57639), (64, 57654), (70, 57708), (71, 57711), (75, 57732), (78, 57747), (80, 57768), (92, 57858), (97, 57906),

Gene: Mysterious_69 Start: 59187, Stop: 59828, Start Num: 47
Candidate Starts for Mysterious_69:
(Start: 47 @59187 has 12 MA's), (51, 59232), (61, 59310), (65, 59337), (73, 59391), (74, 59397), (77, 59415), (80, 59439), (81, 59442), (84, 59469), (87, 59484), (90, 59523), (93, 59532), (95, 59550), (96, 59568), (100, 59658),

Gene: Nacho_0073 Start: 58386, Stop: 59093, Start Num: 40
Candidate Starts for Nacho_0073:
(Start: 40 @58386 has 297 MA's), (54, 58476), (56, 58485), (60, 58527), (61, 58533), (64, 58548), (70, 58602), (71, 58605), (75, 58626), (78, 58641), (80, 58662), (92, 58752), (97, 58800),

Gene: Nanao_66 Start: 58479, Stop: 59066, Start Num: 42
Candidate Starts for Nanao_66:
(1, 58074), (4, 58116), (10, 58200), (11, 58218), (17, 58248), (23, 58344), (24, 58353), (Start: 42 @58479 has 28 MA's), (54, 58545), (55, 58548), (59, 58584), (67, 58635), (71, 58674), (72, 58677), (80, 58731), (81, 58734), (95, 58842), (99, 58905), (105, 59007),

Gene: Nangang_70 Start: 59260, Stop: 59910, Start Num: 47
Candidate Starts for Nangang_70:
(13, 58996), (26, 59146), (Start: 47 @59260 has 12 MA's), (51, 59302), (61, 59380), (64, 59395), (74, 59467), (77, 59485), (80, 59509), (81, 59512), (82, 59524), (89, 59581), (90, 59593), (91, 59596), (93, 59602), (95, 59620), (100, 59728),

Gene: Nathan_71 Start: 57844, Stop: 58551, Start Num: 40
Candidate Starts for Nathan_71:
(Start: 40 @57844 has 297 MA's), (54, 57934), (56, 57943), (57, 57949), (60, 57985), (61, 57991), (64, 58006), (70, 58060), (71, 58063), (75, 58084), (78, 58099), (80, 58120), (92, 58210), (97, 58258),

Gene: Nehemiah_69 Start: 59025, Stop: 59666, Start Num: 47
Candidate Starts for Nehemiah_69:
(Start: 47 @59025 has 12 MA's), (51, 59070), (61, 59148), (64, 59163), (65, 59175), (73, 59229), (74, 59235), (77, 59253), (80, 59277), (81, 59280), (84, 59307), (87, 59322), (90, 59361), (93, 59370), (95, 59388), (96, 59406), (100, 59496), (109, 59562),

Gene: Nehme_67 Start: 57669, Stop: 58376, Start Num: 40
Candidate Starts for Nehme_67:
(Start: 40 @57669 has 297 MA's), (54, 57759), (56, 57768), (57, 57774), (60, 57810), (61, 57816), (64, 57831), (70, 57885), (71, 57888), (75, 57909), (78, 57924), (80, 57945), (92, 58035), (97, 58083),

Gene: Newman_68 Start: 57663, Stop: 58361, Start Num: 40
Candidate Starts for Newman_68:
(Start: 40 @57663 has 297 MA's), (54, 57753), (56, 57762), (60, 57804), (61, 57810), (64, 57825), (70, 57879), (71, 57882), (75, 57903), (78, 57918), (80, 57939), (92, 58029), (97, 58077),

Gene: NiaNia_71 Start: 57371, Stop: 58066, Start Num: 40
Candidate Starts for NiaNia_71:
(Start: 40 @57371 has 297 MA's), (54, 57461), (56, 57470), (57, 57476), (60, 57512), (61, 57518), (64, 57533), (70, 57587), (71, 57590), (75, 57611), (78, 57626), (80, 57647), (92, 57737), (97, 57785), (111, 57965),

Gene: Nicole21_71 Start: 57628, Stop: 58323, Start Num: 40
Candidate Starts for Nicole21_71:
(Start: 40 @57628 has 297 MA's), (54, 57718), (56, 57727), (57, 57733), (60, 57769), (61, 57775), (64, 57790), (70, 57844), (71, 57847), (75, 57868), (78, 57883), (80, 57904), (92, 57994), (97, 58042), (111, 58222),

Gene: Nigel_65 Start: 58299, Stop: 58883, Start Num: 42
Candidate Starts for Nigel_65:
(Start: 42 @58299 has 28 MA's), (46, 58305), (49, 58329), (54, 58365), (55, 58368), (60, 58416), (67, 58455), (71, 58494), (72, 58497), (80, 58551), (81, 58554), (95, 58662), (99, 58725),

Gene: Nova1_70 Start: 57471, Stop: 58169, Start Num: 40
Candidate Starts for Nova1_70:
(Start: 40 @57471 has 297 MA's), (54, 57561), (56, 57570), (57, 57576), (60, 57612), (61, 57618), (64, 57633), (70, 57687), (71, 57690), (75, 57711), (78, 57726), (80, 57747), (92, 57837), (97, 57885),

Gene: Numberten_69 Start: 57592, Stop: 58299, Start Num: 40
Candidate Starts for Numberten_69:
(Start: 40 @57592 has 297 MA's), (54, 57682), (56, 57691), (60, 57733), (61, 57739), (64, 57754), (70, 57808), (71, 57811), (75, 57832), (78, 57847), (80, 57868), (92, 57958),

Gene: Nyala_69 Start: 57346, Stop: 58041, Start Num: 40
Candidate Starts for Nyala_69:
(Start: 40 @57346 has 297 MA's), (54, 57436), (56, 57445), (57, 57451), (60, 57487), (61, 57493), (64, 57508), (70, 57562), (71, 57565), (75, 57586), (78, 57601), (80, 57622), (92, 57712), (97, 57760), (111, 57940),

Gene: OSmaximus_70 Start: 58095, Stop: 58802, Start Num: 40
Candidate Starts for OSmaximus_70:
(Start: 40 @58095 has 297 MA's), (54, 58185), (56, 58194), (57, 58200), (60, 58236), (61, 58242), (64, 58257), (70, 58311), (71, 58314), (75, 58335), (78, 58350), (80, 58371), (92, 58461), (97, 58509),

Gene: Olak_70 Start: 57496, Stop: 58191, Start Num: 40
Candidate Starts for Olak_70:
(Start: 40 @57496 has 297 MA's), (54, 57586), (56, 57595), (57, 57601), (60, 57637), (61, 57643), (64, 57658), (70, 57712), (71, 57715), (75, 57736), (78, 57751), (80, 57772), (92, 57862), (97, 57910), (111, 58090),

Gene: Oline_69 Start: 57495, Stop: 58193, Start Num: 40
Candidate Starts for Oline_69:
(Start: 40 @57495 has 297 MA's), (54, 57585), (56, 57594), (57, 57600), (60, 57636), (61, 57642), (64, 57657), (70, 57711), (71, 57714), (75, 57735), (78, 57750), (80, 57771), (92, 57861),

Gene: Olive_68 Start: 57565, Stop: 58260, Start Num: 40
Candidate Starts for Olive_68:
(Start: 40 @57565 has 297 MA's), (54, 57655), (56, 57664), (57, 57670), (60, 57706), (61, 57712), (64, 57727), (70, 57781), (71, 57784), (75, 57805), (78, 57820), (80, 57841), (92, 57931), (97, 57979), (111, 58159),

Gene: OliverWalter_70 Start: 57815, Stop: 58510, Start Num: 40
Candidate Starts for OliverWalter_70:

(Start: 40 @57815 has 297 MA's), (54, 57905), (56, 57914), (57, 57920), (60, 57956), (61, 57962), (64, 57977), (70, 58031), (71, 58034), (75, 58055), (78, 58070), (80, 58091), (92, 58181), (97, 58229), (111, 58409),

Gene: Omniscient_71 Start: 58209, Stop: 58904, Start Num: 40
Candidate Starts for Omniscient_71:
(Start: 40 @58209 has 297 MA's), (54, 58299), (56, 58308), (57, 58314), (60, 58350), (61, 58356), (64, 58371), (70, 58425), (71, 58428), (75, 58449), (78, 58464), (80, 58485), (92, 58575), (97, 58623), (111, 58803),

Gene: OneBrain_73 Start: 57585, Stop: 58280, Start Num: 40
Candidate Starts for OneBrain_73:
(Start: 40 @57585 has 297 MA's), (54, 57675), (56, 57684), (57, 57690), (60, 57726), (61, 57732), (64, 57747), (70, 57801), (71, 57804), (75, 57825), (78, 57840), (80, 57861), (92, 57951), (97, 57999), (111, 58179),

Gene: Oosterbaan_70 Start: 57772, Stop: 58479, Start Num: 40
Candidate Starts for Oosterbaan_70:
(Start: 40 @57772 has 297 MA's), (54, 57862), (56, 57871), (57, 57877), (60, 57913), (61, 57919), (64, 57934), (70, 57988), (71, 57991), (75, 58012), (78, 58027), (80, 58048), (92, 58138), (97, 58186),

Gene: Opia_67 Start: 56110, Stop: 56766, Start Num: 43
Candidate Starts for Opia_67:
(6, 55756), (7, 55780), (10, 55819), (31, 56050), (Start: 43 @56110 has 34 MA's), (Start: 45 @56116 has 3 MA's), (50, 56167), (53, 56194), (58, 56224), (65, 56284), (69, 56308), (75, 56350), (76, 56356), (77, 56362), (80, 56386), (92, 56476), (103, 56632),

Gene: Orfeu_69 Start: 57855, Stop: 58550, Start Num: 40
Candidate Starts for Orfeu_69:
(Start: 40 @57855 has 297 MA's), (54, 57945), (56, 57954), (57, 57960), (60, 57996), (61, 58002), (64, 58017), (70, 58071), (71, 58074), (75, 58095), (78, 58110), (80, 58131), (92, 58221), (97, 58269), (111, 58449),

Gene: Orion_70 Start: 57434, Stop: 58141, Start Num: 40
Candidate Starts for Orion_70:
(Start: 40 @57434 has 297 MA's), (54, 57524), (56, 57533), (57, 57539), (60, 57575), (61, 57581), (64, 57596), (70, 57650), (71, 57653), (75, 57674), (78, 57689), (80, 57710), (92, 57800), (97, 57848),

Gene: Orwigg_69 Start: 57270, Stop: 57977, Start Num: 40
Candidate Starts for Orwigg_69:
(Start: 40 @57270 has 297 MA's), (54, 57360), (56, 57369), (57, 57375), (60, 57411), (61, 57417), (64, 57432), (70, 57486), (71, 57489), (75, 57510), (78, 57525), (80, 57546), (92, 57636), (97, 57684),

Gene: PG1_70 Start: 58005, Stop: 58712, Start Num: 40
Candidate Starts for PG1_70:
(Start: 40 @58005 has 297 MA's), (54, 58095), (56, 58104), (57, 58110), (60, 58146), (61, 58152), (64, 58167), (70, 58221), (71, 58224), (75, 58245), (78, 58260), (80, 58281), (92, 58371), (97, 58419),

Gene: Pacifista_69 Start: 57347, Stop: 58042, Start Num: 40
Candidate Starts for Pacifista_69:
(Start: 40 @57347 has 297 MA's), (54, 57437), (56, 57446), (57, 57452), (60, 57488), (61, 57494), (64, 57509), (70, 57563), (71, 57566), (75, 57587), (78, 57602), (80, 57623), (92, 57713), (97, 57761), (111, 57941),

Gene: PallasAthena_71 Start: 57324, Stop: 58019, Start Num: 40
Candidate Starts for PallasAthena_71:
(Start: 40 @57324 has 297 MA's), (54, 57414), (56, 57423), (57, 57429), (60, 57465), (61, 57471), (64, 57486), (70, 57540), (71, 57543), (75, 57564), (78, 57579), (80, 57600), (92, 57690), (97, 57738),

Gene: PenguinLover67_68 Start: 58680, Stop: 59375, Start Num: 39
Candidate Starts for PenguinLover67_68:
(29, 58608), (Start: 39 @58680 has 3 MA's), (Start: 42 @58692 has 28 MA's), (Start: 47 @58713 has 12 MA's), (49, 58734), (54, 58770), (55, 58773), (56, 58779), (67, 58860), (72, 58902), (80, 58956), (81, 58959), (84, 58986), (87, 59001), (95, 59067),

Gene: Phamished_71 Start: 57516, Stop: 58211, Start Num: 40
Candidate Starts for Phamished_71:
(Start: 40 @57516 has 297 MA's), (54, 57606), (56, 57615), (57, 57621), (60, 57657), (61, 57663), (64, 57678), (70, 57732), (71, 57735), (75, 57756), (78, 57771), (80, 57792), (92, 57882), (97, 57930), (111, 58110),

Gene: Phantasmagoria_65 Start: 56102, Stop: 56755, Start Num: 43
Candidate Starts for Phantasmagoria_65:
(6, 55748), (7, 55772), (10, 55811), (31, 56042), (Start: 43 @56102 has 34 MA's), (Start: 45 @56108 has 3 MA's), (50, 56156), (53, 56183), (58, 56213), (65, 56273), (69, 56297), (75, 56339), (76, 56345), (77, 56351), (80, 56375), (92, 56465), (103, 56621),

Gene: Phareon_68 Start: 57024, Stop: 57731, Start Num: 40
Candidate Starts for Phareon_68:
(Start: 40 @57024 has 297 MA's), (54, 57114), (56, 57123), (57, 57129), (60, 57165), (61, 57171), (64, 57186), (70, 57240), (71, 57243), (75, 57264), (78, 57279), (80, 57300), (92, 57390), (97, 57438),

Gene: PhatCats2014_71 Start: 58010, Stop: 58714, Start Num: 40
Candidate Starts for PhatCats2014_71:
(Start: 40 @58010 has 297 MA's), (54, 58100), (56, 58109), (57, 58115), (60, 58151), (61, 58157), (64, 58172), (70, 58226), (71, 58229), (75, 58250), (78, 58265), (80, 58286), (92, 58376), (97, 58424), (111, 58604),

Gene: PhatLouie_72 Start: 57855, Stop: 58562, Start Num: 40
Candidate Starts for PhatLouie_72:
(Start: 40 @57855 has 297 MA's), (54, 57945), (56, 57954), (60, 57996), (61, 58002), (64, 58017), (70, 58071), (71, 58074), (75, 58095), (78, 58110), (80, 58131), (92, 58221), (97, 58269),

Gene: Phelemich_67 Start: 59019, Stop: 59660, Start Num: 47
Candidate Starts for Phelemich_67:
(Start: 47 @59019 has 12 MA's), (51, 59064), (61, 59142), (64, 59157), (65, 59169), (73, 59223), (74, 59229), (77, 59247), (80, 59271), (81, 59274), (84, 59301), (87, 59316), (90, 59355), (93, 59364), (95, 59382), (96, 59400), (100, 59490), (109, 59556),

Gene: PhenghisKhan_70 Start: 57472, Stop: 58179, Start Num: 40
Candidate Starts for PhenghisKhan_70:
(Start: 40 @57472 has 297 MA's), (54, 57562), (56, 57571), (57, 57577), (60, 57613), (61, 57619), (64, 57634), (70, 57688), (71, 57691), (75, 57712), (78, 57727), (80, 57748), (92, 57838), (97, 57886),

Gene: Pherdinand_71 Start: 57759, Stop: 58457, Start Num: 40
Candidate Starts for Pherdinand_71:

(Start: 40 @57759 has 297 MA's), (54, 57849), (56, 57858), (60, 57900), (61, 57906), (64, 57921), (70, 57975), (71, 57978), (75, 57999), (78, 58014), (80, 58035), (92, 58125), (97, 58173), (108, 58326),

Gene: Phergie_70 Start: 57464, Stop: 58171, Start Num: 40
Candidate Starts for Phergie_70:
(Start: 40 @57464 has 297 MA's), (54, 57554), (56, 57563), (57, 57569), (60, 57605), (61, 57611), (64, 57626), (70, 57680), (71, 57683), (75, 57704), (78, 57719), (80, 57740), (92, 57830), (97, 57878),

Gene: Phipps_70 Start: 57557, Stop: 58264, Start Num: 40
Candidate Starts for Phipps_70:
(Start: 40 @57557 has 297 MA's), (54, 57647), (56, 57656), (57, 57662), (60, 57698), (61, 57704), (64, 57719), (70, 57773), (71, 57776), (75, 57797), (78, 57812), (80, 57833), (92, 57923), (97, 57971),

Gene: Phleuron_68 Start: 57300, Stop: 57998, Start Num: 40
Candidate Starts for Phleuron_68:
(Start: 40 @57300 has 297 MA's), (54, 57390), (56, 57399), (57, 57405), (60, 57441), (61, 57447), (64, 57462), (70, 57516), (71, 57519), (75, 57540), (78, 57555), (80, 57576), (92, 57666), (97, 57714),

Gene: PhrankReynolds_69 Start: 57469, Stop: 58176, Start Num: 40
Candidate Starts for PhrankReynolds_69:
(Start: 40 @57469 has 297 MA's), (54, 57559), (56, 57568), (57, 57574), (60, 57610), (61, 57616), (64, 57631), (70, 57685), (71, 57688), (75, 57709), (78, 57724), (80, 57745), (92, 57835), (97, 57883),

Gene: PhrodoBaggins_72 Start: 57863, Stop: 58570, Start Num: 40
Candidate Starts for PhrodoBaggins_72:
(Start: 40 @57863 has 297 MA's), (54, 57953), (56, 57962), (57, 57968), (60, 58004), (61, 58010), (64, 58025), (70, 58079), (71, 58082), (75, 58103), (78, 58118), (80, 58139), (92, 58229), (97, 58277),

Gene: Phunky_68 Start: 57369, Stop: 58064, Start Num: 40
Candidate Starts for Phunky_68:
(Start: 40 @57369 has 297 MA's), (54, 57459), (56, 57468), (57, 57474), (60, 57510), (61, 57516), (64, 57531), (70, 57585), (71, 57588), (75, 57609), (78, 57624), (80, 57645), (92, 57735), (97, 57783), (111, 57963),

Gene: Piglet_0071 Start: 57982, Stop: 58689, Start Num: 40
Candidate Starts for Piglet_0071:
(Start: 40 @57982 has 297 MA's), (54, 58072), (56, 58081), (57, 58087), (60, 58123), (61, 58129), (64, 58144), (70, 58198), (71, 58201), (75, 58222), (78, 58237), (80, 58258), (92, 58348), (97, 58396),

Gene: PinheadLarry_69 Start: 57631, Stop: 58338, Start Num: 40
Candidate Starts for PinheadLarry_69:
(Start: 40 @57631 has 297 MA's), (54, 57721), (56, 57730), (57, 57736), (60, 57772), (61, 57778), (64, 57793), (70, 57847), (71, 57850), (75, 57871), (78, 57886), (80, 57907), (92, 57997), (97, 58045),

Gene: Pinkman_70 Start: 57581, Stop: 58288, Start Num: 40
Candidate Starts for Pinkman_70:
(Start: 40 @57581 has 297 MA's), (54, 57671), (56, 57680), (57, 57686), (60, 57722), (61, 57728), (64, 57743), (70, 57797), (71, 57800), (75, 57821), (78, 57836), (80, 57857), (92, 57947), (97, 57995),

Gene: Pipsqueak_67 Start: 57310, Stop: 58017, Start Num: 40
Candidate Starts for Pipsqueak_67:
(Start: 40 @57310 has 297 MA's), (54, 57400), (56, 57409), (57, 57415), (60, 57451), (61, 57457), (64, 57472), (70, 57526), (71, 57529), (75, 57550), (78, 57565), (80, 57586), (92, 57676), (97, 57724),

Gene: Placalicious_70 Start: 58351, Stop: 59055, Start Num: 40
Candidate Starts for Placalicious_70:
(Start: 40 @58351 has 297 MA's), (54, 58441), (56, 58450), (57, 58456), (60, 58492), (61, 58498), (64, 58513), (70, 58567), (71, 58570), (75, 58591), (78, 58606), (80, 58627), (92, 58717), (97, 58765), (111, 58945),

Gene: Plata_69 Start: 57575, Stop: 58273, Start Num: 40
Candidate Starts for Plata_69:
(Start: 40 @57575 has 297 MA's), (54, 57665), (56, 57674), (57, 57680), (60, 57716), (61, 57722), (64, 57737), (70, 57791), (71, 57794), (75, 57815), (78, 57830), (80, 57851), (92, 57941), (97, 57989),

Gene: Plmatters_68 Start: 57322, Stop: 58017, Start Num: 40
Candidate Starts for Plmatters_68:
(Start: 40 @57322 has 297 MA's), (54, 57412), (56, 57421), (57, 57427), (60, 57463), (61, 57469), (64, 57484), (70, 57538), (71, 57541), (75, 57562), (78, 57577), (80, 57598), (92, 57688), (97, 57736), (111, 57916),

Gene: Podrick_69 Start: 57391, Stop: 58098, Start Num: 40
Candidate Starts for Podrick_69:
(Start: 40 @57391 has 297 MA's), (54, 57481), (56, 57490), (57, 57496), (60, 57532), (61, 57538), (64, 57553), (70, 57607), (71, 57610), (75, 57631), (78, 57646), (80, 57667), (92, 57757), (97, 57805),

Gene: Pops_68 Start: 57338, Stop: 58036, Start Num: 40
Candidate Starts for Pops_68:
(Start: 40 @57338 has 297 MA's), (54, 57428), (56, 57437), (57, 57443), (60, 57479), (61, 57485), (64, 57500), (70, 57554), (71, 57557), (75, 57578), (78, 57593), (80, 57614), (92, 57704), (97, 57752),

Gene: Poster_65 Start: 58480, Stop: 59067, Start Num: 42
Candidate Starts for Poster_65:
(1, 58075), (4, 58117), (10, 58201), (11, 58219), (17, 58249), (23, 58345), (24, 58354), (Start: 42 @58480 has 28 MA's), (54, 58546), (55, 58549), (59, 58585), (67, 58636), (71, 58675), (72, 58678), (80, 58732), (81, 58735), (95, 58843), (99, 58906), (105, 59008),

Gene: Potter_67 Start: 57316, Stop: 58023, Start Num: 40
Candidate Starts for Potter_67:
(Start: 40 @57316 has 297 MA's), (54, 57406), (56, 57415), (57, 57421), (60, 57457), (61, 57463), (64, 57478), (70, 57532), (71, 57535), (75, 57556), (78, 57571), (80, 57592), (92, 57682), (97, 57730),

Gene: Prickles_71 Start: 57847, Stop: 58542, Start Num: 40
Candidate Starts for Prickles_71:
(Start: 40 @57847 has 297 MA's), (54, 57937), (56, 57946), (60, 57988), (61, 57994), (64, 58009), (70, 58063), (71, 58066), (75, 58087), (78, 58102), (80, 58123), (92, 58213), (97, 58261), (111, 58441),

Gene: Prince_66 Start: 59594, Stop: 60181, Start Num: 42
Candidate Starts for Prince_66:
(23, 59459), (24, 59468), (Start: 42 @59594 has 28 MA's), (49, 59624), (54, 59660), (55, 59663), (59, 59699), (67, 59750), (71, 59789), (72, 59792), (80, 59846), (81, 59849), (86, 59882), (87, 59891), (95, 59957), (99, 60020),

Gene: PrinceCharming_67 Start: 56142, Stop: 56795, Start Num: 43
Candidate Starts for PrinceCharming_67:

(6, 55791), (7, 55815), (10, 55854), (31, 56082), (Start: 43 @56142 has 34 MA's), (Start: 45 @56148 has 3 MA's), (50, 56196), (53, 56223), (58, 56253), (65, 56313), (69, 56337), (75, 56379), (76, 56385), (77, 56391), (80, 56415), (92, 56505), (103, 56661),

Gene: ProfessorX_68 Start: 57363, Stop: 58058, Start Num: 40
Candidate Starts for ProfessorX_68:
(Start: 40 @57363 has 297 MA's), (54, 57453), (56, 57462), (57, 57468), (60, 57504), (61, 57510), (64, 57525), (70, 57579), (71, 57582), (75, 57603), (78, 57618), (80, 57639), (92, 57729), (97, 57777), (111, 57957),

Gene: Puhltonio_68 Start: 57592, Stop: 58287, Start Num: 40
Candidate Starts for Puhltonio_68:
(Start: 40 @57592 has 297 MA's), (54, 57682), (56, 57691), (57, 57697), (60, 57733), (61, 57739), (64, 57754), (70, 57808), (71, 57811), (75, 57832), (78, 57847), (80, 57868), (92, 57958), (97, 58006), (111, 58186),

Gene: QueenBeane_70 Start: 57635, Stop: 58330, Start Num: 40
Candidate Starts for QueenBeane_70:
(Start: 40 @57635 has 297 MA's), (54, 57725), (56, 57734), (57, 57740), (60, 57776), (61, 57782), (64, 57797), (70, 57851), (71, 57854), (75, 57875), (78, 57890), (80, 57911), (92, 58001), (97, 58049), (111, 58229),

Gene: QueenPie_62 Start: 58582, Stop: 59169, Start Num: 42
Candidate Starts for QueenPie_62:
(Start: 42 @58582 has 28 MA's), (49, 58612), (54, 58648), (55, 58651), (59, 58687), (67, 58738), (68, 58741), (71, 58777), (72, 58780), (80, 58834), (81, 58837), (95, 58945), (98, 58993), (99, 59008), (105, 59110),

Gene: Quesadilla_69 Start: 58834, Stop: 59553, Start Num: 39
Candidate Starts for Quesadilla_69:
(Start: 39 @58834 has 3 MA's), (Start: 42 @58846 has 28 MA's), (48, 58879), (49, 58888), (50, 58891), (52, 58906), (54, 58924), (55, 58927), (67, 59014), (71, 59053), (72, 59056), (80, 59110), (81, 59113),

Gene: Quisquiliae_72 Start: 57647, Stop: 58354, Start Num: 40
Candidate Starts for Quisquiliae_72:
(Start: 40 @57647 has 297 MA's), (54, 57737), (56, 57746), (60, 57788), (61, 57794), (64, 57809), (70, 57863), (71, 57866), (75, 57887), (78, 57902), (80, 57923), (92, 58013),

Gene: Qyrzula_60 Start: 56221, Stop: 56880, Start Num: 43
Candidate Starts for Qyrzula_60:
(6, 55867), (7, 55891), (10, 55930), (31, 56161), (Start: 43 @56221 has 34 MA's), (Start: 45 @56227 has 3 MA's), (50, 56281), (53, 56308), (58, 56338), (65, 56398), (69, 56422), (75, 56464), (76, 56470), (77, 56476), (80, 56500), (92, 56590), (103, 56746),

Gene: RawrgerThat_68 Start: 59487, Stop: 60074, Start Num: 42
Candidate Starts for RawrgerThat_68:
(Start: 42 @59487 has 28 MA's), (49, 59517), (54, 59553), (55, 59556), (59, 59592), (67, 59643), (71, 59682), (72, 59685), (80, 59739), (81, 59742), (87, 59784), (95, 59850), (99, 59913), (105, 60015),

Gene: Reccee_71 Start: 59243, Stop: 59887, Start Num: 47
Candidate Starts for Reccee_71:
(26, 59129), (Start: 47 @59243 has 12 MA's), (61, 59366), (64, 59381), (65, 59393), (73, 59447), (74, 59453), (77, 59471), (80, 59495), (81, 59498), (89, 59567), (93, 59588), (95, 59606), (100, 59714),

Gene: RedMaple_70 Start: 58074, Stop: 58781, Start Num: 40
Candidate Starts for RedMaple_70:
(Start: 40 @58074 has 297 MA's), (54, 58164), (56, 58173), (57, 58179), (60, 58215), (61, 58221), (64, 58236), (70, 58290), (71, 58293), (75, 58314), (78, 58329), (80, 58350), (92, 58440), (97, 58488),

Gene: RedRaider89_69 Start: 57777, Stop: 58481, Start Num: 40
Candidate Starts for RedRaider89_69:
(Start: 40 @57777 has 297 MA's), (54, 57867), (56, 57876), (57, 57882), (60, 57918), (61, 57924), (64, 57939), (70, 57993), (71, 57996), (75, 58017), (78, 58032), (80, 58053), (92, 58143), (97, 58191), (111, 58371),

Gene: Renkei_66 Start: 58406, Stop: 58993, Start Num: 42
Candidate Starts for Renkei_66:
(1, 58001), (10, 58127), (11, 58145), (17, 58175), (23, 58271), (24, 58280), (Start: 42 @58406 has 28 MA's), (54, 58472), (55, 58475), (59, 58511), (67, 58562), (71, 58601), (72, 58604), (80, 58658), (81, 58661), (95, 58769), (99, 58832), (105, 58934),

Gene: Reprobate_69 Start: 59024, Stop: 59665, Start Num: 47
Candidate Starts for Reprobate_69:
(Start: 47 @59024 has 12 MA's), (51, 59069), (61, 59147), (64, 59162), (65, 59174), (73, 59228), (74, 59234), (77, 59252), (80, 59276), (81, 59279), (84, 59306), (87, 59321), (90, 59360), (93, 59369), (95, 59387), (96, 59405), (100, 59495), (109, 59561),

Gene: Rhinoforte_66 Start: 56143, Stop: 56793, Start Num: 43
Candidate Starts for Rhinoforte_66:
(6, 55789), (7, 55813), (10, 55852), (31, 56083), (Start: 43 @56143 has 34 MA's), (Start: 45 @56149 has 3 MA's), (50, 56194), (53, 56221), (58, 56251), (65, 56311), (69, 56335), (75, 56377), (76, 56383), (77, 56389), (80, 56413), (92, 56503), (103, 56659),

Gene: Rich_70 Start: 60248, Stop: 60886, Start Num: 47
Candidate Starts for Rich_70:
(37, 60227), (Start: 47 @60248 has 12 MA's), (49, 60278), (61, 60371), (73, 60452), (74, 60458), (77, 60476), (80, 60500), (81, 60503), (89, 60572), (90, 60584), (93, 60593), (95, 60611), (100, 60719), (109, 60785),

Gene: Ricotta_70 Start: 57329, Stop: 58024, Start Num: 40
Candidate Starts for Ricotta_70:
(Start: 40 @57329 has 297 MA's), (54, 57419), (56, 57428), (57, 57434), (60, 57470), (61, 57476), (64, 57491), (70, 57545), (71, 57548), (75, 57569), (78, 57584), (80, 57605), (92, 57695), (97, 57743), (111, 57923),

Gene: Riggan_71 Start: 57658, Stop: 58353, Start Num: 40
Candidate Starts for Riggan_71:
(Start: 40 @57658 has 297 MA's), (54, 57748), (56, 57757), (57, 57763), (60, 57799), (61, 57805), (64, 57820), (70, 57874), (71, 57877), (75, 57898), (78, 57913), (80, 57934), (92, 58024), (97, 58072), (111, 58252),

Gene: Rimu_70 Start: 57796, Stop: 58503, Start Num: 40
Candidate Starts for Rimu_70:
(Start: 40 @57796 has 297 MA's), (54, 57886), (56, 57895), (57, 57901), (60, 57937), (61, 57943), (64, 57958), (70, 58012), (71, 58015), (75, 58036), (78, 58051), (80, 58072), (92, 58162),

Gene: Rinkes_67 Start: 58796, Stop: 59521, Start Num: 36
Candidate Starts for Rinkes_67:
(Start: 36 @58796 has 2 MA's), (41, 58811), (54, 58898), (55, 58901), (60, 58949), (61, 58955), (67, 58988), (68, 58991), (80, 59084), (81, 59087), (93, 59177), (94, 59186), (106, 59345), (110, 59372),

Gene: Rita130_70 Start: 59056, Stop: 59703, Start Num: 47
Candidate Starts for Rita130_70:
(26, 58942), (Start: 47 @59056 has 12 MA's), (61, 59179), (64, 59194), (65, 59206), (73, 59260), (74, 59266), (77, 59284), (80, 59308), (81, 59311), (89, 59380), (90, 59392), (93, 59401), (95, 59419), (100, 59527),

Gene: Riverton_69 Start: 57588, Stop: 58295, Start Num: 40
Candidate Starts for Riverton_69:
(Start: 40 @57588 has 297 MA's), (54, 57678), (56, 57687), (57, 57693), (60, 57729), (61, 57735), (64, 57750), (70, 57804), (71, 57807), (75, 57828), (78, 57843), (80, 57864), (92, 57954), (97, 58002),

Gene: Robyn_71 Start: 57931, Stop: 58629, Start Num: 40
Candidate Starts for Robyn_71:
(Start: 40 @57931 has 297 MA's), (54, 58021), (56, 58030), (60, 58072), (61, 58078), (64, 58093), (70, 58147), (71, 58150), (75, 58171), (78, 58186), (80, 58207), (92, 58297), (97, 58345),

Gene: Roliet_67 Start: 56687, Stop: 57394, Start Num: 40
Candidate Starts for Roliet_67:
(Start: 40 @56687 has 297 MA's), (54, 56777), (56, 56786), (57, 56792), (60, 56828), (61, 56834), (64, 56849), (70, 56903), (71, 56906), (75, 56927), (78, 56942), (80, 56963), (92, 57053), (97, 57101), (111, 57281),

Gene: Roscoe_70 Start: 57775, Stop: 58482, Start Num: 40
Candidate Starts for Roscoe_70:
(Start: 40 @57775 has 297 MA's), (54, 57865), (56, 57874), (57, 57880), (60, 57916), (61, 57922), (64, 57937), (70, 57991), (71, 57994), (75, 58015), (78, 58030), (80, 58051), (92, 58141), (97, 58189),

Gene: Rosebush_65 Start: 56206, Stop: 56859, Start Num: 43
Candidate Starts for Rosebush_65:
(6, 55852), (7, 55876), (10, 55915), (31, 56146), (Start: 43 @56206 has 34 MA's), (Start: 45 @56212 has 3 MA's), (50, 56260), (53, 56287), (58, 56317), (65, 56377), (69, 56401), (75, 56443), (76, 56449), (77, 56455), (80, 56479), (92, 56569), (103, 56725),

Gene: Roy17_68 Start: 57058, Stop: 57753, Start Num: 40
Candidate Starts for Roy17_68:
(Start: 40 @57058 has 297 MA's), (54, 57148), (56, 57157), (57, 57163), (60, 57199), (61, 57205), (64, 57220), (70, 57274), (71, 57277), (75, 57298), (78, 57313), (80, 57334), (92, 57424), (97, 57472), (111, 57652),

Gene: SDcharge11_69 Start: 56829, Stop: 57527, Start Num: 40
Candidate Starts for SDcharge11_69:
(Start: 40 @56829 has 297 MA's), (54, 56919), (56, 56928), (60, 56970), (61, 56976), (64, 56991), (70, 57045), (71, 57048), (75, 57069), (78, 57084), (80, 57105), (92, 57195), (97, 57243),

Gene: Sabella_66 Start: 56042, Stop: 56695, Start Num: 43
Candidate Starts for Sabella_66:
(31, 55982), (Start: 43 @56042 has 34 MA's), (Start: 45 @56048 has 3 MA's), (50, 56096), (53, 56123), (58, 56153), (65, 56213), (69, 56237), (75, 56279), (76, 56285), (77, 56291), (80, 56315), (92, 56405),

(103, 56561),

Gene: Saguaro_66 Start: 58049, Stop: 58765, Start Num: 44
Candidate Starts for Saguaro_66:
(Start: 44 @58049 has 1 MA's), (51, 58094), (54, 58115), (55, 58118), (61, 58172), (62, 58178), (64, 58187), (66, 58202), (71, 58244), (80, 58301), (81, 58304), (92, 58391), (99, 58475), (104, 58559),

Gene: Salazzle_68 Start: 57508, Stop: 58206, Start Num: 40
Candidate Starts for Salazzle_68:
(Start: 40 @57508 has 297 MA's), (54, 57598), (56, 57607), (57, 57613), (60, 57649), (61, 57655), (64, 57670), (70, 57724), (71, 57727), (75, 57748), (78, 57763), (80, 57784), (92, 57874), (97, 57922),

Gene: SallyH_72 Start: 57598, Stop: 58299, Start Num: 40
Candidate Starts for SallyH_72:
(Start: 40 @57598 has 297 MA's), (54, 57688), (56, 57697), (60, 57739), (61, 57745), (64, 57760), (70, 57814), (71, 57817), (75, 57838), (78, 57853), (80, 57874), (92, 57964),

Gene: Samaymay_70 Start: 57635, Stop: 58330, Start Num: 40
Candidate Starts for Samaymay_70:
(Start: 40 @57635 has 297 MA's), (54, 57725), (56, 57734), (57, 57740), (60, 57776), (61, 57782), (64, 57797), (70, 57851), (71, 57854), (75, 57875), (78, 57890), (80, 57911), (92, 58001), (97, 58049), (111, 58229),

Gene: SassyCat97_68 Start: 57306, Stop: 58013, Start Num: 40
Candidate Starts for SassyCat97_68:
(Start: 40 @57306 has 297 MA's), (54, 57396), (56, 57405), (57, 57411), (60, 57447), (61, 57453), (64, 57468), (70, 57522), (71, 57525), (75, 57546), (78, 57561), (80, 57582), (92, 57672), (97, 57720),

Gene: Schadenfreude_70 Start: 57233, Stop: 57931, Start Num: 40
Candidate Starts for Schadenfreude_70:
(Start: 40 @57233 has 297 MA's), (54, 57323), (56, 57332), (60, 57374), (61, 57380), (64, 57395), (70, 57449), (71, 57452), (75, 57473), (78, 57488), (80, 57509), (92, 57599), (97, 57647),

Gene: Schueller_68 Start: 57590, Stop: 58285, Start Num: 40
Candidate Starts for Schueller_68:
(Start: 40 @57590 has 297 MA's), (54, 57680), (56, 57689), (57, 57695), (60, 57731), (61, 57737), (64, 57752), (70, 57806), (71, 57809), (75, 57830), (78, 57845), (80, 57866), (92, 57956), (97, 58004),

Gene: Scoot17C_71 Start: 57436, Stop: 58143, Start Num: 40
Candidate Starts for Scoot17C_71:
(Start: 40 @57436 has 297 MA's), (54, 57526), (56, 57535), (57, 57541), (60, 57577), (61, 57583), (64, 57598), (70, 57652), (71, 57655), (75, 57676), (78, 57691), (80, 57712), (92, 57802), (97, 57850),

Gene: Scrick_69 Start: 57318, Stop: 58025, Start Num: 40
Candidate Starts for Scrick_69:
(Start: 40 @57318 has 297 MA's), (54, 57408), (56, 57417), (57, 57423), (60, 57459), (61, 57465), (64, 57480), (70, 57534), (71, 57537), (75, 57558), (78, 57573), (80, 57594), (92, 57684),

Gene: Selr12_71 Start: 57375, Stop: 58070, Start Num: 40
Candidate Starts for Selr12_71:
(Start: 40 @57375 has 297 MA's), (54, 57465), (56, 57474), (57, 57480), (60, 57516), (61, 57522), (64, 57537), (70, 57591), (71, 57594), (75, 57615), (78, 57630), (80, 57651), (92, 57741), (97, 57789), (111, 57969),

Gene: Septica_69 Start: 57597, Stop: 58295, Start Num: 40
Candidate Starts for Septica_69:
(Start: 40 @57597 has 297 MA's), (54, 57687), (56, 57696), (60, 57738), (61, 57744), (64, 57759), (70, 57813), (71, 57816), (75, 57837), (78, 57852), (80, 57873), (92, 57963), (97, 58011),

Gene: Serendipitous_69 Start: 58599, Stop: 59252, Start Num: 47
Candidate Starts for Serendipitous_69:
(13, 58341), (26, 58479), (Start: 47 @58599 has 12 MA's), (61, 58722), (64, 58737), (73, 58803), (74, 58809), (77, 58827), (80, 58851), (81, 58854), (82, 58866), (89, 58923), (90, 58935), (93, 58944), (95, 58962), (100, 59070),

Gene: Serendipity_70 Start: 57791, Stop: 58498, Start Num: 40
Candidate Starts for Serendipity_70:
(Start: 40 @57791 has 297 MA's), (54, 57881), (56, 57890), (60, 57932), (61, 57938), (64, 57953), (70, 58007), (71, 58010), (75, 58031), (78, 58046), (80, 58067), (92, 58157),

Gene: Serpentine_0071 Start: 57874, Stop: 58581, Start Num: 40
Candidate Starts for Serpentine_0071:
(Start: 40 @57874 has 297 MA's), (54, 57964), (56, 57973), (57, 57979), (60, 58015), (61, 58021), (64, 58036), (70, 58090), (71, 58093), (75, 58114), (78, 58129), (80, 58150), (92, 58240), (97, 58288),

Gene: ShadowBud_71 Start: 57644, Stop: 58351, Start Num: 40
Candidate Starts for ShadowBud_71:
(Start: 40 @57644 has 297 MA's), (54, 57734), (56, 57743), (60, 57785), (61, 57791), (64, 57806), (70, 57860), (71, 57863), (75, 57884), (78, 57899), (80, 57920), (92, 58010),

Gene: Sheila_66 Start: 56718, Stop: 57425, Start Num: 40
Candidate Starts for Sheila_66:
(Start: 40 @56718 has 297 MA's), (54, 56808), (56, 56817), (60, 56859), (61, 56865), (64, 56880), (70, 56934), (71, 56937), (75, 56958), (78, 56973), (80, 56994), (92, 57084), (97, 57132), (111, 57312),

Gene: Shenyu_71 Start: 59626, Stop: 60279, Start Num: 47
Candidate Starts for Shenyu_71:
(13, 59365), (26, 59512), (Start: 47 @59626 has 12 MA's), (61, 59749), (64, 59764), (74, 59836), (77, 59854), (80, 59878), (81, 59881), (82, 59893), (89, 59950), (90, 59962), (93, 59971), (95, 59989), (100, 60097),

Gene: ShiVal_68 Start: 57343, Stop: 58050, Start Num: 40
Candidate Starts for ShiVal_68:
(Start: 40 @57343 has 297 MA's), (54, 57433), (56, 57442), (57, 57448), (60, 57484), (61, 57490), (64, 57505), (70, 57559), (71, 57562), (75, 57583), (78, 57598), (80, 57619), (92, 57709), (97, 57757), (108, 57910),

Gene: Sigman_70 Start: 57329, Stop: 58024, Start Num: 40
Candidate Starts for Sigman_70:
(Start: 40 @57329 has 297 MA's), (54, 57419), (56, 57428), (57, 57434), (60, 57470), (61, 57476), (64, 57491), (70, 57545), (71, 57548), (75, 57569), (78, 57584), (80, 57605), (92, 57695), (97, 57743), (111, 57923),

Gene: SilverBell_71 Start: 57754, Stop: 58461, Start Num: 40
Candidate Starts for SilverBell_71:

(Start: 40 @57754 has 297 MA's), (54, 57844), (56, 57853), (57, 57859), (60, 57895), (61, 57901), (64, 57916), (70, 57970), (71, 57973), (75, 57994), (78, 58009), (80, 58030), (92, 58120), (97, 58168),

Gene: Simielle_70 Start: 57300, Stop: 57995, Start Num: 40
Candidate Starts for Simielle_70:
(Start: 40 @57300 has 297 MA's), (54, 57390), (56, 57399), (57, 57405), (60, 57441), (61, 57447), (64, 57462), (70, 57516), (71, 57519), (75, 57540), (78, 57555), (80, 57576), (92, 57666), (97, 57714), (111, 57894),

Gene: SirBeauregard_71 Start: 57866, Stop: 58570, Start Num: 40
Candidate Starts for SirBeauregard_71:
(Start: 40 @57866 has 297 MA's), (54, 57956), (56, 57965), (60, 58007), (61, 58013), (64, 58028), (70, 58082), (71, 58085), (75, 58106), (78, 58121), (80, 58142), (92, 58232), (97, 58280), (111, 58460),

Gene: SirJeffery_70 Start: 59195, Stop: 59848, Start Num: 47
Candidate Starts for SirJeffery_70:
(26, 59081), (Start: 47 @59195 has 12 MA's), (61, 59318), (64, 59333), (65, 59345), (73, 59399), (74, 59405), (77, 59423), (80, 59447), (81, 59450), (89, 59519), (90, 59531), (93, 59540), (95, 59558), (100, 59666),

Gene: Skippy_72 Start: 57727, Stop: 58422, Start Num: 40
Candidate Starts for Skippy_72:
(Start: 40 @57727 has 297 MA's), (54, 57817), (56, 57826), (57, 57832), (60, 57868), (61, 57874), (64, 57889), (70, 57943), (71, 57946), (75, 57967), (78, 57982), (80, 58003), (92, 58093), (97, 58141),

Gene: Slatt_70 Start: 57602, Stop: 58309, Start Num: 40
Candidate Starts for Slatt_70:
(Start: 40 @57602 has 297 MA's), (54, 57692), (56, 57701), (57, 57707), (60, 57743), (61, 57749), (64, 57764), (70, 57818), (71, 57821), (75, 57842), (78, 57857), (80, 57878), (92, 57968),

Gene: Soile_71 Start: 57849, Stop: 58547, Start Num: 40
Candidate Starts for Soile_71:
(Start: 40 @57849 has 297 MA's), (54, 57939), (56, 57948), (57, 57954), (60, 57990), (61, 57996), (64, 58011), (70, 58065), (71, 58068), (75, 58089), (78, 58104), (80, 58125), (92, 58215), (97, 58263),

Gene: Solosis_68 Start: 57301, Stop: 58008, Start Num: 40
Candidate Starts for Solosis_68:
(Start: 40 @57301 has 297 MA's), (54, 57391), (56, 57400), (60, 57442), (61, 57448), (64, 57463), (70, 57517), (71, 57520), (75, 57541), (78, 57556), (80, 57577), (92, 57667), (97, 57715),

Gene: Sophia_68 Start: 57294, Stop: 58001, Start Num: 40
Candidate Starts for Sophia_68:
(Start: 40 @57294 has 297 MA's), (54, 57384), (56, 57393), (57, 57399), (60, 57435), (61, 57441), (64, 57456), (70, 57510), (71, 57513), (75, 57534), (78, 57549), (80, 57570), (92, 57660), (97, 57708),

Gene: Soto_67 Start: 56861, Stop: 57556, Start Num: 40
Candidate Starts for Soto_67:
(Start: 40 @56861 has 297 MA's), (54, 56951), (56, 56960), (60, 57002), (61, 57008), (64, 57023), (70, 57077), (71, 57080), (75, 57101), (78, 57116), (80, 57137), (92, 57227), (97, 57275), (111, 57455),

Gene: Spartan300_69 Start: 57570, Stop: 58265, Start Num: 40
Candidate Starts for Spartan300_69:

(Start: 40 @57570 has 297 MA's), (54, 57660), (56, 57669), (57, 57675), (60, 57711), (61, 57717), (64, 57732), (70, 57786), (71, 57789), (75, 57810), (78, 57825), (80, 57846), (92, 57936), (97, 57984), (111, 58164),

Gene: Squid_69 Start: 57594, Stop: 58292, Start Num: 40
Candidate Starts for Squid_69:
(Start: 40 @57594 has 297 MA's), (54, 57684), (56, 57693), (60, 57735), (61, 57741), (64, 57756), (70, 57810), (71, 57813), (75, 57834), (78, 57849), (80, 57870), (92, 57960),

Gene: Squiggle_69 Start: 57313, Stop: 58020, Start Num: 40
Candidate Starts for Squiggle_69:
(Start: 40 @57313 has 297 MA's), (54, 57403), (56, 57412), (57, 57418), (60, 57454), (61, 57460), (64, 57475), (70, 57529), (71, 57532), (75, 57553), (78, 57568), (80, 57589), (92, 57679), (97, 57727),

Gene: Stinger_67 Start: 58422, Stop: 59009, Start Num: 42
Candidate Starts for Stinger_67:
(1, 58029), (10, 58155), (16, 58185), (24, 58296), (Start: 42 @58422 has 28 MA's), (46, 58428), (49, 58452), (54, 58488), (55, 58491), (60, 58539), (67, 58578), (68, 58581), (71, 58617), (72, 58620), (80, 58674), (81, 58677), (95, 58785), (99, 58848), (105, 58950),

Gene: StinkyVeggy_70 Start: 59079, Stop: 59732, Start Num: 47
Candidate Starts for StinkyVeggy_70:
(13, 58800), (26, 58959), (Start: 47 @59079 has 12 MA's), (56, 59154), (61, 59202), (64, 59217), (74, 59289), (77, 59307), (80, 59331), (81, 59334), (82, 59346), (89, 59403), (90, 59415), (93, 59424), (95, 59442), (100, 59550), (109, 59616),

Gene: Struggle_70 Start: 57414, Stop: 58112, Start Num: 40
Candidate Starts for Struggle_70:
(Start: 40 @57414 has 297 MA's), (54, 57504), (56, 57513), (57, 57519), (60, 57555), (61, 57561), (64, 57576), (70, 57630), (71, 57633), (75, 57654), (78, 57669), (80, 57690), (92, 57780), (97, 57828),

Gene: Suffolk_68 Start: 57143, Stop: 57841, Start Num: 40
Candidate Starts for Suffolk_68:
(Start: 40 @57143 has 297 MA's), (54, 57233), (56, 57242), (60, 57284), (61, 57290), (64, 57305), (70, 57359), (71, 57362), (75, 57383), (78, 57398), (80, 57419), (92, 57509), (97, 57557),

Gene: Suigeneris_72 Start: 59346, Stop: 59990, Start Num: 47
Candidate Starts for Suigeneris_72:
(26, 59232), (Start: 47 @59346 has 12 MA's), (61, 59469), (64, 59484), (65, 59496), (73, 59550), (74, 59556), (77, 59574), (80, 59598), (81, 59601), (89, 59670), (90, 59682), (93, 59691), (95, 59709), (100, 59817),

Gene: Surely_70 Start: 57884, Stop: 58582, Start Num: 40
Candidate Starts for Surely_70:
(Start: 40 @57884 has 297 MA's), (54, 57974), (56, 57983), (57, 57989), (60, 58025), (61, 58031), (64, 58046), (70, 58100), (71, 58103), (75, 58124), (78, 58139), (80, 58160), (92, 58250), (97, 58298),

Gene: Swiphy_72 Start: 57855, Stop: 58562, Start Num: 40
Candidate Starts for Swiphy_72:
(Start: 40 @57855 has 297 MA's), (54, 57945), (56, 57954), (60, 57996), (61, 58002), (64, 58017), (70, 58071), (71, 58074), (75, 58095), (78, 58110), (80, 58131), (92, 58221), (97, 58269),

Gene: Swish_71 Start: 57744, Stop: 58445, Start Num: 40

Candidate Starts for Swish_71:
(Start: 40 @57744 has 297 MA's), (54, 57834), (56, 57843), (60, 57885), (61, 57891), (64, 57906), (70, 57960), (71, 57963), (75, 57984), (78, 57999), (80, 58020), (92, 58110),

Gene: TA17A_68 Start: 56048, Stop: 56698, Start Num: 43
Candidate Starts for TA17A_68:
(31, 55988), (Start: 43 @56048 has 34 MA's), (Start: 45 @56054 has 3 MA's), (50, 56099), (53, 56126), (58, 56156), (63, 56201), (65, 56216), (69, 56240), (75, 56282), (76, 56288), (77, 56294), (80, 56318), (92, 56408), (103, 56564),

Gene: TallGrassMM_69 Start: 57384, Stop: 58079, Start Num: 40
Candidate Starts for TallGrassMM_69:
(Start: 40 @57384 has 297 MA's), (54, 57474), (56, 57483), (57, 57489), (60, 57525), (61, 57531), (64, 57546), (70, 57600), (71, 57603), (75, 57624), (78, 57639), (80, 57660), (92, 57750), (97, 57798),

Gene: Taraxa_70 Start: 57213, Stop: 57911, Start Num: 40
Candidate Starts for Taraxa_70:
(Start: 40 @57213 has 297 MA's), (54, 57303), (56, 57312), (57, 57318), (60, 57354), (61, 57360), (64, 57375), (70, 57429), (71, 57432), (75, 57453), (78, 57468), (80, 57489), (92, 57579), (97, 57627),

Gene: Telesworld_68 Start: 57459, Stop: 58154, Start Num: 40
Candidate Starts for Telesworld_68:
(Start: 40 @57459 has 297 MA's), (54, 57549), (56, 57558), (57, 57564), (60, 57600), (61, 57606), (64, 57621), (70, 57675), (71, 57678), (75, 57699), (78, 57714), (80, 57735), (92, 57825), (97, 57873), (111, 58053),

Gene: Thora_69 Start: 57824, Stop: 58531, Start Num: 40
Candidate Starts for Thora_69:
(Start: 40 @57824 has 297 MA's), (54, 57914), (56, 57923), (57, 57929), (60, 57965), (61, 57971), (64, 57986), (70, 58040), (71, 58043), (75, 58064), (78, 58079), (80, 58100), (92, 58190), (97, 58238),

Gene: ThreeOh3D2_72 Start: 58001, Stop: 58708, Start Num: 40
Candidate Starts for ThreeOh3D2_72:
(Start: 40 @58001 has 297 MA's), (54, 58091), (56, 58100), (57, 58106), (60, 58142), (61, 58148), (64, 58163), (70, 58217), (71, 58220), (75, 58241), (78, 58256), (80, 58277), (92, 58367), (97, 58415),

Gene: Thunderbird_70 Start: 57567, Stop: 58274, Start Num: 40
Candidate Starts for Thunderbird_70:
(Start: 40 @57567 has 297 MA's), (54, 57657), (56, 57666), (60, 57708), (61, 57714), (64, 57729), (70, 57783), (71, 57786), (75, 57807), (78, 57822), (80, 57843), (92, 57933), (97, 57981),

Gene: Timmi_69 Start: 57341, Stop: 58048, Start Num: 40
Candidate Starts for Timmi_69:
(Start: 40 @57341 has 297 MA's), (54, 57431), (56, 57440), (60, 57482), (61, 57488), (64, 57503), (70, 57557), (71, 57560), (75, 57581), (78, 57596), (80, 57617), (92, 57707), (97, 57755),

Gene: Tinciduntsolum_67 Start: 56209, Stop: 56862, Start Num: 43
Candidate Starts for Tinciduntsolum_67:
(6, 55855), (7, 55879), (10, 55918), (31, 56149), (Start: 43 @56209 has 34 MA's), (Start: 45 @56215 has 3 MA's), (50, 56263), (53, 56290), (58, 56320), (65, 56380), (69, 56404), (75, 56446), (76, 56452), (77, 56458), (80, 56482), (92, 56572), (103, 56728),

Gene: TomBombadil_70 Start: 57868, Stop: 58575, Start Num: 40

Candidate Starts for TomBombadil_70:
(Start: 40 @57868 has 297 MA's), (54, 57958), (56, 57967), (57, 57973), (60, 58009), (61, 58015), (64, 58030), (70, 58084), (71, 58087), (75, 58108), (78, 58123), (80, 58144), (92, 58234), (97, 58282),

Gene: Tomlarah_71 Start: 58194, Stop: 58889, Start Num: 40
Candidate Starts for Tomlarah_71:
(Start: 40 @58194 has 297 MA's), (54, 58284), (56, 58293), (57, 58299), (60, 58335), (61, 58341), (64, 58356), (70, 58410), (71, 58413), (75, 58434), (78, 58449), (80, 58470), (92, 58560), (97, 58608), (111, 58788),

Gene: Toni_70 Start: 57786, Stop: 58481, Start Num: 40
Candidate Starts for Toni_70:
(Start: 40 @57786 has 297 MA's), (54, 57876), (56, 57885), (57, 57891), (60, 57927), (61, 57933), (64, 57948), (70, 58002), (71, 58005), (75, 58026), (78, 58041), (80, 58062), (92, 58152), (111, 58380),

Gene: TooFast2Furius_69 Start: 57561, Stop: 58268, Start Num: 40
Candidate Starts for TooFast2Furius_69:
(Start: 40 @57561 has 297 MA's), (54, 57651), (56, 57660), (60, 57702), (61, 57708), (64, 57723), (70, 57777), (71, 57780), (75, 57801), (78, 57816), (80, 57837), (92, 57927), (97, 57975),

Gene: Tooj_68 Start: 57011, Stop: 57709, Start Num: 40
Candidate Starts for Tooj_68:
(Start: 40 @57011 has 297 MA's), (54, 57101), (56, 57110), (60, 57152), (61, 57158), (64, 57173), (70, 57227), (71, 57230), (75, 57251), (78, 57266), (80, 57287), (92, 57377), (97, 57425),

Gene: Tres_66 Start: 56063, Stop: 56716, Start Num: 43
Candidate Starts for Tres_66:
(6, 55709), (7, 55733), (10, 55772), (31, 56003), (Start: 43 @56063 has 34 MA's), (Start: 45 @56069 has 3 MA's), (50, 56117), (53, 56144), (58, 56174), (65, 56234), (69, 56258), (75, 56300), (76, 56306), (77, 56312), (80, 56336), (92, 56426), (103, 56582),

Gene: Triad_71 Start: 57220, Stop: 57918, Start Num: 40
Candidate Starts for Triad_71:
(Start: 40 @57220 has 297 MA's), (54, 57310), (56, 57319), (60, 57361), (61, 57367), (64, 57382), (70, 57436), (71, 57439), (75, 57460), (78, 57475), (80, 57496), (92, 57586), (97, 57634),

Gene: True_68 Start: 57320, Stop: 58015, Start Num: 40
Candidate Starts for True_68:
(Start: 40 @57320 has 297 MA's), (54, 57410), (56, 57419), (57, 57425), (60, 57461), (61, 57467), (64, 57482), (70, 57536), (71, 57539), (75, 57560), (78, 57575), (80, 57596), (92, 57686), (97, 57734), (111, 57914),

Gene: Trypo_71 Start: 58035, Stop: 58742, Start Num: 40
Candidate Starts for Trypo_71:
(Start: 40 @58035 has 297 MA's), (54, 58125), (56, 58134), (57, 58140), (60, 58176), (61, 58182), (64, 58197), (70, 58251), (71, 58254), (75, 58275), (78, 58290), (80, 58311), (92, 58401), (97, 58449),

Gene: TyrionL_70 Start: 57403, Stop: 58107, Start Num: 40
Candidate Starts for TyrionL_70:
(Start: 40 @57403 has 297 MA's), (54, 57493), (56, 57502), (60, 57544), (61, 57550), (64, 57565), (70, 57619), (71, 57622), (75, 57643), (78, 57658), (80, 57679), (92, 57769), (97, 57817), (111, 57997),

Gene: UAch1_71 Start: 57725, Stop: 58423, Start Num: 40

Candidate Starts for UAch1_71:
(Start: 40 @57725 has 297 MA's), (54, 57815), (56, 57824), (57, 57830), (60, 57866), (61, 57872), (64, 57887), (70, 57941), (71, 57944), (75, 57965), (78, 57980), (80, 58001), (92, 58091), (97, 58139),

Gene: UncleHowie_67 Start: 57005, Stop: 57712, Start Num: 40
Candidate Starts for UncleHowie_67:
(Start: 40 @57005 has 297 MA's), (54, 57095), (56, 57104), (57, 57110), (60, 57146), (61, 57152), (64, 57167), (70, 57221), (71, 57224), (75, 57245), (78, 57260), (80, 57281), (92, 57371), (97, 57419),

Gene: Usavi_71 Start: 58009, Stop: 58716, Start Num: 40
Candidate Starts for Usavi_71:
(Start: 40 @58009 has 297 MA's), (54, 58099), (56, 58108), (60, 58150), (61, 58156), (64, 58171), (70, 58225), (71, 58228), (75, 58249), (78, 58264), (80, 58285), (92, 58375), (97, 58423),

Gene: Vaishali24_71 Start: 57680, Stop: 58378, Start Num: 40
Candidate Starts for Vaishali24_71:
(Start: 40 @57680 has 297 MA's), (54, 57770), (56, 57779), (60, 57821), (61, 57827), (64, 57842), (70, 57896), (71, 57899), (75, 57920), (78, 57935), (80, 57956), (92, 58046), (97, 58094),

Gene: Valjean_69 Start: 57580, Stop: 58275, Start Num: 40
Candidate Starts for Valjean_69:
(Start: 40 @57580 has 297 MA's), (54, 57670), (56, 57679), (57, 57685), (60, 57721), (61, 57727), (64, 57742), (70, 57796), (71, 57799), (75, 57820), (78, 57835), (80, 57856), (92, 57946), (97, 57994), (111, 58174),

Gene: Vaticameos_67 Start: 55884, Stop: 56579, Start Num: 40
Candidate Starts for Vaticameos_67:
(Start: 40 @55884 has 297 MA's), (54, 55974), (56, 55983), (57, 55989), (60, 56025), (61, 56031), (64, 56046), (70, 56100), (71, 56103), (75, 56124), (78, 56139), (80, 56160), (92, 56250), (97, 56298), (111, 56478),

Gene: Vectra_69 Start: 57470, Stop: 58168, Start Num: 40
Candidate Starts for Vectra_69:
(Start: 40 @57470 has 297 MA's), (54, 57560), (56, 57569), (57, 57575), (60, 57611), (61, 57617), (64, 57632), (70, 57686), (71, 57689), (75, 57710), (78, 57725), (80, 57746), (92, 57836), (97, 57884),

Gene: Veritas_69 Start: 57482, Stop: 58189, Start Num: 40
Candidate Starts for Veritas_69:
(Start: 40 @57482 has 297 MA's), (54, 57572), (56, 57581), (57, 57587), (60, 57623), (61, 57629), (64, 57644), (70, 57698), (71, 57701), (75, 57722), (78, 57737), (80, 57758), (92, 57848), (97, 57896),

Gene: Vic9_00065 Start: 56894, Stop: 57553, Start Num: 43
Candidate Starts for Vic9_00065:
(31, 56834), (Start: 43 @56894 has 34 MA's), (Start: 45 @56900 has 3 MA's), (50, 56954), (53, 56981), (58, 57011), (63, 57056), (65, 57071), (69, 57095), (75, 57137), (76, 57143), (77, 57149), (80, 57173), (92, 57263), (103, 57419),

Gene: Vincenzo_70 Start: 60825, Stop: 61445, Start Num: 38
Candidate Starts for Vincenzo_70:
(5, 60477), (14, 60576), (15, 60582), (19, 60621), (Start: 38 @60825 has 2 MA's), (55, 60921), (59, 60957), (60, 60969), (62, 60981), (71, 61047), (72, 61050), (80, 61104), (81, 61107), (85, 61137), (95, 61215), (99, 61278), (105, 61380),

Gene: VioletZ_69 Start: 59597, Stop: 60184, Start Num: 42
Candidate Starts for VioletZ_69:
(Start: 42 @59597 has 28 MA's), (49, 59627), (54, 59663), (55, 59666), (59, 59702), (67, 59753), (71, 59792), (72, 59795), (80, 59849), (81, 59852), (86, 59885), (87, 59894), (88, 59915), (95, 59960), (99, 60023),

Gene: Virapocalypse_71 Start: 57679, Stop: 58374, Start Num: 40
Candidate Starts for Virapocalypse_71:
(Start: 40 @57679 has 297 MA's), (54, 57769), (56, 57778), (57, 57784), (60, 57820), (61, 57826), (64, 57841), (70, 57895), (71, 57898), (75, 57919), (78, 57934), (80, 57955), (92, 58045), (97, 58093), (111, 58273),

Gene: Virgeve_68 Start: 57284, Stop: 57991, Start Num: 40
Candidate Starts for Virgeve_68:
(Start: 40 @57284 has 297 MA's), (54, 57374), (56, 57383), (57, 57389), (60, 57425), (61, 57431), (64, 57446), (70, 57500), (71, 57503), (75, 57524), (78, 57539), (80, 57560), (92, 57650), (97, 57698),

Gene: Vista_69 Start: 57480, Stop: 58187, Start Num: 40
Candidate Starts for Vista_69:
(Start: 40 @57480 has 297 MA's), (54, 57570), (56, 57579), (57, 57585), (60, 57621), (61, 57627), (64, 57642), (70, 57696), (71, 57699), (75, 57720), (78, 57735), (80, 57756), (92, 57846), (97, 57894),

Gene: Vivaldi_70 Start: 57767, Stop: 58474, Start Num: 40
Candidate Starts for Vivaldi_70:
(Start: 40 @57767 has 297 MA's), (54, 57857), (56, 57866), (57, 57872), (60, 57908), (61, 57914), (64, 57929), (70, 57983), (71, 57986), (75, 58007), (78, 58022), (80, 58043), (92, 58133), (97, 58181), (108, 58334),

Gene: Vortex_69 Start: 57590, Stop: 58297, Start Num: 40
Candidate Starts for Vortex_69:
(Start: 40 @57590 has 297 MA's), (54, 57680), (56, 57689), (57, 57695), (60, 57731), (61, 57737), (64, 57752), (70, 57806), (71, 57809), (75, 57830), (78, 57845), (80, 57866), (92, 57956), (97, 58004),

Gene: Wallhey_71 Start: 57587, Stop: 58294, Start Num: 40
Candidate Starts for Wallhey_71:
(Start: 40 @57587 has 297 MA's), (54, 57677), (56, 57686), (57, 57692), (60, 57728), (61, 57734), (64, 57749), (70, 57803), (71, 57806), (75, 57827), (78, 57842), (80, 57863), (92, 57953), (97, 58001),

Gene: Waterdiva_71 Start: 57857, Stop: 58564, Start Num: 40
Candidate Starts for Waterdiva_71:
(Start: 40 @57857 has 297 MA's), (54, 57947), (56, 57956), (57, 57962), (60, 57998), (61, 58004), (64, 58019), (70, 58073), (71, 58076), (75, 58097), (78, 58112), (80, 58133), (92, 58223), (97, 58271),

Gene: Weher20_67 Start: 57925, Stop: 58632, Start Num: 40
Candidate Starts for Weher20_67:
(Start: 40 @57925 has 297 MA's), (54, 58015), (56, 58024), (57, 58030), (60, 58066), (61, 58072), (64, 58087), (70, 58141), (71, 58144), (75, 58165), (78, 58180), (80, 58201), (92, 58291), (97, 58339),

Gene: West99_66 Start: 56236, Stop: 56889, Start Num: 43
Candidate Starts for West99_66:
(6, 55882), (7, 55906), (10, 55945), (31, 56176), (Start: 43 @56236 has 34 MA's), (Start: 45 @56242 has 3 MA's), (50, 56290), (53, 56317), (58, 56347), (65, 56407), (69, 56431), (75, 56473), (76, 56479), (77, 56485), (80, 56509), (92, 56599), (103, 56755),

Gene: Windsor_70 Start: 57870, Stop: 58577, Start Num: 40
Candidate Starts for Windsor_70:
(Start: 40 @57870 has 297 MA's), (54, 57960), (56, 57969), (60, 58011), (61, 58017), (64, 58032), (70, 58086), (71, 58089), (75, 58110), (78, 58125), (80, 58146), (92, 58236), (97, 58284),

Gene: Xavier_70 Start: 57485, Stop: 58189, Start Num: 40
Candidate Starts for Xavier_70:
(Start: 40 @57485 has 297 MA's), (54, 57575), (56, 57584), (57, 57590), (60, 57626), (61, 57632), (64, 57647), (70, 57701), (71, 57704), (75, 57725), (78, 57740), (80, 57761), (92, 57851), (97, 57899), (111, 58079),

Gene: Xincheng_67 Start: 60697, Stop: 61287, Start Num: 42
Candidate Starts for Xincheng_67:
(23, 60562), (24, 60571), (Start: 42 @60697 has 28 MA's), (49, 60727), (54, 60763), (55, 60766), (59, 60802), (60, 60814), (67, 60853), (71, 60892), (72, 60895), (80, 60949), (81, 60952), (94, 61051), (95, 61060), (99, 61123), (105, 61225),

Gene: Yoshand_71 Start: 57757, Stop: 58455, Start Num: 40
Candidate Starts for Yoshand_71:
(Start: 40 @57757 has 297 MA's), (54, 57847), (56, 57856), (60, 57898), (61, 57904), (64, 57919), (70, 57973), (71, 57976), (75, 57997), (78, 58012), (80, 58033), (92, 58123), (97, 58171), (108, 58324),

Gene: YouGoGlencoco_70 Start: 57595, Stop: 58302, Start Num: 40
Candidate Starts for YouGoGlencoco_70:
(Start: 40 @57595 has 297 MA's), (54, 57685), (56, 57694), (57, 57700), (60, 57736), (61, 57742), (64, 57757), (70, 57811), (71, 57814), (75, 57835), (78, 57850), (80, 57871), (92, 57961), (97, 58009),

Gene: Zaider_71 Start: 57820, Stop: 58515, Start Num: 40
Candidate Starts for Zaider_71:
(Start: 40 @57820 has 297 MA's), (54, 57910), (56, 57919), (57, 57925), (60, 57961), (61, 57967), (64, 57982), (70, 58036), (71, 58039), (75, 58060), (78, 58075), (80, 58096), (92, 58186), (97, 58234), (111, 58414),

Gene: Zelda_70 Start: 57935, Stop: 58642, Start Num: 40
Candidate Starts for Zelda_70:
(Start: 40 @57935 has 297 MA's), (54, 58025), (56, 58034), (57, 58040), (60, 58076), (61, 58082), (64, 58097), (70, 58151), (71, 58154), (75, 58175), (78, 58190), (80, 58211), (92, 58301), (97, 58349),

Gene: Zemanar_67 Start: 59384, Stop: 59971, Start Num: 42
Candidate Starts for Zemanar_67:
(23, 59249), (24, 59258), (Start: 42 @59384 has 28 MA's), (54, 59450), (55, 59453), (59, 59489), (67, 59540), (71, 59579), (72, 59582), (80, 59636), (81, 59639), (94, 59738), (95, 59747), (99, 59810), (105, 59912),

Gene: Zenteno07_78 Start: 59839, Stop: 60786, Start Num: 34
Candidate Starts for Zenteno07_78:
(2, 59476), (Start: 34 @59839 has 3 MA's), (Start: 40 @59854 has 297 MA's), (54, 59941), (56, 59950), (62, 60004), (69, 60049), (77, 60103), (79, 60118), (80, 60127), (92, 60217), (113, 60520),

Gene: Zonia_71 Start: 58038, Stop: 58745, Start Num: 40
Candidate Starts for Zonia_71:

(Start: 40 @58038 has 297 MA's), (54, 58128), (56, 58137), (57, 58143), (60, 58179), (61, 58185), (64, 58200), (70, 58254), (71, 58257), (75, 58278), (78, 58293), (80, 58314), (92, 58404), (97, 58452),