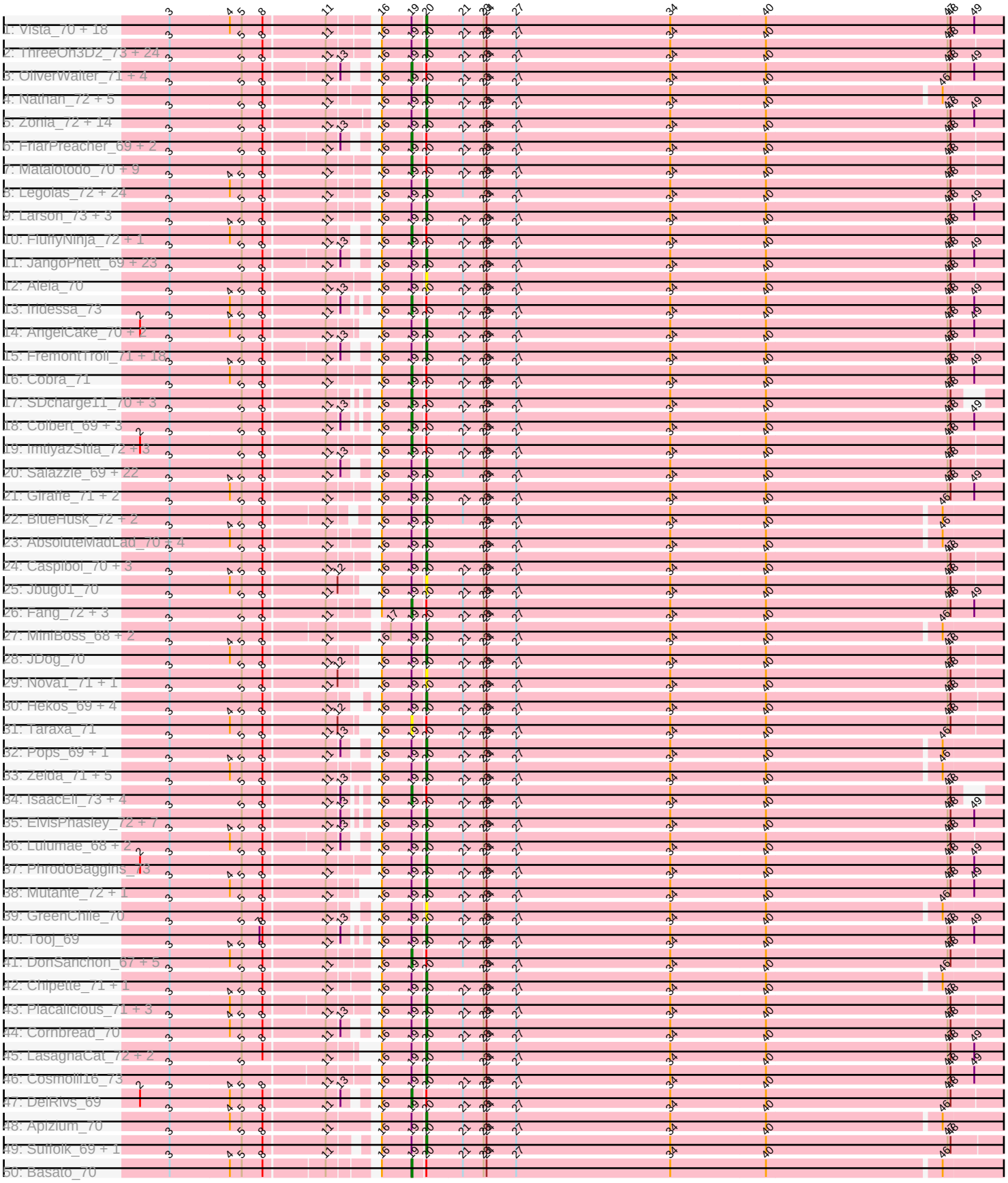
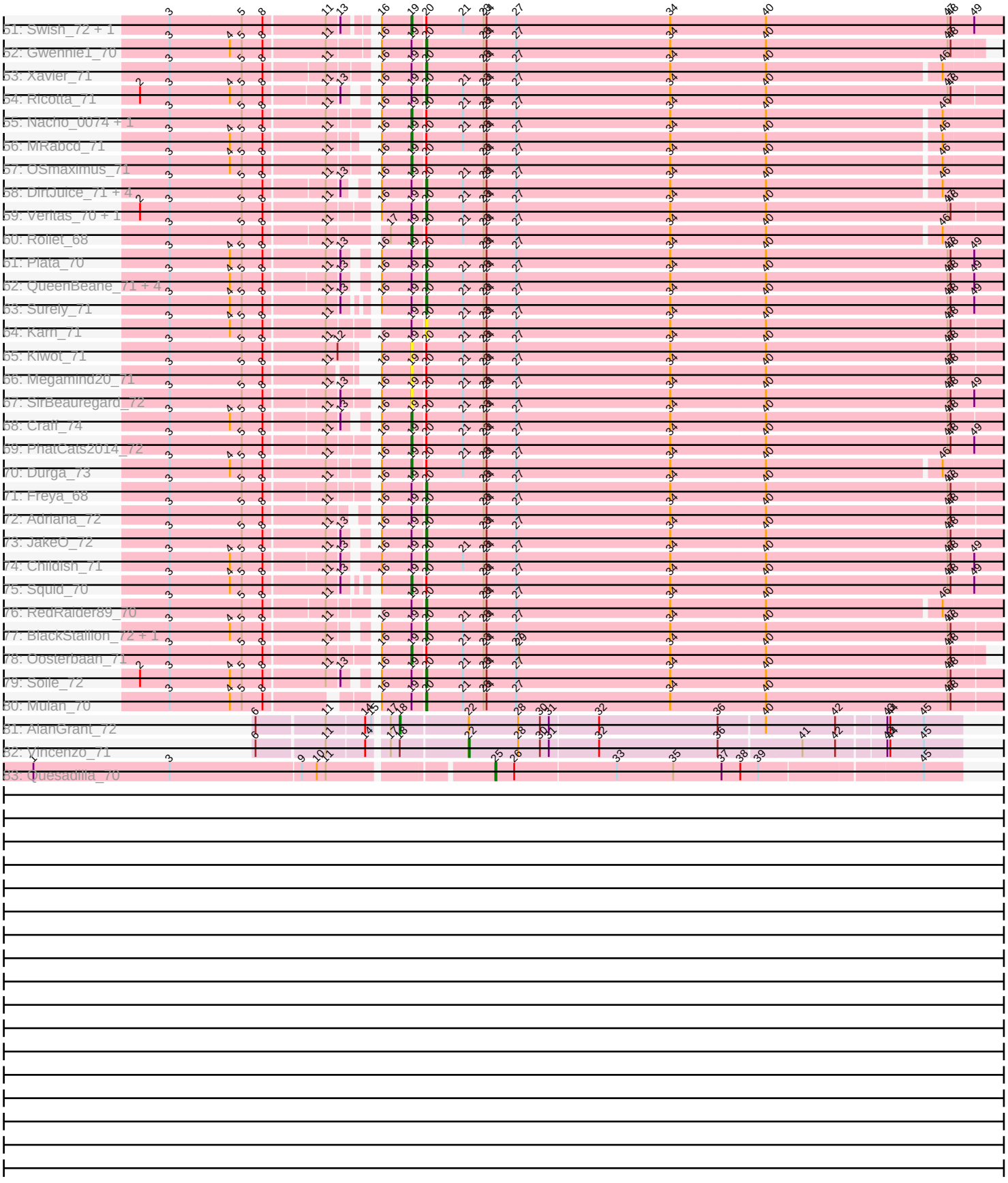
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1: Vista_70 + 18
2: ThreeOh3D2_73 + 24
3: OliverWalter_71 + 4
4: Nathan_72 + 5
5: Zonia_72 + 14
6: FriarPreacher_69 + 2
7: Matalotodo_70 + 9
8: Legolas_72 + 24
9: Larson_73 + 3
10: FluffyNinja_72 + 1
11: JangoPhett_69 + 23
12: Alela_70
13: Indessa_73
14: AngelCake_70 + 2
15: FremontTroll_71 + 18
16: Cobra_71
17: SDcharge11_70 + 3
18: Colbert_69 + 3
19: ImtiyazSitta_72 + 3
20: Salazzle_69 + 22
21: Giraffe_71 + 2
22: BlueHusk_72 + 2
23: AbsoluteMadLad_70 + 4
24: Caspibot_70 + 3
25: Jbug01_70
26: Fang_72 + 3
27: MiniBoss_68 + 2
28: JDog_70
29: Nova1_71 + 1
30: Hekos_69 + 4
31: Taraxa_71
32: Pops_69 + 1
33: Zelda_71 + 5
34: IsaacEli_73 + 4
35: ElvisPhasley_72 + 7
36: Lulumae_68 + 2
37: PhrodoBaggins_73
38: Mutante_72 + 1
39: GreenChile_70
40: Tooj_69
41: DonSanchon_67 + 5
42: Chipette_71 + 1
43: Placalicious_71 + 3
44: Cornbread_70
45: LasagnaCat_72 + 2
46: Cosmolli16_73
47: DelRivs_69
48: Apizium_70
49: Suffolk_69 + 1
50: Basato_70

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51: Swish_72 + 1
52: Gwennie1_70
53: Xavier_71
54: Ricotta_71
55: Nacho_0074 + 1
56: MRabcd_71
57: OSmaximus_71
58: DirtJuice_71 + 4
59: Veritas_70 + 1
60: Rollet_68
61: Plata_70
62: QueenBeane_71 + 4
63: Surely_71
64: Kam_71
65: Kiwot_71
66: Megamind20_71
67: SirBeauregard_72
68: Craft_74
69: PhatCats2014_72
70: Durga_73
71: Freya_68
72: Adriana_72
73: JakeO_72
74: Childish_71
75: Squid_70
76: RedRaider89_70
77: BlackStallion_72 + 1
78: Oosterbaan_71
79: Solle_72
80: Mulan_70
81: AlanGrant_72
82: Vincenzo_71
83: Quesadilla_70

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 347149 Report

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

Pham number 347149 has 326 members, 26 are drafts.

Phages represented in each track:
• Track 1 : Vista_70, Weher20_68, TomBombadil_71, PhatLouie_73, Brilliant_74, HenryJackson_72, Haimas_69, Gareth_71, Sophia_69, Pipsqueak_68, Kahve_72, PinheadLarry_70, Swiphy_73, Happabalu_69, SassyCat97_69, Kwadwo_70, Etaye_70, YouGoGlencoco_71, KingTut_62
• Track 2 : ThreeOh3D2_73, Khan1_70, Aonishiki_72, Badfish_72, SilverBell_72, Eugenia_72, Thunderbird_71, Lulwa_69, Vivaldi_71, Quisquiliae_73, Katniss_73, Altwerkus_70, Orion_71, PG1_71, Hocus_69, Buckeye_71, LeiMonet_74, Maru_71, Cher_71, ShadowBud_72, Slatt_71, Rimu_71, Pinkman_71, MelsMeow_70, UncleHowie_68
• Track 3 : OliverWalter_71, ABU_70, Banjo_69, Telesworld_69, Lego3393_69
• Track 4 : Nathan_72, Emiris_72, KLucky39_69, DolOn_75, Dingo_68, Crownjwl_69
• Track 5 : Zonia_72, Dati_68, HogWash_71, Orwigg_70, Phergie_71, Megatron_72, Charles1_72, Gwilliam_72, PhenghisKhan_71, Hertubise_71, Thora_70, Morty_72, ShiVal_69, Hartsy_70, Wallhey_72
• Track 6 : FriarPreacher_69, NiaNia_72, EmpTee_70
• Track 7 : Matalotodo_70, Scoot17C_72, Serpentine_0072, Numberten_70, Gyarad_0070, Waterdiva_72, Virgeve_69, Piglet_0072, Scrick_70, Phipps_71
• Track 8 : Legolas_72, LemonSlice_71, Fringe_75, LeeLot_70, Phareon_69, Serendipity_71, Andre_73, Mosaic_69, Morgushi_69, HighStump_72, Murdoc_68, Doddsville_69, Vortex_70, Jillium_72, Mana_70, Harvey_68, Timmi_70, Squiggle_70, BlacksBerry_72, Mesh1_72, MrPhizzler_74, LostAndPhound_70, MitKao_71, Potter_68, Podrick_70
• Track 9 : Larson_73, Windsor_71, Flake_70, Chaelin_72
• Track 10 : FluffyNinja_72, Yoshand_72
• Track 11 : JangoPhett_69, Beaglebox_69, Daka_73, FleetyMac_71, LuckyMarjie_68, HSavage_69, Spartan300_70, Bishoperium_71, JacAttac_71, True_69, Dione_69, ProfessorX_69, Phunky_69, Riggan_72, Olak_71, Lumine_72, Bluephacebaby_70, DoesntMatter_68, Mcshane_70, Vaticameos_68, Prickles_72, Sigman_71, Orfeu_70, Virapocalypse_72
• Track 12 : Aleia_70
• Track 13 : Iridessa_73
• Track 14 : AngelCake_70, Chuni_74, Inchworm_72
• Track 15 : FremontTroll_71, Toni_71, Simielle_71, Nyala_70, Dice_70, CheetO_70, Iridoclysis_70, Nicole21_72, Plmatters_69, Mesmerelda_70, Puhltonio_69, Selr12_72, Pacifista_70, Gophee_72, Tomlarah_72, Kimbrough_72, Burr_71, BoogieWoogie_73, Phamished_72
• Track 16 : Cobra_71

• Track 17 : SDcharge11_70, Inverness_69, Newman_69, Chunky_71
• Track 18 : Colbert_69, Lopsy_68, CharlieGBrown_69, Manad_70
• Track 19 : ImtiyazSitla_72, Ashraf_72, Maskar_72, Kwksand96_72
• Track 20 : Salazzle_69, Mag7_69, Aelin_70, Robyn_72, Jiraiya_72, CampRoach_72, Triad_72, FugateOSU_71, Duggie_71, Kloppinator_71, Azuria_69, KlimbOn_70, Carthage_71, Phleuron_69, MichaelPhcott_69, GeneCoco_72, Chute_71, Septica_70, Vaishali24_72, Struggle_71, Magic8_70, Oline_70, BatteryCK_69
• Track 21 : Giraffe_71, Solosis_69, RedMaple_71
• Track 22 : BlueHusk_72, Soto_68, AltPhacts_69
• Track 23 : AbsoluteMadLad_70, Fozzie_69, Riverton_70, Eremos_70, Horchata_68
• Track 24 : Caspiboi_70, Keitherie_74, Grand2040_69, DuchessDung_70
• Track 25 : Jbug01_70
• Track 26 : Fang_72, PhrankReynolds_70, Chah_73, TooFast2Furius_70
• Track 27 : MiniBoss_68, Mikota_68, Sheila_67
• Track 28 : JDog_70
• Track 29 : Nova1_71, Vectra_70
• Track 30 : Hekos_69, TallGrassMM_70, Cannibal_72, Anderson_73, Skippy_73
• Track 31 : Taraxa_71
• Track 32 : Pops_69, Jiminy_71
• Track 33 : Zelda_71, Boehler_70, Trypo_72, Longacauda_72, Roscoe_71, Held_69
• Track 34 : IsaacEli_73, Hetaeria_71, Kikipoo_73, Kailash_69, UAch1_72
• Track 35 : ElvisPhasley_72, EmGer13_71, Frankicide_70, Coletti_74, Antonia_70, Cornobble_69, Schadenfreude_71, Hamish_68
• Track 36 : Lulumae_68, OneBrain_74, Roy17_69
• Track 37 : PhrodoBaggins_73
• Track 38 : Mutante_72, PallasAthena_72
• Track 39 : GreenChile_70
• Track 40 : Tooj_69
• Track 41 : DonSanchon_67, Chorkpop_72, Melc17_68, Daffy_70, Haleema_70, Lasso_70
• Track 42 : Chipette_71, Usavi_72
• Track 43 : Placalicious_71, Labeouficaum_71, TyrionL_71, Derpp_71
• Track 44 : Cornbread_70
• Track 45 : LasagnaCat_72, Jesabah_73, Schueller_69
• Track 46 : Cosmolli16_73
• Track 47 : DelRivs_69
• Track 48 : Apizium_70
• Track 49 : Suffolk_69, Lehmann_73
• Track 50 : Basato_70
• Track 51 : Swish_72, SallyH_73
• Track 52 : Gwennie1_70
• Track 53 : Xavier_71
• Track 54 : Ricotta_71
• Track 55 : Nacho_0074, KingVeVeVe_69
• Track 56 : MRabcd_71
• Track 57 : OSmaximus_71
• Track 58 : DirtJuice_71, Zaider_72, Mecca_71, Valjean_70, Omniscient_72
• Track 59 : Veritas_70, Nehme_68
• Track 60 : Roliet_68
• Track 61 : Plata_70
• Track 62 : QueenBeane_71, DaddyDaniels_74, CamL_71, Samaymay_71, Olive_69
• Track 63 : Surely_71

• Track 64 : Karn_71
• Track 65 : Kiwot_71
• Track 66 : Megamind20_71
• Track 67 : SirBeauregard_72
• Track 68 : Craff_74
• Track 69 : PhatCats2014_72
• Track 70 : Durga_73
• Track 71 : Freya_68
• Track 72 : Adriana_72
• Track 73 : JakeO_72
• Track 74 : Childish_71
• Track 75 : Squid_70
• Track 76 : RedRaider89_70
• Track 77 : BlackStallion_72, Pherdinand_72
• Track 78 : Oosterbaan_71
• Track 79 : Soile_72
• Track 80 : Mulan_70
• Track 81 : AlanGrant_72
• Track 82 : Vincenzo_71
• Track 83 : Quesadilla_70

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

The start number called the most often in the published annotations is 20, it was called in 236 of the 300 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AbsoluteMadLad_70, Adriana_72, Aelin_70, Aleia_70, AltPhacts_69, Altwerkus_70, Anderson_73, Andre_73, AngelCake_70, Antonia_70, Aonishiki_72, Apizium_70, Azuria_69, Badfish_72, BatteryCK_69, Beaglebox_69, Bishoperium_71, BlackStallion_72, BlacksBerry_72, BlueHusk_72, Bluephacebaby_70, Boehler_70, BoogieWoogie_73, Brilliant_74, Buckeye_71, Burr_71, CamL_71, CampRoach_72, Cannibal_72, Carthage_71, Caspiboi_70, Chaelin_72, Charles1_72, CheetO_70, Cher_71, Childish_71, Chipette_71, Chuni_74, Chute_71, Coletti_74, Cornbread_70, Cornobble_69, Cosmolli16_73, Crownjwl_69, DaddyDaniels_74, Daka_73, Dati_68, Derpp_71, Dice_70, Dingo_68, Dione_69, DirtJuice_71, Doddsville_69, DoesntMatter_68, DolOn_75, DuchessDung_70, Duggie_71, ElvisPhasley_72, EmGer13_71, Emiris_72, Eremos_70, Etaye_70, Eugenia_72, Flake_70, FleetyMac_71, Fozzie_69, Frankicide_70, FremontTroll_71, Freya_68, Fringe_75, FugateOSU_71, Gareth_71, GeneCoco_72, Giraffe_71, Gophee_72, Grand2040_69, GreenChile_70, Gwennie1_70, Gwilliam_72, HSavage_69, Haimas_69, Hamish_68, Happabalu_69, Hartsy_70, Harvey_68, Hekos_69, Held_69, HenryJackson_72, Hertubise_71, HighStump_72, Hocus_69, HogWash_71, Horchata_68, Inchworm_72, Iridoclysis_70, JDog_70, JacAttac_71, JakeO_72, JangoPhett_69, Jbug01_70, Jesabah_73, Jillium_72, Jiminy_71, Jiraiya_72, KLucky39_69, Kahve_72, Karn_71, Katniss_73, Keitherie_74, Khan1_70, Kimbrough_72, KingTut_62, KlimbOn_70, Kloppinator_71, Kwadwo_70, Labeouficaum_71, Larson_73, LasagnaCat_72, LeeLot_70, Legolas_72, Lehmann_73, LeiMonet_74, LemonSlice_71, Longacauda_72, LostAndPhound_70, LuckyMarjie_68, Lulumae_68, Lulwa_69, Lumine_72, Mag7_69, Magic8_70, Mana_70, Maru_71, Mcshane_70, Mecca_71,

Megatron_72, MelsMeow_70, Mesh1_72, Mesmerelda_70, MichaelPhcott_69, Mikota_68, MiniBoss_68, MitKao_71, Morgushi_69, Morty_72, Mosaic_69, MrPhizzler_74, Mulan_70, Murdoc_68, Mutante_72, Nathan_72, Nehme_68, Nicole21_72, Nova1_71, Nyala_70, Olak_71, Oline_70, Olive_69, Omniscient_72, OneBrain_74, Orfeu_70, Orion_71, Orwigg_70, PG1_71, Pacifista_70, PallasAthena_72, Phamished_72, Phareon_69, PhatLouie_73, PhenghisKhan_71, Pherdinand_72, Phergie_71, Phleuron_69, PhrodoBaggins_73, Phunky_69, PinheadLarry_70, Pinkman_71, Pipsqueak_68, Placalicious_71, Plata_70, Plmatters_69, Podrick_70, Pops_69, Potter_68, Prickles_72, ProfessorX_69, Puhltonio_69, QueenBeane_71, Quisquiliae_73, RedMaple_71, RedRaider89_70, Ricotta_71, Riggan_72, Rimu_71, Riverton_70, Robyn_72, Roscoe_71, Roy17_69, Salazzle_69, Samaymay_71, SassyCat97_69, Schadenfreude_71, Schueller_69, Selr12_72, Septica_70, Serendipity_71, ShadowBud_72, Sheila_67, ShiVal_69, Sigman_71, SilverBell_72, Simielle_71, Skippy_73, Slatt_71, Soile_72, Solosis_69, Sophia_69, Soto_68, Spartan300_70, Squiggle_70, Struggle_71, Suffolk_69, Surely_71, Swiphy_73, TallGrassMM_70, Thora_70, ThreeOh3D2_73, Thunderbird_71, Timmi_70, TomBombadil_71, Tomlarah_72, Toni_71, Tooj_69, Triad_72, True_69, Trypo_72, TyrionL_71, UncleHowie_68, Usavi_72, Vaishali24_72, Valjean_70, Vaticameos_68, Vectra_70, Veritas_70, Virapocalypse_72, Vista_70, Vivaldi_71, Vortex_70, Wallhey_72, Weher20_68, Windsor_71, Xavier_71, YouGoGlencoco_71, Zaider_72, Zelda_71, Zonia_72,

Genes that have the "Most Annotated" start but do not call it:
• ABU_70, Ashraf_72, Banjo_69, Basato_70, Chah_73, CharlieGBrown_69, Chorkpop_72, Chunky_71, Cobra_71, Colbert_69, Craff_74, Daffy_70, DelRivs_69, DonSanchon_67, Durga_73, EmpTee_70, Fang_72, FluffyNinja_72, FriarPreacher_69, Gyarad_0070, Haleema_70, Hetaeria_71, ImtiyazSitla_72, Inverness_69, Iridessa_73, IsaacEli_73, Kailash_69, Kikipoo_73, KingVeVeVe_69, Kiwot_71, Kwksand96_72, Lasso_70, Lego3393_69, Lopsy_68, MRabcd_71, Manad_70, Maskar_72, Matalotodo_70, Megamind20_71, Melc17_68, Nacho_0074, Newman_69, NiaNia_72, Numberten_70, OSmaximus_71, OliverWalter_71, Oosterbaan_71, PhatCats2014_72, Phipps_71, PhrankReynolds_70, Piglet_0072, Roliet_68, SDcharge11_70, SallyH_73, Scoot17C_72, Scrick_70, Serpentine_0072, SirBeauregard_72, Squid_70, Swish_72, Taraxa_71, Telesworld_69, TooFast2Furius_70, UAch1_72, Virgeve_69, Waterdiva_72, Yoshand_72,

Genes that do not have the "Most Annotated" start:
• AlanGrant_72, Quesadilla_70, Vincenzo_71,

Summary by start number:

Start 18:
• Found in 2 of 326 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 300
• Called 50.0% of time when present
• Phage (with cluster) where this start called: AlanGrant_72 (B4),

Start 19:
• Found in 323 of 326 (99.1%) of genes in pham
• Manual Annotations of this start: 61 of 300
• Called 20.7% of time when present
• Phage (with cluster) where this start called: ABU_70 (B1), Ashraf_72 (B1), Banjo_69 (B1), Basato_70 (B1), Chah_73 (B1), CharlieGBrown_69 (B1), Chorkpop_72 (B1),

Chunky_71 (B1), Cobra_71 (B1), Colbert_69 (B1), Craff_74 (B1), Daffy_70 (B1), DelRivs_69 (B1), DonSanchon_67 (B1), Durga_73 (B1), EmpTee_70 (B1), Fang_72 (B1), FluffyNinja_72 (B1), FriarPreacher_69 (B1), Gyarad_0070 (B1), Haleema_70 (B1), Hetaeria_71 (B1), ImtiyazSitla_72 (B1), Inverness_69 (B1), Iridessa_73 (B1), IsaacEli_73 (B1), Kailash_69 (B1), Kikipoo_73 (B1), KingVeVeVe_69 (B1), Kiwot_71 (B1), Kwksand96_72 (B1), Lasso_70 (B1), Lego3393_69 (B1), Lopsy_68 (B1), MRabcd_71 (B1), Manad_70 (B1), Maskar_72 (B1), Matalotodo_70 (B1), Megamind20_71 (B1), Melc17_68 (B1), Nacho_0074 (B1), Newman_69 (B1), NiaNia_72 (B1), Numberten_70 (B1), OSmaximus_71 (B1), OliverWalter_71 (B1), Oosterbaan_71 (B1), PhatCats2014_72 (B1), Phipps_71 (B1), PhrankReynolds_70 (B1), Piglet_0072 (B1), Roliet_68 (B1), SDcharge11_70 (B1), SallyH_73 (B1), Scoot17C_72 (B1), Scrick_70 (B1), Serpentine_0072 (B1), SirBeauregard_72 (B1), Squid_70 (B1), Swish_72 (B1), Taraxa_71 (B1), Telesworld_69 (B1), TooFast2Furius_70 (B1), UAch1_72 (B1), Virgeve_69 (B1), Waterdiva_72 (B1), Yoshand_72 (B1),

Start 20:
• Found in 323 of 326 (99.1%) of genes in pham
• Manual Annotations of this start: 236 of 300
• Called 79.3% of time when present
• Phage (with cluster) where this start called: AbsoluteMadLad_70 (B1), Adriana_72 (B1), Aelin_70 (B1), Aleia_70 (B1), AltPhacts_69 (B1), Altwerkus_70 (B1), Anderson_73 (B1), Andre_73 (B1), AngelCake_70 (B1), Antonia_70 (B1), Aonishiki_72 (B1), Apizium_70 (B1), Azuria_69 (B1), Badfish_72 (B1), BatteryCK_69 (B1), Beaglebox_69 (B1), Bishoperium_71 (B1), BlackStallion_72 (B1), BlacksBerry_72 (B1), BlueHusk_72 (B1), Bluephacebaby_70 (B1), Boehler_70 (B1), BoogieWoogie_73 (B1), Brilliant_74 (B1), Buckeye_71 (B1), Burr_71 (B1), CamL_71 (B1), CampRoach_72 (B1), Cannibal_72 (B1), Carthage_71 (B1), Caspiboi_70 (B1), Chaelin_72 (B1), Charles1_72 (B1), CheetO_70 (B1), Cher_71 (B1), Childish_71 (B1), Chipette_71 (B1), Chuni_74 (B1), Chute_71 (B1), Coletti_74 (B1), Cornbread_70 (B1), Cornobble_69 (B1), Cosmolli16_73 (B1), Crownjwl_69 (B1), DaddyDaniels_74 (B1), Daka_73 (B1), Dati_68 (B1), Derpp_71 (B1), Dice_70 (B1), Dingo_68 (B1), Dione_69 (B1), DirtJuice_71 (B1), Doddsville_69 (B1), DoesntMatter_68 (B1), DolOn_75 (B1), DuchessDung_70 (B1), Duggie_71 (B1), ElvisPhasley_72 (B1), EmGer13_71 (B1), Emiris_72 (B1), Eremos_70 (B1), Etaye_70 (B1), Eugenia_72 (B1), Flake_70 (B1), FleetyMac_71 (B1), Fozzie_69 (B1), Frankicide_70 (B1), FremontTroll_71 (B1), Freya_68 (B1), Fringe_75 (B1), FugateOSU_71 (B1), Gareth_71 (B1), GeneCoco_72 (B1), Giraffe_71 (B1), Gophee_72 (B1), Grand2040_69 (B1), GreenChile_70 (B1), Gwennie1_70 (B1), Gwilliam_72 (B1), HSavage_69 (B1), Haimas_69 (B1), Hamish_68 (B1), Happabalu_69 (B1), Hartsy_70 (B1), Harvey_68 (B1), Hekos_69 (B1), Held_69 (B1), HenryJackson_72 (B1), Hertubise_71 (B1), HighStump_72 (B1), Hocus_69 (B1), HogWash_71 (B1), Horchata_68 (B1), Inchworm_72 (B1), Iridoclysis_70 (B1), JDog_70 (B1), JacAttac_71 (B1), JakeO_72 (B1), JangoPhett_69 (B1), Jbug01_70 (B1), Jesabah_73 (B1), Jillium_72 (B1), Jiminy_71 (B1), Jiraiya_72 (B1), KLucky39_69 (B1), Kahve_72 (B1), Karn_71 (B1), Katniss_73 (B1), Keitherie_74 (B1), Khan1_70 (B1), Kimbrough_72 (B1), KingTut_62 (B1), KlimbOn_70 (B1), Kloppinator_71 (B1), Kwadwo_70 (B1), Labeouficaum_71 (B1), Larson_73 (B1), LasagnaCat_72 (B1), LeeLot_70 (B1), Legolas_72 (B1), Lehmann_73 (B1), LeiMonet_74 (B1), LemonSlice_71 (B1), Longacauda_72 (B1), LostAndPhound_70 (B1), LuckyMarjie_68 (B1), Lulumae_68 (B1), Lulwa_69 (B1), Lumine_72 (B1), Mag7_69 (B1), Magic8_70 (B1), Mana_70 (B1), Maru_71 (B1), Mcshane_70 (B1), Mecca_71 (B1), Megatron_72 (B1), MelsMeow_70 (B1), Mesh1_72 (B1),

Mesmerelda_70 (B1), MichaelPhcott_69 (B1), Mikota_68 (B1), MiniBoss_68 (B1), MitKao_71 (B1), Morgushi_69 (B1), Morty_72 (B1), Mosaic_69 (B1), MrPhizzler_74 (B1), Mulan_70 (B1), Murdoc_68 (B1), Mutante_72 (B1), Nathan_72 (B1), Nehme_68 (B1), Nicole21_72 (B1), Nova1_71 (B1), Nyala_70 (B1), Olak_71 (B1), Oline_70 (B1), Olive_69 (B1), Omniscient_72 (B1), OneBrain_74 (B1), Orfeu_70 (B1), Orion_71 (B1), Orwigg_70 (B1), PG1_71 (B1), Pacifista_70 (B1), PallasAthena_72 (B1), Phamished_72 (B1), Phareon_69 (B1), PhatLouie_73 (B1), PhenghisKhan_71 (B1), Pherdinand_72 (B1), Phergie_71 (B1), Phleuron_69 (B1), PhrodoBaggins_73 (B1), Phunky_69 (B1), PinheadLarry_70 (B1), Pinkman_71 (B1), Pipsqueak_68 (B1), Placalicious_71 (B1), Plata_70 (B1), Plmatters_69 (B1), Podrick_70 (B1), Pops_69 (B1), Potter_68 (B1), Prickles_72 (B1), ProfessorX_69 (B1), Puhltonio_69 (B1), QueenBeane_71 (B1), Quisquiliae_73 (B1), RedMaple_71 (B1), RedRaider89_70 (B1), Ricotta_71 (B1), Riggan_72 (B1), Rimu_71 (B1), Riverton_70 (B1), Robyn_72 (B1), Roscoe_71 (B1), Roy17_69 (B1), Salazzle_69 (B1), Samaymay_71 (B1), SassyCat97_69 (B1), Schadenfreude_71 (B1), Schueller_69 (B1), Selr12_72 (B1), Septica_70 (B1), Serendipity_71 (B1), ShadowBud_72 (B1), Sheila_67 (B1), ShiVal_69 (B1), Sigman_71 (B1), SilverBell_72 (B1), Simielle_71 (B1), Skippy_73 (B1), Slatt_71 (B1), Soile_72 (B1), Solosis_69 (B1), Sophia_69 (B1), Soto_68 (B1), Spartan300_70 (B1), Squiggle_70 (B1), Struggle_71 (B1), Suffolk_69 (B1), Surely_71 (B1), Swiphy_73 (B1), TallGrassMM_70 (B1), Thora_70 (B1), ThreeOh3D2_73 (B1), Thunderbird_71 (B1), Timmi_70 (B1), TomBombadil_71 (B1), Tomlarah_72 (B1), Toni_71 (B1), Tooj_69 (B1), Triad_72 (B1), True_69 (B1), Trypo_72 (B1), TyrionL_71 (B1), UncleHowie_68 (B1), Usavi_72 (B1), Vaishali24_72 (B1), Valjean_70 (B1), Vaticameos_68 (B1), Vectra_70 (B1), Veritas_70 (B1), Virapocalypse_72 (B1), Vista_70 (B1), Vivaldi_71 (B1), Vortex_70 (B1), Wallhey_72 (B1), Weher20_68 (B1), Windsor_71 (B1), Xavier_71 (B1), YouGoGlencoco_71 (B1), Zaider_72 (B1), Zelda_71 (B1), Zonia_72 (B1),

Start 22:
• Found in 2 of 326 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 300
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Vincenzo_71 (B4),

Start 25:
• Found in 1 of 326 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 300
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Quesadilla_70 (B9),

Summary by clusters:

There are 3 clusters represented in this pham: B4, B1, B9,

Info for manual annotations of cluster B1:
•Start number 19 was manually annotated 61 times for cluster B1.
•Start number 20 was manually annotated 236 times for cluster B1.

Info for manual annotations of cluster B4:
•Start number 18 was manually annotated 1 time for cluster B4.
•Start number 22 was manually annotated 1 time for cluster B4.

Info for manual annotations of cluster B9:

•Start number 25 was manually annotated 1 time for cluster B9.

Gene Information:

Gene: ABU_70 Start: 58524, Stop: 59120, Start Num: 19
Candidate Starts for ABU_70:
(3, 58314), (5, 58386), (8, 58407), (11, 58464), (13, 58476), (16, 58494), (Start: 19 @58524 has 61 MA's), (Start: 20 @58536 has 236 MA's), (21, 58572), (23, 58593), (24, 58596), (27, 58626), (34, 58782), (40, 58878), (47, 59061), (48, 59064), (49, 59088),

Gene: AbsoluteMadLad_70 Start: 58503, Stop: 59078, Start Num: 20
Candidate Starts for AbsoluteMadLad_70:
(3, 58269), (4, 58329), (5, 58341), (8, 58362), (11, 58422), (16, 58461), (Start: 19 @58491 has 61 MA's), (Start: 20 @58503 has 236 MA's), (23, 58560), (24, 58563), (27, 58593), (34, 58749), (40, 58845), (46, 59016),

Gene: Adriana_72 Start: 59074, Stop: 59655, Start Num: 20
Candidate Starts for Adriana_72:
(3, 58849), (5, 58921), (8, 58942), (11, 59002), (16, 59032), (Start: 19 @59062 has 61 MA's), (Start: 20 @59074 has 236 MA's), (23, 59131), (24, 59134), (27, 59164), (34, 59320), (40, 59416), (47, 59599), (48, 59602),

Gene: Aelin_70 Start: 58059, Stop: 58640, Start Num: 20
Candidate Starts for Aelin_70:
(3, 57834), (5, 57906), (8, 57927), (11, 57987), (13, 57999), (16, 58017), (Start: 19 @58047 has 61 MA's), (Start: 20 @58059 has 236 MA's), (21, 58095), (23, 58116), (24, 58119), (27, 58149), (34, 58305), (40, 58401), (47, 58584), (48, 58587),

Gene: AlanGrant_72 Start: 61390, Stop: 61929, Start Num: 18
Candidate Starts for AlanGrant_72:
(6, 61264), (11, 61330), (14, 61366), (15, 61372), (17, 61381), (Start: 18 @61390 has 1 MA's), (Start: 22 @61456 has 1 MA's), (28, 61504), (30, 61525), (31, 61534), (32, 61582), (36, 61702), (40, 61747), (42, 61816), (43, 61858), (44, 61861), (45, 61894),

Gene: Aleia_70 Start: 58181, Stop: 58762, Start Num: 20
Candidate Starts for Aleia_70:
(3, 57944), (5, 58016), (8, 58037), (11, 58097), (16, 58139), (Start: 19 @58169 has 61 MA's), (Start: 20 @58181 has 236 MA's), (21, 58217), (23, 58238), (24, 58241), (27, 58271), (34, 58427), (40, 58523), (47, 58706), (48, 58709),

Gene: AltPhacts_69 Start: 57588, Stop: 58163, Start Num: 20
Candidate Starts for AltPhacts_69:
(3, 57366), (5, 57438), (8, 57459), (11, 57516), (16, 57546), (Start: 19 @57576 has 61 MA's), (Start: 20 @57588 has 236 MA's), (21, 57624), (23, 57645), (24, 57648), (27, 57678), (34, 57834), (40, 57930), (46, 58101),

Gene: Altwerkus_70 Start: 57855, Stop: 58436, Start Num: 20
Candidate Starts for Altwerkus_70:
(3, 57621), (5, 57693), (8, 57714), (11, 57774), (16, 57813), (Start: 19 @57843 has 61 MA's), (Start: 20 @57855 has 236 MA's), (21, 57891), (23, 57912), (24, 57915), (27, 57945), (34, 58101), (40, 58197), (47, 58380), (48, 58383),

Gene: Anderson_73 Start: 58415, Stop: 58996, Start Num: 20
Candidate Starts for Anderson_73:
(3, 58193), (5, 58265), (8, 58286), (11, 58346), (16, 58373), (Start: 19 @58403 has 61 MA's), (Start: 20 @58415 has 236 MA's), (21, 58451), (23, 58472), (24, 58475), (27, 58505), (34, 58661), (40, 58757), (47, 58940), (48, 58943),

Gene: Andre_73 Start: 58433, Stop: 59014, Start Num: 20
Candidate Starts for Andre_73:
(3, 58199), (4, 58259), (5, 58271), (8, 58292), (11, 58352), (16, 58391), (Start: 19 @58421 has 61 MA's), (Start: 20 @58433 has 236 MA's), (21, 58469), (23, 58490), (24, 58493), (27, 58523), (34, 58679), (40, 58775), (47, 58958), (48, 58961),

Gene: AngelCake_70 Start: 58158, Stop: 58742, Start Num: 20
Candidate Starts for AngelCake_70:
(2, 57906), (3, 57936), (4, 57996), (5, 58008), (8, 58029), (11, 58089), (16, 58116), (Start: 19 @58146 has 61 MA's), (Start: 20 @58158 has 236 MA's), (21, 58194), (23, 58215), (24, 58218), (27, 58248), (34, 58404), (40, 58500), (47, 58683), (48, 58686), (49, 58710),

Gene: Antonia_70 Start: 58058, Stop: 58642, Start Num: 20
Candidate Starts for Antonia_70:
(3, 57833), (5, 57905), (8, 57926), (11, 57986), (13, 57998), (16, 58016), (Start: 19 @58046 has 61 MA's), (Start: 20 @58058 has 236 MA's), (21, 58094), (23, 58115), (24, 58118), (27, 58148), (34, 58304), (40, 58400), (47, 58583), (48, 58586), (49, 58610),

Gene: Aonishiki_72 Start: 58347, Stop: 58928, Start Num: 20
Candidate Starts for Aonishiki_72:
(3, 58113), (5, 58185), (8, 58206), (11, 58266), (16, 58305), (Start: 19 @58335 has 61 MA's), (Start: 20 @58347 has 236 MA's), (21, 58383), (23, 58404), (24, 58407), (27, 58437), (34, 58593), (40, 58689), (47, 58872), (48, 58875),

Gene: Apizium_70 Start: 57702, Stop: 58277, Start Num: 20
Candidate Starts for Apizium_70:
(3, 57465), (4, 57525), (5, 57537), (8, 57558), (11, 57618), (16, 57660), (Start: 19 @57690 has 61 MA's), (Start: 20 @57702 has 236 MA's), (21, 57738), (23, 57759), (24, 57762), (27, 57792), (34, 57948), (40, 58044), (46, 58215),

Gene: Ashraf_72 Start: 58397, Stop: 58990, Start Num: 19
Candidate Starts for Ashraf_72:
(2, 58145), (3, 58175), (5, 58247), (8, 58268), (11, 58328), (16, 58367), (Start: 19 @58397 has 61 MA's), (Start: 20 @58409 has 236 MA's), (21, 58445), (23, 58466), (24, 58469), (27, 58499), (34, 58655), (40, 58751), (47, 58934), (48, 58937),

Gene: Azuria_69 Start: 58287, Stop: 58868, Start Num: 20
Candidate Starts for Azuria_69:
(3, 58062), (5, 58134), (8, 58155), (11, 58215), (13, 58227), (16, 58245), (Start: 19 @58275 has 61 MA's), (Start: 20 @58287 has 236 MA's), (21, 58323), (23, 58344), (24, 58347), (27, 58377), (34, 58533), (40, 58629), (47, 58812), (48, 58815),

Gene: Badfish_72 Start: 58713, Stop: 59294, Start Num: 20
Candidate Starts for Badfish_72:
(3, 58479), (5, 58551), (8, 58572), (11, 58632), (16, 58671), (Start: 19 @58701 has 61 MA's), (Start: 20 @58713 has 236 MA's), (21, 58749), (23, 58770), (24, 58773), (27, 58803), (34, 58959), (40, 59055),

(47, 59238), (48, 59241),

Gene: Banjo_69 Start: 57988, Stop: 58584, Start Num: 19
Candidate Starts for Banjo_69:
(3, 57778), (5, 57850), (8, 57871), (11, 57928), (13, 57940), (16, 57958), (Start: 19 @57988 has 61 MA's), (Start: 20 @58000 has 236 MA's), (21, 58036), (23, 58057), (24, 58060), (27, 58090), (34, 58246), (40, 58342), (47, 58525), (48, 58528), (49, 58552),

Gene: Basato_70 Start: 58273, Stop: 58860, Start Num: 19
Candidate Starts for Basato_70:
(3, 58054), (4, 58114), (5, 58126), (8, 58147), (11, 58204), (16, 58243), (Start: 19 @58273 has 61 MA's), (Start: 20 @58285 has 236 MA's), (21, 58321), (23, 58342), (24, 58345), (27, 58375), (34, 58531), (40, 58627), (46, 58798),

Gene: BatteryCK_69 Start: 57973, Stop: 58554, Start Num: 20
Candidate Starts for BatteryCK_69:
(3, 57748), (5, 57820), (8, 57841), (11, 57901), (13, 57913), (16, 57931), (Start: 19 @57961 has 61 MA's), (Start: 20 @57973 has 236 MA's), (21, 58009), (23, 58030), (24, 58033), (27, 58063), (34, 58219), (40, 58315), (47, 58498), (48, 58501),

Gene: Beaglebox_69 Start: 58111, Stop: 58695, Start Num: 20
Candidate Starts for Beaglebox_69:
(3, 57889), (5, 57961), (8, 57982), (11, 58039), (13, 58051), (16, 58069), (Start: 19 @58099 has 61 MA's), (Start: 20 @58111 has 236 MA's), (21, 58147), (23, 58168), (24, 58171), (27, 58201), (34, 58357), (40, 58453), (47, 58636), (48, 58639), (49, 58663),

Gene: Bishoperium_71 Start: 58555, Stop: 59139, Start Num: 20
Candidate Starts for Bishoperium_71:
(3, 58333), (5, 58405), (8, 58426), (11, 58483), (13, 58495), (16, 58513), (Start: 19 @58543 has 61 MA's), (Start: 20 @58555 has 236 MA's), (21, 58591), (23, 58612), (24, 58615), (27, 58645), (34, 58801), (40, 58897), (47, 59080), (48, 59083), (49, 59107),

Gene: BlackStallion_72 Start: 58447, Stop: 59028, Start Num: 20
Candidate Starts for BlackStallion_72:
(3, 58222), (4, 58282), (5, 58294), (8, 58315), (11, 58375), (16, 58405), (Start: 19 @58435 has 61 MA's), (Start: 20 @58447 has 236 MA's), (21, 58483), (23, 58504), (24, 58507), (27, 58537), (34, 58693), (40, 58789), (47, 58972), (48, 58975),

Gene: BlacksBerry_72 Start: 57930, Stop: 58511, Start Num: 20
Candidate Starts for BlacksBerry_72:
(3, 57696), (4, 57756), (5, 57768), (8, 57789), (11, 57849), (16, 57888), (Start: 19 @57918 has 61 MA's), (Start: 20 @57930 has 236 MA's), (21, 57966), (23, 57987), (24, 57990), (27, 58020), (34, 58176), (40, 58272), (47, 58455), (48, 58458),

Gene: BlueHusk_72 Start: 58056, Stop: 58631, Start Num: 20
Candidate Starts for BlueHusk_72:
(3, 57834), (5, 57906), (8, 57927), (11, 57984), (16, 58014), (Start: 19 @58044 has 61 MA's), (Start: 20 @58056 has 236 MA's), (21, 58092), (23, 58113), (24, 58116), (27, 58146), (34, 58302), (40, 58398), (46, 58569),

Gene: Bluephacebaby_70 Start: 58588, Stop: 59172, Start Num: 20
Candidate Starts for Bluephacebaby_70:

(3, 58366), (5, 58438), (8, 58459), (11, 58516), (13, 58528), (16, 58546), (Start: 19 @58576 has 61 MA's), (Start: 20 @58588 has 236 MA's), (21, 58624), (23, 58645), (24, 58648), (27, 58678), (34, 58834), (40, 58930), (47, 59113), (48, 59116), (49, 59140),

Gene: Boehler_70 Start: 58215, Stop: 58790, Start Num: 20
Candidate Starts for Boehler_70:
(3, 57981), (4, 58041), (5, 58053), (8, 58074), (11, 58134), (16, 58173), (Start: 19 @58203 has 61 MA's), (Start: 20 @58215 has 236 MA's), (21, 58251), (23, 58272), (24, 58275), (27, 58305), (34, 58461), (40, 58557), (46, 58728),

Gene: BoogieWoogie_73 Start: 58021, Stop: 58602, Start Num: 20
Candidate Starts for BoogieWoogie_73:
(3, 57799), (5, 57871), (8, 57892), (11, 57949), (13, 57961), (16, 57979), (Start: 19 @58009 has 61 MA's), (Start: 20 @58021 has 236 MA's), (21, 58057), (23, 58078), (24, 58081), (27, 58111), (34, 58267), (40, 58363), (47, 58546), (48, 58549),

Gene: Brilliant_74 Start: 58566, Stop: 59150, Start Num: 20
Candidate Starts for Brilliant_74:
(3, 58332), (4, 58392), (5, 58404), (8, 58425), (11, 58485), (16, 58524), (Start: 19 @58554 has 61 MA's), (Start: 20 @58566 has 236 MA's), (21, 58602), (23, 58623), (24, 58626), (27, 58656), (34, 58812), (40, 58908), (47, 59091), (48, 59094), (49, 59118),

Gene: Buckeye_71 Start: 59102, Stop: 59683, Start Num: 20
Candidate Starts for Buckeye_71:
(3, 58868), (5, 58940), (8, 58961), (11, 59021), (16, 59060), (Start: 19 @59090 has 61 MA's), (Start: 20 @59102 has 236 MA's), (21, 59138), (23, 59159), (24, 59162), (27, 59192), (34, 59348), (40, 59444), (47, 59627), (48, 59630),

Gene: Burr_71 Start: 58021, Stop: 58602, Start Num: 20
Candidate Starts for Burr_71:
(3, 57799), (5, 57871), (8, 57892), (11, 57949), (13, 57961), (16, 57979), (Start: 19 @58009 has 61 MA's), (Start: 20 @58021 has 236 MA's), (21, 58057), (23, 58078), (24, 58081), (27, 58111), (34, 58267), (40, 58363), (47, 58546), (48, 58549),

Gene: CamL_71 Start: 58323, Stop: 58907, Start Num: 20
Candidate Starts for CamL_71:
(3, 58101), (4, 58161), (5, 58173), (8, 58194), (11, 58251), (13, 58263), (16, 58281), (Start: 19 @58311 has 61 MA's), (Start: 20 @58323 has 236 MA's), (21, 58359), (23, 58380), (24, 58383), (27, 58413), (34, 58569), (40, 58665), (47, 58848), (48, 58851), (49, 58875),

Gene: CampRoach_72 Start: 58433, Stop: 59014, Start Num: 20
Candidate Starts for CampRoach_72:
(3, 58208), (5, 58280), (8, 58301), (11, 58361), (13, 58373), (16, 58391), (Start: 19 @58421 has 61 MA's), (Start: 20 @58433 has 236 MA's), (21, 58469), (23, 58490), (24, 58493), (27, 58523), (34, 58679), (40, 58775), (47, 58958), (48, 58961),

Gene: Cannibal_72 Start: 58439, Stop: 59020, Start Num: 20
Candidate Starts for Cannibal_72:
(3, 58217), (5, 58289), (8, 58310), (11, 58370), (16, 58397), (Start: 19 @58427 has 61 MA's), (Start: 20 @58439 has 236 MA's), (21, 58475), (23, 58496), (24, 58499), (27, 58529), (34, 58685), (40, 58781), (47, 58964), (48, 58967),

Gene: Carthage_71 Start: 57962, Stop: 58543, Start Num: 20

Candidate Starts for Carthage_71:
(3, 57737), (5, 57809), (8, 57830), (11, 57890), (13, 57902), (16, 57920), (Start: 19 @57950 has 61 MA's), (Start: 20 @57962 has 236 MA's), (21, 57998), (23, 58019), (24, 58022), (27, 58052), (34, 58208), (40, 58304), (47, 58487), (48, 58490),

Gene: Caspiboi_70 Start: 58275, Stop: 58856, Start Num: 20
Candidate Starts for Caspiboi_70:
(3, 58041), (5, 58113), (8, 58134), (11, 58194), (16, 58233), (Start: 19 @58263 has 61 MA's), (Start: 20 @58275 has 236 MA's), (23, 58332), (24, 58335), (27, 58365), (34, 58521), (40, 58617), (47, 58800), (48, 58803),

Gene: Chaelin_72 Start: 58566, Stop: 59150, Start Num: 20
Candidate Starts for Chaelin_72:
(3, 58332), (5, 58404), (8, 58425), (11, 58485), (16, 58524), (Start: 19 @58554 has 61 MA's), (Start: 20 @58566 has 236 MA's), (23, 58623), (24, 58626), (27, 58656), (34, 58812), (40, 58908), (47, 59091), (48, 59094), (49, 59118),

Gene: Chah_73 Start: 58142, Stop: 58738, Start Num: 19
Candidate Starts for Chah_73:
(3, 57920), (5, 57992), (8, 58013), (11, 58073), (16, 58112), (Start: 19 @58142 has 61 MA's), (Start: 20 @58154 has 236 MA's), (21, 58190), (23, 58211), (24, 58214), (27, 58244), (34, 58400), (40, 58496), (47, 58679), (48, 58682), (49, 58706),

Gene: Charles1_72 Start: 58341, Stop: 58925, Start Num: 20
Candidate Starts for Charles1_72:
(3, 58107), (5, 58179), (8, 58200), (11, 58260), (16, 58299), (Start: 19 @58329 has 61 MA's), (Start: 20 @58341 has 236 MA's), (21, 58377), (23, 58398), (24, 58401), (27, 58431), (34, 58587), (40, 58683), (47, 58866), (48, 58869), (49, 58893),

Gene: CharlieGBrown_69 Start: 57936, Stop: 58532, Start Num: 19
Candidate Starts for CharlieGBrown_69:
(3, 57723), (5, 57795), (8, 57816), (11, 57876), (13, 57888), (16, 57906), (Start: 19 @57936 has 61 MA's), (Start: 20 @57948 has 236 MA's), (21, 57984), (23, 58005), (24, 58008), (27, 58038), (34, 58194), (40, 58290), (47, 58473), (48, 58476), (49, 58500),

Gene: CheetO_70 Start: 58271, Stop: 58855, Start Num: 20
Candidate Starts for CheetO_70:
(3, 58049), (5, 58121), (8, 58142), (11, 58199), (13, 58211), (16, 58229), (Start: 19 @58259 has 61 MA's), (Start: 20 @58271 has 236 MA's), (21, 58307), (23, 58328), (24, 58331), (27, 58361), (34, 58517), (40, 58613), (47, 58796), (48, 58799),

Gene: Cher_71 Start: 58532, Stop: 59113, Start Num: 20
Candidate Starts for Cher_71:
(3, 58298), (5, 58370), (8, 58391), (11, 58451), (16, 58490), (Start: 19 @58520 has 61 MA's), (Start: 20 @58532 has 236 MA's), (21, 58568), (23, 58589), (24, 58592), (27, 58622), (34, 58778), (40, 58874), (47, 59057), (48, 59060),

Gene: Childish_71 Start: 58730, Stop: 59314, Start Num: 20
Candidate Starts for Childish_71:
(3, 58496), (4, 58556), (5, 58568), (8, 58589), (11, 58646), (13, 58658), (16, 58688), (Start: 19 @58718 has 61 MA's), (Start: 20 @58730 has 236 MA's), (21, 58766), (23, 58787), (24, 58790), (27, 58820), (34, 58976), (40, 59072), (47, 59255), (48, 59258), (49, 59282),

Gene: Chipette_71 Start: 58276, Stop: 58851, Start Num: 20
Candidate Starts for Chipette_71:
(3, 58042), (5, 58114), (8, 58135), (11, 58195), (16, 58234), (Start: 19 @58264 has 61 MA's), (Start: 20 @58276 has 236 MA's), (23, 58333), (24, 58336), (27, 58366), (34, 58522), (40, 58618), (46, 58789),

Gene: Chorkpop_72 Start: 58181, Stop: 58774, Start Num: 19
Candidate Starts for Chorkpop_72:
(3, 57959), (4, 58019), (5, 58031), (8, 58052), (11, 58112), (16, 58151), (Start: 19 @58181 has 61 MA's), (Start: 20 @58193 has 236 MA's), (21, 58229), (23, 58250), (24, 58253), (27, 58283), (34, 58439), (40, 58535), (47, 58718), (48, 58721),

Gene: Chuni_74 Start: 58782, Stop: 59366, Start Num: 20
Candidate Starts for Chuni_74:
(2, 58530), (3, 58560), (4, 58620), (5, 58632), (8, 58653), (11, 58713), (16, 58740), (Start: 19 @58770 has 61 MA's), (Start: 20 @58782 has 236 MA's), (21, 58818), (23, 58839), (24, 58842), (27, 58872), (34, 59028), (40, 59124), (47, 59307), (48, 59310), (49, 59334),

Gene: Chunky_71 Start: 57879, Stop: 58451, Start Num: 19
Candidate Starts for Chunky_71:
(3, 57666), (5, 57738), (8, 57759), (11, 57819), (16, 57849), (Start: 19 @57879 has 61 MA's), (Start: 20 @57891 has 236 MA's), (21, 57927), (23, 57948), (24, 57951), (27, 57981), (34, 58137), (40, 58233), (47, 58416), (48, 58419),

Gene: Chute_71 Start: 58585, Stop: 59166, Start Num: 20
Candidate Starts for Chute_71:
(3, 58360), (5, 58432), (8, 58453), (11, 58513), (13, 58525), (16, 58543), (Start: 19 @58573 has 61 MA's), (Start: 20 @58585 has 236 MA's), (21, 58621), (23, 58642), (24, 58645), (27, 58675), (34, 58831), (40, 58927), (47, 59110), (48, 59113),

Gene: Cobra_71 Start: 58551, Stop: 59147, Start Num: 19
Candidate Starts for Cobra_71:
(3, 58329), (4, 58389), (5, 58401), (8, 58422), (11, 58482), (16, 58521), (Start: 19 @58551 has 61 MA's), (Start: 20 @58563 has 236 MA's), (21, 58599), (23, 58620), (24, 58623), (27, 58653), (34, 58809), (40, 58905), (47, 59088), (48, 59091), (49, 59115),

Gene: Colbert_69 Start: 57601, Stop: 58197, Start Num: 19
Candidate Starts for Colbert_69:
(3, 57388), (5, 57460), (8, 57481), (11, 57541), (13, 57553), (16, 57571), (Start: 19 @57601 has 61 MA's), (Start: 20 @57613 has 236 MA's), (21, 57649), (23, 57670), (24, 57673), (27, 57703), (34, 57859), (40, 57955), (47, 58138), (48, 58141), (49, 58165),

Gene: Coletti_74 Start: 59085, Stop: 59669, Start Num: 20
Candidate Starts for Coletti_74:
(3, 58860), (5, 58932), (8, 58953), (11, 59013), (13, 59025), (16, 59043), (Start: 19 @59073 has 61 MA's), (Start: 20 @59085 has 236 MA's), (21, 59121), (23, 59142), (24, 59145), (27, 59175), (34, 59331), (40, 59427), (47, 59610), (48, 59613), (49, 59637),

Gene: Cornbread_70 Start: 58223, Stop: 58804, Start Num: 20
Candidate Starts for Cornbread_70:
(3, 57998), (4, 58058), (5, 58070), (8, 58091), (11, 58151), (13, 58163), (16, 58181), (Start: 19 @58211 has 61 MA's), (Start: 20 @58223 has 236 MA's), (21, 58259), (23, 58280), (24, 58283), (27, 58313), (34, 58469), (40, 58565), (47, 58748), (48, 58751),

Gene: Cornobble_69 Start: 58048, Stop: 58632, Start Num: 20
Candidate Starts for Cornobble_69:
(3, 57823), (5, 57895), (8, 57916), (11, 57976), (13, 57988), (16, 58006), (Start: 19 @58036 has 61 MA's), (Start: 20 @58048 has 236 MA's), (21, 58084), (23, 58105), (24, 58108), (27, 58138), (34, 58294), (40, 58390), (47, 58573), (48, 58576), (49, 58600),

Gene: Cosmolli16_73 Start: 58908, Stop: 59492, Start Num: 20
Candidate Starts for Cosmolli16_73:
(3, 58677), (5, 58749), (11, 58827), (16, 58866), (Start: 19 @58896 has 61 MA's), (Start: 20 @58908 has 236 MA's), (23, 58965), (24, 58968), (27, 58998), (34, 59154), (40, 59250), (47, 59433), (48, 59436), (49, 59460),

Gene: Craff_74 Start: 58942, Stop: 59535, Start Num: 19
Candidate Starts for Craff_74:
(3, 58732), (4, 58792), (5, 58804), (8, 58825), (11, 58882), (13, 58894), (16, 58912), (Start: 19 @58942 has 61 MA's), (Start: 20 @58954 has 236 MA's), (21, 58990), (23, 59011), (24, 59014), (27, 59044), (34, 59200), (40, 59296), (47, 59479), (48, 59482),

Gene: Crownjwl_69 Start: 58055, Stop: 58630, Start Num: 20
Candidate Starts for Crownjwl_69:
(3, 57821), (5, 57893), (8, 57914), (11, 57974), (16, 58013), (Start: 19 @58043 has 61 MA's), (Start: 20 @58055 has 236 MA's), (21, 58091), (23, 58112), (24, 58115), (27, 58145), (34, 58301), (40, 58397), (46, 58568),

Gene: DaddyDaniels_74 Start: 58675, Stop: 59259, Start Num: 20
Candidate Starts for DaddyDaniels_74:
(3, 58453), (4, 58513), (5, 58525), (8, 58546), (11, 58603), (13, 58615), (16, 58633), (Start: 19 @58663 has 61 MA's), (Start: 20 @58675 has 236 MA's), (21, 58711), (23, 58732), (24, 58735), (27, 58765), (34, 58921), (40, 59017), (47, 59200), (48, 59203), (49, 59227),

Gene: Daffy_70 Start: 58166, Stop: 58759, Start Num: 19
Candidate Starts for Daffy_70:
(3, 57944), (4, 58004), (5, 58016), (8, 58037), (11, 58097), (16, 58136), (Start: 19 @58166 has 61 MA's), (Start: 20 @58178 has 236 MA's), (21, 58214), (23, 58235), (24, 58238), (27, 58268), (34, 58424), (40, 58520), (47, 58703), (48, 58706),

Gene: Daka_73 Start: 58536, Stop: 59120, Start Num: 20
Candidate Starts for Daka_73:
(3, 58314), (5, 58386), (8, 58407), (11, 58464), (13, 58476), (16, 58494), (Start: 19 @58524 has 61 MA's), (Start: 20 @58536 has 236 MA's), (21, 58572), (23, 58593), (24, 58596), (27, 58626), (34, 58782), (40, 58878), (47, 59061), (48, 59064), (49, 59088),

Gene: Dati_68 Start: 58348, Stop: 58932, Start Num: 20
Candidate Starts for Dati_68:
(3, 58114), (5, 58186), (8, 58207), (11, 58267), (16, 58306), (Start: 19 @58336 has 61 MA's), (Start: 20 @58348 has 236 MA's), (21, 58384), (23, 58405), (24, 58408), (27, 58438), (34, 58594), (40, 58690), (47, 58873), (48, 58876), (49, 58900),

Gene: DelRivs_69 Start: 57982, Stop: 58575, Start Num: 19
Candidate Starts for DelRivs_69:
(2, 57739), (3, 57769), (4, 57829), (5, 57841), (8, 57862), (11, 57922), (13, 57934), (16, 57952), (Start: 19 @57982 has 61 MA's), (Start: 20 @57994 has 236 MA's), (21, 58030), (23, 58051), (24, 58054), (27, 58084), (34, 58240), (40, 58336), (47, 58519), (48, 58522),

Gene: Derpp_71 Start: 58100, Stop: 58681, Start Num: 20
Candidate Starts for Derpp_71:
(3, 57869), (4, 57929), (5, 57941), (8, 57962), (11, 58019), (16, 58058), (Start: 19 @58088 has 61 MA's), (Start: 20 @58100 has 236 MA's), (21, 58136), (23, 58157), (24, 58160), (27, 58190), (34, 58346), (40, 58442), (47, 58625), (48, 58628),

Gene: Dice_70 Start: 58019, Stop: 58600, Start Num: 20
Candidate Starts for Dice_70:
(3, 57797), (5, 57869), (8, 57890), (11, 57947), (13, 57959), (16, 57977), (Start: 19 @58007 has 61 MA's), (Start: 20 @58019 has 236 MA's), (21, 58055), (23, 58076), (24, 58079), (27, 58109), (34, 58265), (40, 58361), (47, 58544), (48, 58547),

Gene: Dingo_68 Start: 57576, Stop: 58151, Start Num: 20
Candidate Starts for Dingo_68:
(3, 57342), (5, 57414), (8, 57435), (11, 57492), (16, 57534), (Start: 19 @57564 has 61 MA's), (Start: 20 @57576 has 236 MA's), (21, 57612), (23, 57633), (24, 57636), (27, 57666), (34, 57822), (40, 57918), (46, 58089),

Gene: Dione_69 Start: 57753, Stop: 58337, Start Num: 20
Candidate Starts for Dione_69:
(3, 57531), (5, 57603), (8, 57624), (11, 57681), (13, 57693), (16, 57711), (Start: 19 @57741 has 61 MA's), (Start: 20 @57753 has 236 MA's), (21, 57789), (23, 57810), (24, 57813), (27, 57843), (34, 57999), (40, 58095), (47, 58278), (48, 58281), (49, 58305),

Gene: DirtJuice_71 Start: 58327, Stop: 58902, Start Num: 20
Candidate Starts for DirtJuice_71:
(3, 58105), (5, 58177), (8, 58198), (11, 58255), (13, 58267), (16, 58285), (Start: 19 @58315 has 61 MA's), (Start: 20 @58327 has 236 MA's), (21, 58363), (23, 58384), (24, 58387), (27, 58417), (34, 58573), (40, 58669), (46, 58840),

Gene: Doddsville_69 Start: 58066, Stop: 58647, Start Num: 20
Candidate Starts for Doddsville_69:
(3, 57832), (4, 57892), (5, 57904), (8, 57925), (11, 57985), (16, 58024), (Start: 19 @58054 has 61 MA's), (Start: 20 @58066 has 236 MA's), (21, 58102), (23, 58123), (24, 58126), (27, 58156), (34, 58312), (40, 58408), (47, 58591), (48, 58594),

Gene: DoesntMatter_68 Start: 58043, Stop: 58627, Start Num: 20
Candidate Starts for DoesntMatter_68:
(3, 57821), (5, 57893), (8, 57914), (11, 57971), (13, 57983), (16, 58001), (Start: 19 @58031 has 61 MA's), (Start: 20 @58043 has 236 MA's), (21, 58079), (23, 58100), (24, 58103), (27, 58133), (34, 58289), (40, 58385), (47, 58568), (48, 58571), (49, 58595),

Gene: DolOn_75 Start: 59482, Stop: 60057, Start Num: 20
Candidate Starts for DolOn_75:
(3, 59248), (5, 59320), (8, 59341), (11, 59401), (16, 59440), (Start: 19 @59470 has 61 MA's), (Start: 20 @59482 has 236 MA's), (21, 59518), (23, 59539), (24, 59542), (27, 59572), (34, 59728), (40, 59824), (46, 59995),

Gene: DonSanchon_67 Start: 57689, Stop: 58282, Start Num: 19
Candidate Starts for DonSanchon_67:
(3, 57467), (4, 57527), (5, 57539), (8, 57560), (11, 57620), (16, 57659), (Start: 19 @57689 has 61 MA's), (Start: 20 @57701 has 236 MA's), (21, 57737), (23, 57758), (24, 57761), (27, 57791), (34,

57947), (40, 58043), (47, 58226), (48, 58229),

Gene: DuchessDung_70 Start: 57582, Stop: 58163, Start Num: 20
Candidate Starts for DuchessDung_70:
(3, 57348), (5, 57420), (8, 57441), (11, 57501), (16, 57540), (Start: 19 @57570 has 61 MA's), (Start: 20 @57582 has 236 MA's), (23, 57639), (24, 57642), (27, 57672), (34, 57828), (40, 57924), (47, 58107), (48, 58110),

Gene: Duggie_71 Start: 58320, Stop: 58901, Start Num: 20
Candidate Starts for Duggie_71:
(3, 58095), (5, 58167), (8, 58188), (11, 58248), (13, 58260), (16, 58278), (Start: 19 @58308 has 61 MA's), (Start: 20 @58320 has 236 MA's), (21, 58356), (23, 58377), (24, 58380), (27, 58410), (34, 58566), (40, 58662), (47, 58845), (48, 58848),

Gene: Durga_73 Start: 58797, Stop: 59384, Start Num: 19
Candidate Starts for Durga_73:
(3, 58575), (4, 58635), (5, 58647), (8, 58668), (11, 58728), (16, 58767), (Start: 19 @58797 has 61 MA's), (Start: 20 @58809 has 236 MA's), (21, 58845), (23, 58866), (24, 58869), (27, 58899), (34, 59055), (40, 59151), (46, 59322),

Gene: ElvisPhasley_72 Start: 59200, Stop: 59784, Start Num: 20
Candidate Starts for ElvisPhasley_72:
(3, 58975), (5, 59047), (8, 59068), (11, 59128), (13, 59140), (16, 59158), (Start: 19 @59188 has 61 MA's), (Start: 20 @59200 has 236 MA's), (21, 59236), (23, 59257), (24, 59260), (27, 59290), (34, 59446), (40, 59542), (47, 59725), (48, 59728), (49, 59752),

Gene: EmGer13_71 Start: 58058, Stop: 58642, Start Num: 20
Candidate Starts for EmGer13_71:
(3, 57833), (5, 57905), (8, 57926), (11, 57986), (13, 57998), (16, 58016), (Start: 19 @58046 has 61 MA's), (Start: 20 @58058 has 236 MA's), (21, 58094), (23, 58115), (24, 58118), (27, 58148), (34, 58304), (40, 58400), (47, 58583), (48, 58586), (49, 58610),

Gene: Emiris_72 Start: 58718, Stop: 59293, Start Num: 20
Candidate Starts for Emiris_72:
(3, 58484), (5, 58556), (8, 58577), (11, 58637), (16, 58676), (Start: 19 @58706 has 61 MA's), (Start: 20 @58718 has 236 MA's), (21, 58754), (23, 58775), (24, 58778), (27, 58808), (34, 58964), (40, 59060), (46, 59231),

Gene: EmpTee_70 Start: 58251, Stop: 58844, Start Num: 19
Candidate Starts for EmpTee_70:
(3, 58041), (5, 58113), (8, 58134), (11, 58191), (13, 58203), (16, 58221), (Start: 19 @58251 has 61 MA's), (Start: 20 @58263 has 236 MA's), (21, 58299), (23, 58320), (24, 58323), (27, 58353), (34, 58509), (40, 58605), (47, 58788), (48, 58791),

Gene: Eremos_70 Start: 58240, Stop: 58815, Start Num: 20
Candidate Starts for Eremos_70:
(3, 58006), (4, 58066), (5, 58078), (8, 58099), (11, 58159), (16, 58198), (Start: 19 @58228 has 61 MA's), (Start: 20 @58240 has 236 MA's), (23, 58297), (24, 58300), (27, 58330), (34, 58486), (40, 58582), (46, 58753),

Gene: Etaye_70 Start: 58891, Stop: 59475, Start Num: 20
Candidate Starts for Etaye_70:

(3, 58657), (4, 58717), (5, 58729), (8, 58750), (11, 58810), (16, 58849), (Start: 19 @58879 has 61 MA's), (Start: 20 @58891 has 236 MA's), (21, 58927), (23, 58948), (24, 58951), (27, 58981), (34, 59137), (40, 59233), (47, 59416), (48, 59419), (49, 59443),

Gene: Eugenia_72 Start: 58848, Stop: 59429, Start Num: 20
Candidate Starts for Eugenia_72:
(3, 58614), (5, 58686), (8, 58707), (11, 58767), (16, 58806), (Start: 19 @58836 has 61 MA's), (Start: 20 @58848 has 236 MA's), (21, 58884), (23, 58905), (24, 58908), (27, 58938), (34, 59094), (40, 59190), (47, 59373), (48, 59376),

Gene: Fang_72 Start: 58539, Stop: 59135, Start Num: 19
Candidate Starts for Fang_72:
(3, 58317), (5, 58389), (8, 58410), (11, 58470), (16, 58509), (Start: 19 @58539 has 61 MA's), (Start: 20 @58551 has 236 MA's), (21, 58587), (23, 58608), (24, 58611), (27, 58641), (34, 58797), (40, 58893), (47, 59076), (48, 59079), (49, 59103),

Gene: Flake_70 Start: 58305, Stop: 58889, Start Num: 20
Candidate Starts for Flake_70:
(3, 58071), (5, 58143), (8, 58164), (11, 58224), (16, 58263), (Start: 19 @58293 has 61 MA's), (Start: 20 @58305 has 236 MA's), (23, 58362), (24, 58365), (27, 58395), (34, 58551), (40, 58647), (47, 58830), (48, 58833), (49, 58857),

Gene: FleetyMac_71 Start: 58234, Stop: 58818, Start Num: 20
Candidate Starts for FleetyMac_71:
(3, 58012), (5, 58084), (8, 58105), (11, 58162), (13, 58174), (16, 58192), (Start: 19 @58222 has 61 MA's), (Start: 20 @58234 has 236 MA's), (21, 58270), (23, 58291), (24, 58294), (27, 58324), (34, 58480), (40, 58576), (47, 58759), (48, 58762), (49, 58786),

Gene: FluffyNinja_72 Start: 58436, Stop: 59029, Start Num: 19
Candidate Starts for FluffyNinja_72:
(3, 58223), (4, 58283), (5, 58295), (8, 58316), (11, 58376), (16, 58406), (Start: 19 @58436 has 61 MA's), (Start: 20 @58448 has 236 MA's), (21, 58484), (23, 58505), (24, 58508), (27, 58538), (34, 58694), (40, 58790), (47, 58973), (48, 58976),

Gene: Fozzie_69 Start: 58556, Stop: 59131, Start Num: 20
Candidate Starts for Fozzie_69:
(3, 58322), (4, 58382), (5, 58394), (8, 58415), (11, 58475), (16, 58514), (Start: 19 @58544 has 61 MA's), (Start: 20 @58556 has 236 MA's), (23, 58613), (24, 58616), (27, 58646), (34, 58802), (40, 58898), (46, 59069),

Gene: Frankicide_70 Start: 58230, Stop: 58814, Start Num: 20
Candidate Starts for Frankicide_70:
(3, 58005), (5, 58077), (8, 58098), (11, 58155), (13, 58167), (16, 58185), (Start: 19 @58215 has 61 MA's), (Start: 20 @58230 has 236 MA's), (21, 58266), (23, 58287), (24, 58290), (27, 58320), (34, 58476), (40, 58572), (47, 58755), (48, 58758), (49, 58782),

Gene: FremontTroll_71 Start: 58648, Stop: 59229, Start Num: 20
Candidate Starts for FremontTroll_71:
(3, 58426), (5, 58498), (8, 58519), (11, 58576), (13, 58588), (16, 58606), (Start: 19 @58636 has 61 MA's), (Start: 20 @58648 has 236 MA's), (21, 58684), (23, 58705), (24, 58708), (27, 58738), (34, 58894), (40, 58990), (47, 59173), (48, 59176),

Gene: Freya_68 Start: 57722, Stop: 58303, Start Num: 20

Candidate Starts for Freya_68:
(3, 57491), (5, 57563), (8, 57584), (11, 57641), (16, 57680), (Start: 19 @57710 has 61 MA's), (Start: 20 @57722 has 236 MA's), (23, 57779), (24, 57782), (27, 57812), (34, 57968), (40, 58064), (47, 58247), (48, 58250),

Gene: FriarPreacher_69 Start: 58078, Stop: 58671, Start Num: 19
Candidate Starts for FriarPreacher_69:
(3, 57868), (5, 57940), (8, 57961), (11, 58018), (13, 58030), (16, 58048), (Start: 19 @58078 has 61 MA's), (Start: 20 @58090 has 236 MA's), (21, 58126), (23, 58147), (24, 58150), (27, 58180), (34, 58336), (40, 58432), (47, 58615), (48, 58618),

Gene: Fringe_75 Start: 58900, Stop: 59481, Start Num: 20
Candidate Starts for Fringe_75:
(3, 58666), (4, 58726), (5, 58738), (8, 58759), (11, 58819), (16, 58858), (Start: 19 @58888 has 61 MA's), (Start: 20 @58900 has 236 MA's), (21, 58936), (23, 58957), (24, 58960), (27, 58990), (34, 59146), (40, 59242), (47, 59425), (48, 59428),

Gene: FugateOSU_71 Start: 59046, Stop: 59627, Start Num: 20
Candidate Starts for FugateOSU_71:
(3, 58821), (5, 58893), (8, 58914), (11, 58974), (13, 58986), (16, 59004), (Start: 19 @59034 has 61 MA's), (Start: 20 @59046 has 236 MA's), (21, 59082), (23, 59103), (24, 59106), (27, 59136), (34, 59292), (40, 59388), (47, 59571), (48, 59574),

Gene: Gareth_71 Start: 58551, Stop: 59135, Start Num: 20
Candidate Starts for Gareth_71:
(3, 58317), (4, 58377), (5, 58389), (8, 58410), (11, 58470), (16, 58509), (Start: 19 @58539 has 61 MA's), (Start: 20 @58551 has 236 MA's), (21, 58587), (23, 58608), (24, 58611), (27, 58641), (34, 58797), (40, 58893), (47, 59076), (48, 59079), (49, 59103),

Gene: GeneCoco_72 Start: 58716, Stop: 59297, Start Num: 20
Candidate Starts for GeneCoco_72:
(3, 58491), (5, 58563), (8, 58584), (11, 58644), (13, 58656), (16, 58674), (Start: 19 @58704 has 61 MA's), (Start: 20 @58716 has 236 MA's), (21, 58752), (23, 58773), (24, 58776), (27, 58806), (34, 58962), (40, 59058), (47, 59241), (48, 59244),

Gene: Giraffe_71 Start: 58546, Stop: 59130, Start Num: 20
Candidate Starts for Giraffe_71:
(3, 58312), (4, 58372), (5, 58384), (8, 58405), (11, 58465), (16, 58504), (Start: 19 @58534 has 61 MA's), (Start: 20 @58546 has 236 MA's), (23, 58603), (24, 58606), (27, 58636), (34, 58792), (40, 58888), (47, 59071), (48, 59074), (49, 59098),

Gene: Gophee_72 Start: 58546, Stop: 59127, Start Num: 20
Candidate Starts for Gophee_72:
(3, 58324), (5, 58396), (8, 58417), (11, 58474), (13, 58486), (16, 58504), (Start: 19 @58534 has 61 MA's), (Start: 20 @58546 has 236 MA's), (21, 58582), (23, 58603), (24, 58606), (27, 58636), (34, 58792), (40, 58888), (47, 59071), (48, 59074),

Gene: Grand2040_69 Start: 58524, Stop: 59105, Start Num: 20
Candidate Starts for Grand2040_69:
(3, 58290), (5, 58362), (8, 58383), (11, 58443), (16, 58482), (Start: 19 @58512 has 61 MA's), (Start: 20 @58524 has 236 MA's), (23, 58581), (24, 58584), (27, 58614), (34, 58770), (40, 58866), (47, 59049), (48, 59052),

Gene: GreenChile_70 Start: 58067, Stop: 58642, Start Num: 20
Candidate Starts for GreenChile_70:
(3, 57842), (5, 57914), (8, 57935), (11, 57995), (16, 58025), (Start: 19 @58055 has 61 MA's), (Start: 20 @58067 has 236 MA's), (21, 58103), (23, 58124), (24, 58127), (27, 58157), (34, 58313), (40, 58409), (46, 58580),

Gene: Gwennie1_70 Start: 58407, Stop: 58967, Start Num: 20
Candidate Starts for Gwennie1_70:
(3, 58173), (4, 58233), (5, 58245), (8, 58266), (11, 58326), (16, 58365), (Start: 19 @58395 has 61 MA's), (Start: 20 @58407 has 236 MA's), (23, 58464), (24, 58467), (27, 58497), (34, 58653), (40, 58749), (47, 58932), (48, 58935),

Gene: Gwilliam_72 Start: 58915, Stop: 59499, Start Num: 20
Candidate Starts for Gwilliam_72:
(3, 58681), (5, 58753), (8, 58774), (11, 58834), (16, 58873), (Start: 19 @58903 has 61 MA's), (Start: 20 @58915 has 236 MA's), (21, 58951), (23, 58972), (24, 58975), (27, 59005), (34, 59161), (40, 59257), (47, 59440), (48, 59443), (49, 59467),

Gene: Gyarad_0070 Start: 57859, Stop: 58452, Start Num: 19
Candidate Starts for Gyarad_0070:
(3, 57637), (5, 57709), (8, 57730), (11, 57790), (16, 57829), (Start: 19 @57859 has 61 MA's), (Start: 20 @57871 has 236 MA's), (21, 57907), (23, 57928), (24, 57931), (27, 57961), (34, 58117), (40, 58213), (47, 58396), (48, 58399),

Gene: HSavage_69 Start: 58061, Stop: 58645, Start Num: 20
Candidate Starts for HSavage_69:
(3, 57839), (5, 57911), (8, 57932), (11, 57989), (13, 58001), (16, 58019), (Start: 19 @58049 has 61 MA's), (Start: 20 @58061 has 236 MA's), (21, 58097), (23, 58118), (24, 58121), (27, 58151), (34, 58307), (40, 58403), (47, 58586), (48, 58589), (49, 58613),

Gene: Haimas_69 Start: 58002, Stop: 58586, Start Num: 20
Candidate Starts for Haimas_69:
(3, 57768), (4, 57828), (5, 57840), (8, 57861), (11, 57921), (16, 57960), (Start: 19 @57990 has 61 MA's), (Start: 20 @58002 has 236 MA's), (21, 58038), (23, 58059), (24, 58062), (27, 58092), (34, 58248), (40, 58344), (47, 58527), (48, 58530), (49, 58554),

Gene: Haleema_70 Start: 58080, Stop: 58673, Start Num: 19
Candidate Starts for Haleema_70:
(3, 57858), (4, 57918), (5, 57930), (8, 57951), (11, 58011), (16, 58050), (Start: 19 @58080 has 61 MA's), (Start: 20 @58092 has 236 MA's), (21, 58128), (23, 58149), (24, 58152), (27, 58182), (34, 58338), (40, 58434), (47, 58617), (48, 58620),

Gene: Hamish_68 Start: 58099, Stop: 58683, Start Num: 20
Candidate Starts for Hamish_68:
(3, 57874), (5, 57946), (8, 57967), (11, 58027), (13, 58039), (16, 58057), (Start: 19 @58087 has 61 MA's), (Start: 20 @58099 has 236 MA's), (21, 58135), (23, 58156), (24, 58159), (27, 58189), (34, 58345), (40, 58441), (47, 58624), (48, 58627), (49, 58651),

Gene: Happabalu_69 Start: 59194, Stop: 59778, Start Num: 20
Candidate Starts for Happabalu_69:
(3, 58960), (4, 59020), (5, 59032), (8, 59053), (11, 59113), (16, 59152), (Start: 19 @59182 has 61 MA's), (Start: 20 @59194 has 236 MA's), (21, 59230), (23, 59251), (24, 59254), (27, 59284), (34, 59440), (40, 59536), (47, 59719), (48, 59722), (49, 59746),

Gene: Hartsy_70 Start: 58204, Stop: 58788, Start Num: 20
Candidate Starts for Hartsy_70:
(3, 57970), (5, 58042), (8, 58063), (11, 58123), (16, 58162), (Start: 19 @58192 has 61 MA's), (Start: 20 @58204 has 236 MA's), (21, 58240), (23, 58261), (24, 58264), (27, 58294), (34, 58450), (40, 58546), (47, 58729), (48, 58732), (49, 58756),

Gene: Harvey_68 Start: 58031, Stop: 58612, Start Num: 20
Candidate Starts for Harvey_68:
(3, 57797), (4, 57857), (5, 57869), (8, 57890), (11, 57950), (16, 57989), (Start: 19 @58019 has 61 MA's), (Start: 20 @58031 has 236 MA's), (21, 58067), (23, 58088), (24, 58091), (27, 58121), (34, 58277), (40, 58373), (47, 58556), (48, 58559),

Gene: Hekos_69 Start: 57896, Stop: 58477, Start Num: 20
Candidate Starts for Hekos_69:
(3, 57674), (5, 57746), (8, 57767), (11, 57827), (16, 57854), (Start: 19 @57884 has 61 MA's), (Start: 20 @57896 has 236 MA's), (21, 57932), (23, 57953), (24, 57956), (27, 57986), (34, 58142), (40, 58238), (47, 58421), (48, 58424),

Gene: Held_69 Start: 58005, Stop: 58580, Start Num: 20
Candidate Starts for Held_69:
(3, 57771), (4, 57831), (5, 57843), (8, 57864), (11, 57924), (16, 57963), (Start: 19 @57993 has 61 MA's), (Start: 20 @58005 has 236 MA's), (21, 58041), (23, 58062), (24, 58065), (27, 58095), (34, 58251), (40, 58347), (46, 58518),

Gene: HenryJackson_72 Start: 58719, Stop: 59303, Start Num: 20
Candidate Starts for HenryJackson_72:
(3, 58485), (4, 58545), (5, 58557), (8, 58578), (11, 58638), (16, 58677), (Start: 19 @58707 has 61 MA's), (Start: 20 @58719 has 236 MA's), (21, 58755), (23, 58776), (24, 58779), (27, 58809), (34, 58965), (40, 59061), (47, 59244), (48, 59247), (49, 59271),

Gene: Hertubise_71 Start: 58485, Stop: 59069, Start Num: 20
Candidate Starts for Hertubise_71:
(3, 58251), (5, 58323), (8, 58344), (11, 58404), (16, 58443), (Start: 19 @58473 has 61 MA's), (Start: 20 @58485 has 236 MA's), (21, 58521), (23, 58542), (24, 58545), (27, 58575), (34, 58731), (40, 58827), (47, 59010), (48, 59013), (49, 59037),

Gene: Hetaeria_71 Start: 58404, Stop: 58976, Start Num: 19
Candidate Starts for Hetaeria_71:
(3, 58191), (5, 58263), (8, 58284), (11, 58344), (13, 58356), (16, 58374), (Start: 19 @58404 has 61 MA's), (Start: 20 @58416 has 236 MA's), (21, 58452), (23, 58473), (24, 58476), (27, 58506), (34, 58662), (40, 58758), (47, 58941), (48, 58944),

Gene: HighStump_72 Start: 58508, Stop: 59089, Start Num: 20
Candidate Starts for HighStump_72:
(3, 58274), (4, 58334), (5, 58346), (8, 58367), (11, 58427), (16, 58466), (Start: 19 @58496 has 61 MA's), (Start: 20 @58508 has 236 MA's), (21, 58544), (23, 58565), (24, 58568), (27, 58598), (34, 58754), (40, 58850), (47, 59033), (48, 59036),

Gene: Hocus_69 Start: 58023, Stop: 58604, Start Num: 20
Candidate Starts for Hocus_69:
(3, 57789), (5, 57861), (8, 57882), (11, 57942), (16, 57981), (Start: 19 @58011 has 61 MA's), (Start: 20 @58023 has 236 MA's), (21, 58059), (23, 58080), (24, 58083), (27, 58113), (34, 58269), (40, 58365),

(47, 58548), (48, 58551),

Gene: HogWash_71 Start: 58896, Stop: 59480, Start Num: 20
Candidate Starts for HogWash_71:
(3, 58662), (5, 58734), (8, 58755), (11, 58815), (16, 58854), (Start: 19 @58884 has 61 MA's), (Start: 20 @58896 has 236 MA's), (21, 58932), (23, 58953), (24, 58956), (27, 58986), (34, 59142), (40, 59238), (47, 59421), (48, 59424), (49, 59448),

Gene: Horchata_68 Start: 58026, Stop: 58601, Start Num: 20
Candidate Starts for Horchata_68:
(3, 57792), (4, 57852), (5, 57864), (8, 57885), (11, 57945), (16, 57984), (Start: 19 @58014 has 61 MA's), (Start: 20 @58026 has 236 MA's), (23, 58083), (24, 58086), (27, 58116), (34, 58272), (40, 58368), (46, 58539),

Gene: ImtiyazSitla_72 Start: 58397, Stop: 58990, Start Num: 19
Candidate Starts for ImtiyazSitla_72:
(2, 58145), (3, 58175), (5, 58247), (8, 58268), (11, 58328), (16, 58367), (Start: 19 @58397 has 61 MA's), (Start: 20 @58409 has 236 MA's), (21, 58445), (23, 58466), (24, 58469), (27, 58499), (34, 58655), (40, 58751), (47, 58934), (48, 58937),

Gene: Inchworm_72 Start: 58390, Stop: 58974, Start Num: 20
Candidate Starts for Inchworm_72:
(2, 58138), (3, 58168), (4, 58228), (5, 58240), (8, 58261), (11, 58321), (16, 58348), (Start: 19 @58378 has 61 MA's), (Start: 20 @58390 has 236 MA's), (21, 58426), (23, 58447), (24, 58450), (27, 58480), (34, 58636), (40, 58732), (47, 58915), (48, 58918), (49, 58942),

Gene: Inverness_69 Start: 58014, Stop: 58607, Start Num: 19
Candidate Starts for Inverness_69:
(3, 57801), (5, 57873), (8, 57894), (11, 57954), (16, 57984), (Start: 19 @58014 has 61 MA's), (Start: 20 @58026 has 236 MA's), (21, 58062), (23, 58083), (24, 58086), (27, 58116), (34, 58272), (40, 58368), (47, 58551), (48, 58554),

Gene: Iridessa_73 Start: 58123, Stop: 58719, Start Num: 19
Candidate Starts for Iridessa_73:
(3, 57910), (4, 57970), (5, 57982), (8, 58003), (11, 58063), (13, 58075), (16, 58093), (Start: 19 @58123 has 61 MA's), (Start: 20 @58135 has 236 MA's), (21, 58171), (23, 58192), (24, 58195), (27, 58225), (34, 58381), (40, 58477), (47, 58660), (48, 58663), (49, 58687),

Gene: Iridoclysis_70 Start: 58307, Stop: 58888, Start Num: 20
Candidate Starts for Iridoclysis_70:
(3, 58085), (5, 58157), (8, 58178), (11, 58235), (13, 58247), (16, 58265), (Start: 19 @58295 has 61 MA's), (Start: 20 @58307 has 236 MA's), (21, 58343), (23, 58364), (24, 58367), (27, 58397), (34, 58553), (40, 58649), (47, 58832), (48, 58835),

Gene: IsaacEli_73 Start: 58687, Stop: 59259, Start Num: 19
Candidate Starts for IsaacEli_73:
(3, 58474), (5, 58546), (8, 58567), (11, 58627), (13, 58639), (16, 58657), (Start: 19 @58687 has 61 MA's), (Start: 20 @58699 has 236 MA's), (21, 58735), (23, 58756), (24, 58759), (27, 58789), (34, 58945), (40, 59041), (47, 59224), (48, 59227),

Gene: JDog_70 Start: 58543, Stop: 59124, Start Num: 20
Candidate Starts for JDog_70:

(3, 58321), (4, 58381), (5, 58393), (8, 58414), (11, 58474), (16, 58501), (Start: 19 @58531 has 61 MA's), (Start: 20 @58543 has 236 MA's), (21, 58579), (23, 58600), (24, 58603), (27, 58633), (34, 58789), (40, 58885), (47, 59068), (48, 59071),

Gene: JacAttac_71 Start: 58017, Stop: 58601, Start Num: 20
Candidate Starts for JacAttac_71:
(3, 57795), (5, 57867), (8, 57888), (11, 57945), (13, 57957), (16, 57975), (Start: 19 @58005 has 61 MA's), (Start: 20 @58017 has 236 MA's), (21, 58053), (23, 58074), (24, 58077), (27, 58107), (34, 58263), (40, 58359), (47, 58542), (48, 58545), (49, 58569),

Gene: JakeO_72 Start: 58271, Stop: 58852, Start Num: 20
Candidate Starts for JakeO_72:
(3, 58046), (5, 58118), (8, 58139), (11, 58199), (13, 58211), (16, 58229), (Start: 19 @58259 has 61 MA's), (Start: 20 @58271 has 236 MA's), (23, 58328), (24, 58331), (27, 58361), (34, 58517), (40, 58613), (47, 58796), (48, 58799),

Gene: JangoPhett_69 Start: 58358, Stop: 58942, Start Num: 20
Candidate Starts for JangoPhett_69:
(3, 58136), (5, 58208), (8, 58229), (11, 58286), (13, 58298), (16, 58316), (Start: 19 @58346 has 61 MA's), (Start: 20 @58358 has 236 MA's), (21, 58394), (23, 58415), (24, 58418), (27, 58448), (34, 58604), (40, 58700), (47, 58883), (48, 58886), (49, 58910),

Gene: Jbug01_70 Start: 57913, Stop: 58494, Start Num: 20
Candidate Starts for Jbug01_70:
(3, 57688), (4, 57748), (5, 57760), (8, 57781), (11, 57841), (12, 57853), (16, 57871), (Start: 19 @57901 has 61 MA's), (Start: 20 @57913 has 236 MA's), (21, 57949), (23, 57970), (24, 57973), (27, 58003), (34, 58159), (40, 58255), (47, 58438), (48, 58441),

Gene: Jesabah_73 Start: 59123, Stop: 59707, Start Num: 20
Candidate Starts for Jesabah_73:
(3, 58901), (5, 58973), (8, 58994), (11, 59054), (16, 59081), (Start: 19 @59111 has 61 MA's), (Start: 20 @59123 has 236 MA's), (21, 59159), (23, 59180), (24, 59183), (27, 59213), (34, 59369), (40, 59465), (47, 59648), (48, 59651), (49, 59675),

Gene: Jillium_72 Start: 58714, Stop: 59295, Start Num: 20
Candidate Starts for Jillium_72:
(3, 58480), (4, 58540), (5, 58552), (8, 58573), (11, 58633), (16, 58672), (Start: 19 @58702 has 61 MA's), (Start: 20 @58714 has 236 MA's), (21, 58750), (23, 58771), (24, 58774), (27, 58804), (34, 58960), (40, 59056), (47, 59239), (48, 59242),

Gene: Jiminy_71 Start: 58107, Stop: 58682, Start Num: 20
Candidate Starts for Jiminy_71:
(3, 57882), (5, 57954), (8, 57975), (11, 58035), (13, 58047), (16, 58065), (Start: 19 @58095 has 61 MA's), (Start: 20 @58107 has 236 MA's), (21, 58143), (23, 58164), (24, 58167), (27, 58197), (34, 58353), (40, 58449), (46, 58620),

Gene: Jiraiya_72 Start: 58303, Stop: 58884, Start Num: 20
Candidate Starts for Jiraiya_72:
(3, 58078), (5, 58150), (8, 58171), (11, 58231), (13, 58243), (16, 58261), (Start: 19 @58291 has 61 MA's), (Start: 20 @58303 has 236 MA's), (21, 58339), (23, 58360), (24, 58363), (27, 58393), (34, 58549), (40, 58645), (47, 58828), (48, 58831),

Gene: KLucky39_69 Start: 57916, Stop: 58491, Start Num: 20

Candidate Starts for KLucky39_69:
(3, 57682), (5, 57754), (8, 57775), (11, 57835), (16, 57874), (Start: 19 @57904 has 61 MA's), (Start: 20 @57916 has 236 MA's), (21, 57952), (23, 57973), (24, 57976), (27, 58006), (34, 58162), (40, 58258), (46, 58429),

Gene: Kahve_72 Start: 58716, Stop: 59300, Start Num: 20
Candidate Starts for Kahve_72:
(3, 58482), (4, 58542), (5, 58554), (8, 58575), (11, 58635), (16, 58674), (Start: 19 @58704 has 61 MA's), (Start: 20 @58716 has 236 MA's), (21, 58752), (23, 58773), (24, 58776), (27, 58806), (34, 58962), (40, 59058), (47, 59241), (48, 59244), (49, 59268),

Gene: Kailash_69 Start: 58405, Stop: 58998, Start Num: 19
Candidate Starts for Kailash_69:
(3, 58192), (5, 58264), (8, 58285), (11, 58345), (13, 58357), (16, 58375), (Start: 19 @58405 has 61 MA's), (Start: 20 @58417 has 236 MA's), (21, 58453), (23, 58474), (24, 58477), (27, 58507), (34, 58663), (40, 58759), (47, 58942), (48, 58945),

Gene: Karn_71 Start: 58276, Stop: 58857, Start Num: 20
Candidate Starts for Karn_71:
(3, 58042), (4, 58102), (5, 58114), (8, 58135), (11, 58195), (Start: 19 @58264 has 61 MA's), (Start: 20 @58276 has 236 MA's), (21, 58312), (23, 58333), (24, 58336), (27, 58366), (34, 58522), (40, 58618), (47, 58801), (48, 58804),

Gene: Katniss_73 Start: 58156, Stop: 58737, Start Num: 20
Candidate Starts for Katniss_73:
(3, 57922), (5, 57994), (8, 58015), (11, 58075), (16, 58114), (Start: 19 @58144 has 61 MA's), (Start: 20 @58156 has 236 MA's), (21, 58192), (23, 58213), (24, 58216), (27, 58246), (34, 58402), (40, 58498), (47, 58681), (48, 58684),

Gene: Keitherie_74 Start: 58778, Stop: 59359, Start Num: 20
Candidate Starts for Keitherie_74:
(3, 58544), (5, 58616), (8, 58637), (11, 58697), (16, 58736), (Start: 19 @58766 has 61 MA's), (Start: 20 @58778 has 236 MA's), (23, 58835), (24, 58838), (27, 58868), (34, 59024), (40, 59120), (47, 59303), (48, 59306),

Gene: Khan1_70 Start: 58498, Stop: 59079, Start Num: 20
Candidate Starts for Khan1_70:
(3, 58264), (5, 58336), (8, 58357), (11, 58417), (16, 58456), (Start: 19 @58486 has 61 MA's), (Start: 20 @58498 has 236 MA's), (21, 58534), (23, 58555), (24, 58558), (27, 58588), (34, 58744), (40, 58840), (47, 59023), (48, 59026),

Gene: Kikipoo_73 Start: 58687, Stop: 59259, Start Num: 19
Candidate Starts for Kikipoo_73:
(3, 58474), (5, 58546), (8, 58567), (11, 58627), (13, 58639), (16, 58657), (Start: 19 @58687 has 61 MA's), (Start: 20 @58699 has 236 MA's), (21, 58735), (23, 58756), (24, 58759), (27, 58789), (34, 58945), (40, 59041), (47, 59224), (48, 59227),

Gene: Kimbrough_72 Start: 58602, Stop: 59183, Start Num: 20
Candidate Starts for Kimbrough_72:
(3, 58380), (5, 58452), (8, 58473), (11, 58530), (13, 58542), (16, 58560), (Start: 19 @58590 has 61 MA's), (Start: 20 @58602 has 236 MA's), (21, 58638), (23, 58659), (24, 58662), (27, 58692), (34, 58848), (40, 58944), (47, 59127), (48, 59130),

Gene: KingTut_62 Start: 54763, Stop: 55347, Start Num: 20
Candidate Starts for KingTut_62:
(3, 54529), (4, 54589), (5, 54601), (8, 54622), (11, 54682), (16, 54721), (Start: 19 @54751 has 61 MA's), (Start: 20 @54763 has 236 MA's), (21, 54799), (23, 54820), (24, 54823), (27, 54853), (34, 55009), (40, 55105), (47, 55288), (48, 55291), (49, 55315),

Gene: KingVeVeVe_69 Start: 57554, Stop: 58141, Start Num: 19
Candidate Starts for KingVeVeVe_69:
(3, 57332), (5, 57404), (8, 57425), (11, 57485), (16, 57524), (Start: 19 @57554 has 61 MA's), (Start: 20 @57566 has 236 MA's), (21, 57602), (23, 57623), (24, 57626), (27, 57656), (34, 57812), (40, 57908), (46, 58079),

Gene: Kiwot_71 Start: 58174, Stop: 58767, Start Num: 19
Candidate Starts for Kiwot_71:
(3, 57961), (5, 58033), (8, 58054), (11, 58114), (12, 58126), (16, 58144), (Start: 19 @58174 has 61 MA's), (Start: 20 @58186 has 236 MA's), (21, 58222), (23, 58243), (24, 58246), (27, 58276), (34, 58432), (40, 58528), (47, 58711), (48, 58714),

Gene: KlimbOn_70 Start: 58034, Stop: 58615, Start Num: 20
Candidate Starts for KlimbOn_70:
(3, 57809), (5, 57881), (8, 57902), (11, 57962), (13, 57974), (16, 57992), (Start: 19 @58022 has 61 MA's), (Start: 20 @58034 has 236 MA's), (21, 58070), (23, 58091), (24, 58094), (27, 58124), (34, 58280), (40, 58376), (47, 58559), (48, 58562),

Gene: Kloppinator_71 Start: 58215, Stop: 58796, Start Num: 20
Candidate Starts for Kloppinator_71:
(3, 57990), (5, 58062), (8, 58083), (11, 58143), (13, 58155), (16, 58173), (Start: 19 @58203 has 61 MA's), (Start: 20 @58215 has 236 MA's), (21, 58251), (23, 58272), (24, 58275), (27, 58305), (34, 58461), (40, 58557), (47, 58740), (48, 58743),

Gene: Kwadwo_70 Start: 58023, Stop: 58607, Start Num: 20
Candidate Starts for Kwadwo_70:
(3, 57789), (4, 57849), (5, 57861), (8, 57882), (11, 57942), (16, 57981), (Start: 19 @58011 has 61 MA's), (Start: 20 @58023 has 236 MA's), (21, 58059), (23, 58080), (24, 58083), (27, 58113), (34, 58269), (40, 58365), (47, 58548), (48, 58551), (49, 58575),

Gene: Kwksand96_72 Start: 58278, Stop: 58871, Start Num: 19
Candidate Starts for Kwksand96_72:
(2, 58026), (3, 58056), (5, 58128), (8, 58149), (11, 58209), (16, 58248), (Start: 19 @58278 has 61 MA's), (Start: 20 @58290 has 236 MA's), (21, 58326), (23, 58347), (24, 58350), (27, 58380), (34, 58536), (40, 58632), (47, 58815), (48, 58818),

Gene: Labeouficaum_71 Start: 58100, Stop: 58681, Start Num: 20
Candidate Starts for Labeouficaum_71:
(3, 57869), (4, 57929), (5, 57941), (8, 57962), (11, 58019), (16, 58058), (Start: 19 @58088 has 61 MA's), (Start: 20 @58100 has 236 MA's), (21, 58136), (23, 58157), (24, 58160), (27, 58190), (34, 58346), (40, 58442), (47, 58625), (48, 58628),

Gene: Larson_73 Start: 58365, Stop: 58949, Start Num: 20
Candidate Starts for Larson_73:
(3, 58131), (5, 58203), (8, 58224), (11, 58284), (16, 58323), (Start: 19 @58353 has 61 MA's), (Start: 20 @58365 has 236 MA's), (23, 58422), (24, 58425), (27, 58455), (34, 58611), (40, 58707), (47, 58890), (48, 58893), (49, 58917),

Gene: LasagnaCat_72 Start: 58402, Stop: 58986, Start Num: 20
Candidate Starts for LasagnaCat_72:
(3, 58180), (5, 58252), (8, 58273), (11, 58333), (16, 58360), (Start: 19 @58390 has 61 MA's), (Start: 20 @58402 has 236 MA's), (21, 58438), (23, 58459), (24, 58462), (27, 58492), (34, 58648), (40, 58744), (47, 58927), (48, 58930), (49, 58954),

Gene: Lasso_70 Start: 58241, Stop: 58834, Start Num: 19
Candidate Starts for Lasso_70:
(3, 58019), (4, 58079), (5, 58091), (8, 58112), (11, 58172), (16, 58211), (Start: 19 @58241 has 61 MA's), (Start: 20 @58253 has 236 MA's), (21, 58289), (23, 58310), (24, 58313), (27, 58343), (34, 58499), (40, 58595), (47, 58778), (48, 58781),

Gene: LeeLot_70 Start: 58609, Stop: 59190, Start Num: 20
Candidate Starts for LeeLot_70:
(3, 58375), (4, 58435), (5, 58447), (8, 58468), (11, 58528), (16, 58567), (Start: 19 @58597 has 61 MA's), (Start: 20 @58609 has 236 MA's), (21, 58645), (23, 58666), (24, 58669), (27, 58699), (34, 58855), (40, 58951), (47, 59134), (48, 59137),

Gene: Lego3393_69 Start: 58711, Stop: 59307, Start Num: 19
Candidate Starts for Lego3393_69:
(3, 58501), (5, 58573), (8, 58594), (11, 58651), (13, 58663), (16, 58681), (Start: 19 @58711 has 61 MA's), (Start: 20 @58723 has 236 MA's), (21, 58759), (23, 58780), (24, 58783), (27, 58813), (34, 58969), (40, 59065), (47, 59248), (48, 59251), (49, 59275),

Gene: Legolas_72 Start: 58348, Stop: 58929, Start Num: 20
Candidate Starts for Legolas_72:
(3, 58114), (4, 58174), (5, 58186), (8, 58207), (11, 58267), (16, 58306), (Start: 19 @58336 has 61 MA's), (Start: 20 @58348 has 236 MA's), (21, 58384), (23, 58405), (24, 58408), (27, 58438), (34, 58594), (40, 58690), (47, 58873), (48, 58876),

Gene: Lehmann_73 Start: 58582, Stop: 59163, Start Num: 20
Candidate Starts for Lehmann_73:
(3, 58357), (5, 58429), (8, 58450), (11, 58510), (16, 58540), (Start: 19 @58570 has 61 MA's), (Start: 20 @58582 has 236 MA's), (21, 58618), (23, 58639), (24, 58642), (27, 58672), (34, 58828), (40, 58924), (47, 59107), (48, 59110),

Gene: LeiMonet_74 Start: 58486, Stop: 59067, Start Num: 20
Candidate Starts for LeiMonet_74:
(3, 58252), (5, 58324), (8, 58345), (11, 58405), (16, 58444), (Start: 19 @58474 has 61 MA's), (Start: 20 @58486 has 236 MA's), (21, 58522), (23, 58543), (24, 58546), (27, 58576), (34, 58732), (40, 58828), (47, 59011), (48, 59014),

Gene: LemonSlice_71 Start: 58000, Stop: 58581, Start Num: 20
Candidate Starts for LemonSlice_71:
(3, 57766), (4, 57826), (5, 57838), (8, 57859), (11, 57919), (16, 57958), (Start: 19 @57988 has 61 MA's), (Start: 20 @58000 has 236 MA's), (21, 58036), (23, 58057), (24, 58060), (27, 58090), (34, 58246), (40, 58342), (47, 58525), (48, 58528),

Gene: Longacauda_72 Start: 58389, Stop: 58964, Start Num: 20
Candidate Starts for Longacauda_72:
(3, 58155), (4, 58215), (5, 58227), (8, 58248), (11, 58308), (16, 58347), (Start: 19 @58377 has 61 MA's), (Start: 20 @58389 has 236 MA's), (21, 58425), (23, 58446), (24, 58449), (27, 58479), (34,

58635), (40, 58731), (46, 58902),

Gene: Lopsy_68 Start: 57692, Stop: 58288, Start Num: 19
Candidate Starts for Lopsy_68:
(3, 57479), (5, 57551), (8, 57572), (11, 57632), (13, 57644), (16, 57662), (Start: 19 @57692 has 61 MA's), (Start: 20 @57704 has 236 MA's), (21, 57740), (23, 57761), (24, 57764), (27, 57794), (34, 57950), (40, 58046), (47, 58229), (48, 58232), (49, 58256),

Gene: LostAndPhound_70 Start: 58553, Stop: 59134, Start Num: 20
Candidate Starts for LostAndPhound_70:
(3, 58319), (4, 58379), (5, 58391), (8, 58412), (11, 58472), (16, 58511), (Start: 19 @58541 has 61 MA's), (Start: 20 @58553 has 236 MA's), (21, 58589), (23, 58610), (24, 58613), (27, 58643), (34, 58799), (40, 58895), (47, 59078), (48, 59081),

Gene: LuckyMarjie_68 Start: 57762, Stop: 58346, Start Num: 20
Candidate Starts for LuckyMarjie_68:
(3, 57540), (5, 57612), (8, 57633), (11, 57690), (13, 57702), (16, 57720), (Start: 19 @57750 has 61 MA's), (Start: 20 @57762 has 236 MA's), (21, 57798), (23, 57819), (24, 57822), (27, 57852), (34, 58008), (40, 58104), (47, 58287), (48, 58290), (49, 58314),

Gene: Lulumae_68 Start: 57746, Stop: 58327, Start Num: 20
Candidate Starts for Lulumae_68:
(3, 57524), (4, 57584), (5, 57596), (8, 57617), (11, 57674), (13, 57686), (16, 57704), (Start: 19 @57734 has 61 MA's), (Start: 20 @57746 has 236 MA's), (21, 57782), (23, 57803), (24, 57806), (27, 57836), (34, 57992), (40, 58088), (47, 58271), (48, 58274),

Gene: Lulwa_69 Start: 57377, Stop: 57958, Start Num: 20
Candidate Starts for Lulwa_69:
(3, 57143), (5, 57215), (8, 57236), (11, 57296), (16, 57335), (Start: 19 @57365 has 61 MA's), (Start: 20 @57377 has 236 MA's), (21, 57413), (23, 57434), (24, 57437), (27, 57467), (34, 57623), (40, 57719), (47, 57902), (48, 57905),

Gene: Lumine_72 Start: 58200, Stop: 58784, Start Num: 20
Candidate Starts for Lumine_72:
(3, 57978), (5, 58050), (8, 58071), (11, 58128), (13, 58140), (16, 58158), (Start: 19 @58188 has 61 MA's), (Start: 20 @58200 has 236 MA's), (21, 58236), (23, 58257), (24, 58260), (27, 58290), (34, 58446), (40, 58542), (47, 58725), (48, 58728), (49, 58752),

Gene: MRabcd_71 Start: 58472, Stop: 59059, Start Num: 19
Candidate Starts for MRabcd_71:
(3, 58262), (4, 58322), (5, 58334), (8, 58355), (11, 58415), (16, 58442), (Start: 19 @58472 has 61 MA's), (Start: 20 @58484 has 236 MA's), (21, 58520), (23, 58541), (24, 58544), (27, 58574), (34, 58730), (40, 58826), (46, 58997),

Gene: Mag7_69 Start: 57961, Stop: 58542, Start Num: 20
Candidate Starts for Mag7_69:
(3, 57736), (5, 57808), (8, 57829), (11, 57889), (13, 57901), (16, 57919), (Start: 19 @57949 has 61 MA's), (Start: 20 @57961 has 236 MA's), (21, 57997), (23, 58018), (24, 58021), (27, 58051), (34, 58207), (40, 58303), (47, 58486), (48, 58489),

Gene: Magic8_70 Start: 58325, Stop: 58906, Start Num: 20
Candidate Starts for Magic8_70:

(3, 58100), (5, 58172), (8, 58193), (11, 58253), (13, 58265), (16, 58283), (Start: 19 @58313 has 61 MA's), (Start: 20 @58325 has 236 MA's), (21, 58361), (23, 58382), (24, 58385), (27, 58415), (34, 58571), (40, 58667), (47, 58850), (48, 58853),

Gene: Mana_70 Start: 58169, Stop: 58750, Start Num: 20
Candidate Starts for Mana_70:
(3, 57935), (4, 57995), (5, 58007), (8, 58028), (11, 58088), (16, 58127), (Start: 19 @58157 has 61 MA's), (Start: 20 @58169 has 236 MA's), (21, 58205), (23, 58226), (24, 58229), (27, 58259), (34, 58415), (40, 58511), (47, 58694), (48, 58697),

Gene: Manad_70 Start: 58304, Stop: 58900, Start Num: 19
Candidate Starts for Manad_70:
(3, 58091), (5, 58163), (8, 58184), (11, 58244), (13, 58256), (16, 58274), (Start: 19 @58304 has 61 MA's), (Start: 20 @58316 has 236 MA's), (21, 58352), (23, 58373), (24, 58376), (27, 58406), (34, 58562), (40, 58658), (47, 58841), (48, 58844), (49, 58868),

Gene: Maru_71 Start: 58608, Stop: 59189, Start Num: 20
Candidate Starts for Maru_71:
(3, 58374), (5, 58446), (8, 58467), (11, 58527), (16, 58566), (Start: 19 @58596 has 61 MA's), (Start: 20 @58608 has 236 MA's), (21, 58644), (23, 58665), (24, 58668), (27, 58698), (34, 58854), (40, 58950), (47, 59133), (48, 59136),

Gene: Maskar_72 Start: 58397, Stop: 58990, Start Num: 19
Candidate Starts for Maskar_72:
(2, 58145), (3, 58175), (5, 58247), (8, 58268), (11, 58328), (16, 58367), (Start: 19 @58397 has 61 MA's), (Start: 20 @58409 has 236 MA's), (21, 58445), (23, 58466), (24, 58469), (27, 58499), (34, 58655), (40, 58751), (47, 58934), (48, 58937),

Gene: Matalotodo_70 Start: 58996, Stop: 59589, Start Num: 19
Candidate Starts for Matalotodo_70:
(3, 58774), (5, 58846), (8, 58867), (11, 58927), (16, 58966), (Start: 19 @58996 has 61 MA's), (Start: 20 @59008 has 236 MA's), (21, 59044), (23, 59065), (24, 59068), (27, 59098), (34, 59254), (40, 59350), (47, 59533), (48, 59536),

Gene: Mcshane_70 Start: 58024, Stop: 58608, Start Num: 20
Candidate Starts for Mcshane_70:
(3, 57802), (5, 57874), (8, 57895), (11, 57952), (13, 57964), (16, 57982), (Start: 19 @58012 has 61 MA's), (Start: 20 @58024 has 236 MA's), (21, 58060), (23, 58081), (24, 58084), (27, 58114), (34, 58270), (40, 58366), (47, 58549), (48, 58552), (49, 58576),

Gene: Mecca_71 Start: 58589, Stop: 59164, Start Num: 20
Candidate Starts for Mecca_71:
(3, 58367), (5, 58439), (8, 58460), (11, 58517), (13, 58529), (16, 58547), (Start: 19 @58577 has 61 MA's), (Start: 20 @58589 has 236 MA's), (21, 58625), (23, 58646), (24, 58649), (27, 58679), (34, 58835), (40, 58931), (46, 59102),

Gene: Megamind20_71 Start: 57997, Stop: 58590, Start Num: 19
Candidate Starts for Megamind20_71:
(3, 57790), (5, 57862), (8, 57883), (11, 57943), (16, 57967), (Start: 19 @57997 has 61 MA's), (Start: 20 @58009 has 236 MA's), (21, 58045), (23, 58066), (24, 58069), (27, 58099), (34, 58255), (40, 58351), (47, 58534), (48, 58537),

Gene: Megatron_72 Start: 58695, Stop: 59279, Start Num: 20

Candidate Starts for Megatron_72:
(3, 58461), (5, 58533), (8, 58554), (11, 58614), (16, 58653), (Start: 19 @58683 has 61 MA's), (Start: 20 @58695 has 236 MA's), (21, 58731), (23, 58752), (24, 58755), (27, 58785), (34, 58941), (40, 59037), (47, 59220), (48, 59223), (49, 59247),

Gene: Melc17_68 Start: 58624, Stop: 59217, Start Num: 19
Candidate Starts for Melc17_68:
(3, 58402), (4, 58462), (5, 58474), (8, 58495), (11, 58555), (16, 58594), (Start: 19 @58624 has 61 MA's), (Start: 20 @58636 has 236 MA's), (21, 58672), (23, 58693), (24, 58696), (27, 58726), (34, 58882), (40, 58978), (47, 59161), (48, 59164),

Gene: MelsMeow_70 Start: 58288, Stop: 58869, Start Num: 20
Candidate Starts for MelsMeow_70:
(3, 58054), (5, 58126), (8, 58147), (11, 58207), (16, 58246), (Start: 19 @58276 has 61 MA's), (Start: 20 @58288 has 236 MA's), (21, 58324), (23, 58345), (24, 58348), (27, 58378), (34, 58534), (40, 58630), (47, 58813), (48, 58816),

Gene: Mesh1_72 Start: 58744, Stop: 59325, Start Num: 20
Candidate Starts for Mesh1_72:
(3, 58510), (4, 58570), (5, 58582), (8, 58603), (11, 58663), (16, 58702), (Start: 19 @58732 has 61 MA's), (Start: 20 @58744 has 236 MA's), (21, 58780), (23, 58801), (24, 58804), (27, 58834), (34, 58990), (40, 59086), (47, 59269), (48, 59272),

Gene: Mesmerelda_70 Start: 58582, Stop: 59163, Start Num: 20
Candidate Starts for Mesmerelda_70:
(3, 58360), (5, 58432), (8, 58453), (11, 58510), (13, 58522), (16, 58540), (Start: 19 @58570 has 61 MA's), (Start: 20 @58582 has 236 MA's), (21, 58618), (23, 58639), (24, 58642), (27, 58672), (34, 58828), (40, 58924), (47, 59107), (48, 59110),

Gene: MichaelPhcott_69 Start: 57958, Stop: 58539, Start Num: 20
Candidate Starts for MichaelPhcott_69:
(3, 57733), (5, 57805), (8, 57826), (11, 57886), (13, 57898), (16, 57916), (Start: 19 @57946 has 61 MA's), (Start: 20 @57958 has 236 MA's), (21, 57994), (23, 58015), (24, 58018), (27, 58048), (34, 58204), (40, 58300), (47, 58483), (48, 58486),

Gene: Mikota_68 Start: 57564, Stop: 58139, Start Num: 20
Candidate Starts for Mikota_68:
(3, 57330), (5, 57402), (8, 57423), (11, 57480), (17, 57531), (Start: 19 @57552 has 61 MA's), (Start: 20 @57564 has 236 MA's), (21, 57600), (23, 57621), (24, 57624), (27, 57654), (34, 57810), (40, 57906), (46, 58077),

Gene: MiniBoss_68 Start: 57339, Stop: 57914, Start Num: 20
Candidate Starts for MiniBoss_68:
(3, 57105), (5, 57177), (8, 57198), (11, 57255), (17, 57306), (Start: 19 @57327 has 61 MA's), (Start: 20 @57339 has 236 MA's), (21, 57375), (23, 57396), (24, 57399), (27, 57429), (34, 57585), (40, 57681), (46, 57852),

Gene: MitKao_71 Start: 58178, Stop: 58759, Start Num: 20
Candidate Starts for MitKao_71:
(3, 57944), (4, 58004), (5, 58016), (8, 58037), (11, 58097), (16, 58136), (Start: 19 @58166 has 61 MA's), (Start: 20 @58178 has 236 MA's), (21, 58214), (23, 58235), (24, 58238), (27, 58268), (34, 58424), (40, 58520), (47, 58703), (48, 58706),

Gene: Morgushi_69 Start: 57993, Stop: 58574, Start Num: 20
Candidate Starts for Morgushi_69:
(3, 57759), (4, 57819), (5, 57831), (8, 57852), (11, 57912), (16, 57951), (Start: 19 @57981 has 61 MA's), (Start: 20 @57993 has 236 MA's), (21, 58029), (23, 58050), (24, 58053), (27, 58083), (34, 58239), (40, 58335), (47, 58518), (48, 58521),

Gene: Morty_72 Start: 58586, Stop: 59170, Start Num: 20
Candidate Starts for Morty_72:
(3, 58352), (5, 58424), (8, 58445), (11, 58505), (16, 58544), (Start: 19 @58574 has 61 MA's), (Start: 20 @58586 has 236 MA's), (21, 58622), (23, 58643), (24, 58646), (27, 58676), (34, 58832), (40, 58928), (47, 59111), (48, 59114), (49, 59138),

Gene: Mosaic_69 Start: 58173, Stop: 58754, Start Num: 20
Candidate Starts for Mosaic_69:
(3, 57939), (4, 57999), (5, 58011), (8, 58032), (11, 58092), (16, 58131), (Start: 19 @58161 has 61 MA's), (Start: 20 @58173 has 236 MA's), (21, 58209), (23, 58230), (24, 58233), (27, 58263), (34, 58419), (40, 58515), (47, 58698), (48, 58701),

Gene: MrPhizzler_74 Start: 58475, Stop: 59056, Start Num: 20
Candidate Starts for MrPhizzler_74:
(3, 58241), (4, 58301), (5, 58313), (8, 58334), (11, 58394), (16, 58433), (Start: 19 @58463 has 61 MA's), (Start: 20 @58475 has 236 MA's), (21, 58511), (23, 58532), (24, 58535), (27, 58565), (34, 58721), (40, 58817), (47, 59000), (48, 59003),

Gene: Mulan_70 Start: 58221, Stop: 58802, Start Num: 20
Candidate Starts for Mulan_70:
(3, 57999), (4, 58059), (5, 58071), (8, 58092), (16, 58179), (Start: 19 @58209 has 61 MA's), (Start: 20 @58221 has 236 MA's), (21, 58257), (23, 58278), (24, 58281), (27, 58311), (34, 58467), (40, 58563), (47, 58746), (48, 58749),

Gene: Murdoc_68 Start: 58282, Stop: 58863, Start Num: 20
Candidate Starts for Murdoc_68:
(3, 58048), (4, 58108), (5, 58120), (8, 58141), (11, 58201), (16, 58240), (Start: 19 @58270 has 61 MA's), (Start: 20 @58282 has 236 MA's), (21, 58318), (23, 58339), (24, 58342), (27, 58372), (34, 58528), (40, 58624), (47, 58807), (48, 58810),

Gene: Mutante_72 Start: 58180, Stop: 58764, Start Num: 20
Candidate Starts for Mutante_72:
(3, 57958), (4, 58018), (5, 58030), (8, 58051), (11, 58111), (16, 58138), (Start: 19 @58168 has 61 MA's), (Start: 20 @58180 has 236 MA's), (21, 58216), (23, 58237), (24, 58240), (27, 58270), (34, 58426), (40, 58522), (47, 58705), (48, 58708), (49, 58732),

Gene: Nacho_0074 Start: 59074, Stop: 59661, Start Num: 19
Candidate Starts for Nacho_0074:
(3, 58852), (5, 58924), (8, 58945), (11, 59005), (16, 59044), (Start: 19 @59074 has 61 MA's), (Start: 20 @59086 has 236 MA's), (21, 59122), (23, 59143), (24, 59146), (27, 59176), (34, 59332), (40, 59428), (46, 59599),

Gene: Nathan_72 Start: 58544, Stop: 59119, Start Num: 20
Candidate Starts for Nathan_72:
(3, 58310), (5, 58382), (8, 58403), (11, 58463), (16, 58502), (Start: 19 @58532 has 61 MA's), (Start: 20 @58544 has 236 MA's), (21, 58580), (23, 58601), (24, 58604), (27, 58634), (34, 58790), (40, 58886), (46, 59057),

Gene: Nehme_68 Start: 58369, Stop: 58950, Start Num: 20
Candidate Starts for Nehme_68:
(2, 58105), (3, 58135), (5, 58207), (8, 58228), (11, 58288), (16, 58327), (Start: 19 @58357 has 61 MA's), (Start: 20 @58369 has 236 MA's), (21, 58405), (23, 58426), (24, 58429), (27, 58459), (34, 58615), (40, 58711), (47, 58894), (48, 58897),

Gene: Newman_69 Start: 58342, Stop: 58938, Start Num: 19
Candidate Starts for Newman_69:
(3, 58129), (5, 58201), (8, 58222), (11, 58282), (16, 58312), (Start: 19 @58342 has 61 MA's), (Start: 20 @58354 has 236 MA's), (21, 58390), (23, 58411), (24, 58414), (27, 58444), (34, 58600), (40, 58696), (47, 58879), (48, 58882),

Gene: NiaNia_72 Start: 58047, Stop: 58640, Start Num: 19
Candidate Starts for NiaNia_72:
(3, 57837), (5, 57909), (8, 57930), (11, 57987), (13, 57999), (16, 58017), (Start: 19 @58047 has 61 MA's), (Start: 20 @58059 has 236 MA's), (21, 58095), (23, 58116), (24, 58119), (27, 58149), (34, 58305), (40, 58401), (47, 58584), (48, 58587),

Gene: Nicole21_72 Start: 58316, Stop: 58897, Start Num: 20
Candidate Starts for Nicole21_72:
(3, 58094), (5, 58166), (8, 58187), (11, 58244), (13, 58256), (16, 58274), (Start: 19 @58304 has 61 MA's), (Start: 20 @58316 has 236 MA's), (21, 58352), (23, 58373), (24, 58376), (27, 58406), (34, 58562), (40, 58658), (47, 58841), (48, 58844),

Gene: Nova1_71 Start: 58162, Stop: 58743, Start Num: 20
Candidate Starts for Nova1_71:
(3, 57937), (5, 58009), (8, 58030), (11, 58090), (12, 58102), (16, 58120), (Start: 19 @58150 has 61 MA's), (Start: 20 @58162 has 236 MA's), (21, 58198), (23, 58219), (24, 58222), (27, 58252), (34, 58408), (40, 58504), (47, 58687), (48, 58690),

Gene: Numberten_70 Start: 58280, Stop: 58873, Start Num: 19
Candidate Starts for Numberten_70:
(3, 58058), (5, 58130), (8, 58151), (11, 58211), (16, 58250), (Start: 19 @58280 has 61 MA's), (Start: 20 @58292 has 236 MA's), (21, 58328), (23, 58349), (24, 58352), (27, 58382), (34, 58538), (40, 58634), (47, 58817), (48, 58820),

Gene: Nyala_70 Start: 58034, Stop: 58615, Start Num: 20
Candidate Starts for Nyala_70:
(3, 57812), (5, 57884), (8, 57905), (11, 57962), (13, 57974), (16, 57992), (Start: 19 @58022 has 61 MA's), (Start: 20 @58034 has 236 MA's), (21, 58070), (23, 58091), (24, 58094), (27, 58124), (34, 58280), (40, 58376), (47, 58559), (48, 58562),

Gene: OSmaximus_71 Start: 58783, Stop: 59370, Start Num: 19
Candidate Starts for OSmaximus_71:
(3, 58561), (4, 58621), (5, 58633), (8, 58654), (11, 58714), (16, 58753), (Start: 19 @58783 has 61 MA's), (Start: 20 @58795 has 236 MA's), (23, 58852), (24, 58855), (27, 58885), (34, 59041), (40, 59137), (46, 59308),

Gene: Olak_71 Start: 58184, Stop: 58768, Start Num: 20
Candidate Starts for Olak_71:
(3, 57962), (5, 58034), (8, 58055), (11, 58112), (13, 58124), (16, 58142), (Start: 19 @58172 has 61 MA's), (Start: 20 @58184 has 236 MA's), (21, 58220), (23, 58241), (24, 58244), (27, 58274), (34,

58430), (40, 58526), (47, 58709), (48, 58712), (49, 58736),

Gene: Oline_70 Start: 58186, Stop: 58767, Start Num: 20
Candidate Starts for Oline_70:
(3, 57961), (5, 58033), (8, 58054), (11, 58114), (13, 58126), (16, 58144), (Start: 19 @58174 has 61 MA's), (Start: 20 @58186 has 236 MA's), (21, 58222), (23, 58243), (24, 58246), (27, 58276), (34, 58432), (40, 58528), (47, 58711), (48, 58714),

Gene: Olive_69 Start: 58253, Stop: 58837, Start Num: 20
Candidate Starts for Olive_69:
(3, 58031), (4, 58091), (5, 58103), (8, 58124), (11, 58181), (13, 58193), (16, 58211), (Start: 19 @58241 has 61 MA's), (Start: 20 @58253 has 236 MA's), (21, 58289), (23, 58310), (24, 58313), (27, 58343), (34, 58499), (40, 58595), (47, 58778), (48, 58781), (49, 58805),

Gene: OliverWalter_71 Start: 58491, Stop: 59087, Start Num: 19
Candidate Starts for OliverWalter_71:
(3, 58281), (5, 58353), (8, 58374), (11, 58431), (13, 58443), (16, 58461), (Start: 19 @58491 has 61 MA's), (Start: 20 @58503 has 236 MA's), (21, 58539), (23, 58560), (24, 58563), (27, 58593), (34, 58749), (40, 58845), (47, 59028), (48, 59031), (49, 59055),

Gene: Omniscient_72 Start: 58897, Stop: 59472, Start Num: 20
Candidate Starts for Omniscient_72:
(3, 58675), (5, 58747), (8, 58768), (11, 58825), (13, 58837), (16, 58855), (Start: 19 @58885 has 61 MA's), (Start: 20 @58897 has 236 MA's), (21, 58933), (23, 58954), (24, 58957), (27, 58987), (34, 59143), (40, 59239), (46, 59410),

Gene: OneBrain_74 Start: 58273, Stop: 58854, Start Num: 20
Candidate Starts for OneBrain_74:
(3, 58051), (4, 58111), (5, 58123), (8, 58144), (11, 58201), (13, 58213), (16, 58231), (Start: 19 @58261 has 61 MA's), (Start: 20 @58273 has 236 MA's), (21, 58309), (23, 58330), (24, 58333), (27, 58363), (34, 58519), (40, 58615), (47, 58798), (48, 58801),

Gene: Oosterbaan_71 Start: 58460, Stop: 59032, Start Num: 19
Candidate Starts for Oosterbaan_71:
(3, 58238), (5, 58310), (8, 58331), (11, 58391), (16, 58430), (Start: 19 @58460 has 61 MA's), (Start: 20 @58472 has 236 MA's), (21, 58508), (23, 58529), (24, 58532), (27, 58562), (29, 58565), (34, 58718), (40, 58814), (47, 58997), (48, 59000),

Gene: Orfeu_70 Start: 58543, Stop: 59127, Start Num: 20
Candidate Starts for Orfeu_70:
(3, 58321), (5, 58393), (8, 58414), (11, 58471), (13, 58483), (16, 58501), (Start: 19 @58531 has 61 MA's), (Start: 20 @58543 has 236 MA's), (21, 58579), (23, 58600), (24, 58603), (27, 58633), (34, 58789), (40, 58885), (47, 59068), (48, 59071), (49, 59095),

Gene: Orion_71 Start: 58134, Stop: 58715, Start Num: 20
Candidate Starts for Orion_71:
(3, 57900), (5, 57972), (8, 57993), (11, 58053), (16, 58092), (Start: 19 @58122 has 61 MA's), (Start: 20 @58134 has 236 MA's), (21, 58170), (23, 58191), (24, 58194), (27, 58224), (34, 58380), (40, 58476), (47, 58659), (48, 58662),

Gene: Orwigg_70 Start: 57970, Stop: 58554, Start Num: 20
Candidate Starts for Orwigg_70:

(3, 57736), (5, 57808), (8, 57829), (11, 57889), (16, 57928), (Start: 19 @57958 has 61 MA's), (Start: 20 @57970 has 236 MA's), (21, 58006), (23, 58027), (24, 58030), (27, 58060), (34, 58216), (40, 58312), (47, 58495), (48, 58498), (49, 58522),

Gene: PG1_71 Start: 58705, Stop: 59286, Start Num: 20
Candidate Starts for PG1_71:
(3, 58471), (5, 58543), (8, 58564), (11, 58624), (16, 58663), (Start: 19 @58693 has 61 MA's), (Start: 20 @58705 has 236 MA's), (21, 58741), (23, 58762), (24, 58765), (27, 58795), (34, 58951), (40, 59047), (47, 59230), (48, 59233),

Gene: Pacifista_70 Start: 58035, Stop: 58616, Start Num: 20
Candidate Starts for Pacifista_70:
(3, 57813), (5, 57885), (8, 57906), (11, 57963), (13, 57975), (16, 57993), (Start: 19 @58023 has 61 MA's), (Start: 20 @58035 has 236 MA's), (21, 58071), (23, 58092), (24, 58095), (27, 58125), (34, 58281), (40, 58377), (47, 58560), (48, 58563),

Gene: PallasAthena_72 Start: 58012, Stop: 58596, Start Num: 20
Candidate Starts for PallasAthena_72:
(3, 57790), (4, 57850), (5, 57862), (8, 57883), (11, 57943), (16, 57970), (Start: 19 @58000 has 61 MA's), (Start: 20 @58012 has 236 MA's), (21, 58048), (23, 58069), (24, 58072), (27, 58102), (34, 58258), (40, 58354), (47, 58537), (48, 58540), (49, 58564),

Gene: Phamished_72 Start: 58204, Stop: 58785, Start Num: 20
Candidate Starts for Phamished_72:
(3, 57982), (5, 58054), (8, 58075), (11, 58132), (13, 58144), (16, 58162), (Start: 19 @58192 has 61 MA's), (Start: 20 @58204 has 236 MA's), (21, 58240), (23, 58261), (24, 58264), (27, 58294), (34, 58450), (40, 58546), (47, 58729), (48, 58732),

Gene: Phareon_69 Start: 57724, Stop: 58305, Start Num: 20
Candidate Starts for Phareon_69:
(3, 57490), (4, 57550), (5, 57562), (8, 57583), (11, 57643), (16, 57682), (Start: 19 @57712 has 61 MA's), (Start: 20 @57724 has 236 MA's), (21, 57760), (23, 57781), (24, 57784), (27, 57814), (34, 57970), (40, 58066), (47, 58249), (48, 58252),

Gene: PhatCats2014_72 Start: 58695, Stop: 59291, Start Num: 19
Candidate Starts for PhatCats2014_72:
(3, 58476), (5, 58548), (8, 58569), (11, 58626), (16, 58665), (Start: 19 @58695 has 61 MA's), (Start: 20 @58707 has 236 MA's), (21, 58743), (23, 58764), (24, 58767), (27, 58797), (34, 58953), (40, 59049), (47, 59232), (48, 59235), (49, 59259),

Gene: PhatLouie_73 Start: 58555, Stop: 59139, Start Num: 20
Candidate Starts for PhatLouie_73:
(3, 58321), (4, 58381), (5, 58393), (8, 58414), (11, 58474), (16, 58513), (Start: 19 @58543 has 61 MA's), (Start: 20 @58555 has 236 MA's), (21, 58591), (23, 58612), (24, 58615), (27, 58645), (34, 58801), (40, 58897), (47, 59080), (48, 59083), (49, 59107),

Gene: PhenghisKhan_71 Start: 58172, Stop: 58756, Start Num: 20
Candidate Starts for PhenghisKhan_71:
(3, 57938), (5, 58010), (8, 58031), (11, 58091), (16, 58130), (Start: 19 @58160 has 61 MA's), (Start: 20 @58172 has 236 MA's), (21, 58208), (23, 58229), (24, 58232), (27, 58262), (34, 58418), (40, 58514), (47, 58697), (48, 58700), (49, 58724),

Gene: Pherdinand_72 Start: 58450, Stop: 59031, Start Num: 20

Candidate Starts for Pherdinand_72:
(3, 58225), (4, 58285), (5, 58297), (8, 58318), (11, 58378), (16, 58408), (Start: 19 @58438 has 61 MA's), (Start: 20 @58450 has 236 MA's), (21, 58486), (23, 58507), (24, 58510), (27, 58540), (34, 58696), (40, 58792), (47, 58975), (48, 58978),

Gene: Phergie_71 Start: 58164, Stop: 58748, Start Num: 20
Candidate Starts for Phergie_71:
(3, 57930), (5, 58002), (8, 58023), (11, 58083), (16, 58122), (Start: 19 @58152 has 61 MA's), (Start: 20 @58164 has 236 MA's), (21, 58200), (23, 58221), (24, 58224), (27, 58254), (34, 58410), (40, 58506), (47, 58689), (48, 58692), (49, 58716),

Gene: Phipps_71 Start: 58245, Stop: 58838, Start Num: 19
Candidate Starts for Phipps_71:
(3, 58023), (5, 58095), (8, 58116), (11, 58176), (16, 58215), (Start: 19 @58245 has 61 MA's), (Start: 20 @58257 has 236 MA's), (21, 58293), (23, 58314), (24, 58317), (27, 58347), (34, 58503), (40, 58599), (47, 58782), (48, 58785),

Gene: Phleuron_69 Start: 57991, Stop: 58575, Start Num: 20
Candidate Starts for Phleuron_69:
(3, 57766), (5, 57838), (8, 57859), (11, 57919), (13, 57931), (16, 57949), (Start: 19 @57979 has 61 MA's), (Start: 20 @57991 has 236 MA's), (21, 58027), (23, 58048), (24, 58051), (27, 58081), (34, 58237), (40, 58333), (47, 58516), (48, 58519),

Gene: PhrankReynolds_70 Start: 58157, Stop: 58753, Start Num: 19
Candidate Starts for PhrankReynolds_70:
(3, 57935), (5, 58007), (8, 58028), (11, 58088), (16, 58127), (Start: 19 @58157 has 61 MA's), (Start: 20 @58169 has 236 MA's), (21, 58205), (23, 58226), (24, 58229), (27, 58259), (34, 58415), (40, 58511), (47, 58694), (48, 58697), (49, 58721),

Gene: PhrodoBaggins_73 Start: 58563, Stop: 59147, Start Num: 20
Candidate Starts for PhrodoBaggins_73:
(2, 58299), (3, 58329), (5, 58401), (8, 58422), (11, 58482), (16, 58521), (Start: 19 @58551 has 61 MA's), (Start: 20 @58563 has 236 MA's), (21, 58599), (23, 58620), (24, 58623), (27, 58653), (34, 58809), (40, 58905), (47, 59088), (48, 59091), (49, 59115),

Gene: Phunky_69 Start: 58057, Stop: 58641, Start Num: 20
Candidate Starts for Phunky_69:
(3, 57835), (5, 57907), (8, 57928), (11, 57985), (13, 57997), (16, 58015), (Start: 19 @58045 has 61 MA's), (Start: 20 @58057 has 236 MA's), (21, 58093), (23, 58114), (24, 58117), (27, 58147), (34, 58303), (40, 58399), (47, 58582), (48, 58585), (49, 58609),

Gene: Piglet_0072 Start: 58670, Stop: 59263, Start Num: 19
Candidate Starts for Piglet_0072:
(3, 58448), (5, 58520), (8, 58541), (11, 58601), (16, 58640), (Start: 19 @58670 has 61 MA's), (Start: 20 @58682 has 236 MA's), (21, 58718), (23, 58739), (24, 58742), (27, 58772), (34, 58928), (40, 59024), (47, 59207), (48, 59210),

Gene: PinheadLarry_70 Start: 58331, Stop: 58915, Start Num: 20
Candidate Starts for PinheadLarry_70:
(3, 58097), (4, 58157), (5, 58169), (8, 58190), (11, 58250), (16, 58289), (Start: 19 @58319 has 61 MA's), (Start: 20 @58331 has 236 MA's), (21, 58367), (23, 58388), (24, 58391), (27, 58421), (34, 58577), (40, 58673), (47, 58856), (48, 58859), (49, 58883),

Gene: Pinkman_71 Start: 58281, Stop: 58862, Start Num: 20
Candidate Starts for Pinkman_71:
(3, 58047), (5, 58119), (8, 58140), (11, 58200), (16, 58239), (Start: 19 @58269 has 61 MA's), (Start: 20 @58281 has 236 MA's), (21, 58317), (23, 58338), (24, 58341), (27, 58371), (34, 58527), (40, 58623), (47, 58806), (48, 58809),

Gene: Pipsqueak_68 Start: 58010, Stop: 58594, Start Num: 20
Candidate Starts for Pipsqueak_68:
(3, 57776), (4, 57836), (5, 57848), (8, 57869), (11, 57929), (16, 57968), (Start: 19 @57998 has 61 MA's), (Start: 20 @58010 has 236 MA's), (21, 58046), (23, 58067), (24, 58070), (27, 58100), (34, 58256), (40, 58352), (47, 58535), (48, 58538), (49, 58562),

Gene: Placalicious_71 Start: 59048, Stop: 59629, Start Num: 20
Candidate Starts for Placalicious_71:
(3, 58817), (4, 58877), (5, 58889), (8, 58910), (11, 58967), (16, 59006), (Start: 19 @59036 has 61 MA's), (Start: 20 @59048 has 236 MA's), (21, 59084), (23, 59105), (24, 59108), (27, 59138), (34, 59294), (40, 59390), (47, 59573), (48, 59576),

Gene: Plata_70 Start: 58266, Stop: 58850, Start Num: 20
Candidate Starts for Plata_70:
(3, 58041), (4, 58101), (5, 58113), (8, 58134), (11, 58194), (13, 58206), (16, 58224), (Start: 19 @58254 has 61 MA's), (Start: 20 @58266 has 236 MA's), (23, 58323), (24, 58326), (27, 58356), (34, 58512), (40, 58608), (47, 58791), (48, 58794), (49, 58818),

Gene: Plmatters_69 Start: 58010, Stop: 58591, Start Num: 20
Candidate Starts for Plmatters_69:
(3, 57788), (5, 57860), (8, 57881), (11, 57938), (13, 57950), (16, 57968), (Start: 19 @57998 has 61 MA's), (Start: 20 @58010 has 236 MA's), (21, 58046), (23, 58067), (24, 58070), (27, 58100), (34, 58256), (40, 58352), (47, 58535), (48, 58538),

Gene: Podrick_70 Start: 58091, Stop: 58672, Start Num: 20
Candidate Starts for Podrick_70:
(3, 57857), (4, 57917), (5, 57929), (8, 57950), (11, 58010), (16, 58049), (Start: 19 @58079 has 61 MA's), (Start: 20 @58091 has 236 MA's), (21, 58127), (23, 58148), (24, 58151), (27, 58181), (34, 58337), (40, 58433), (47, 58616), (48, 58619),

Gene: Pops_69 Start: 58029, Stop: 58604, Start Num: 20
Candidate Starts for Pops_69:
(3, 57804), (5, 57876), (8, 57897), (11, 57957), (13, 57969), (16, 57987), (Start: 19 @58017 has 61 MA's), (Start: 20 @58029 has 236 MA's), (21, 58065), (23, 58086), (24, 58089), (27, 58119), (34, 58275), (40, 58371), (46, 58542),

Gene: Potter_68 Start: 58016, Stop: 58597, Start Num: 20
Candidate Starts for Potter_68:
(3, 57782), (4, 57842), (5, 57854), (8, 57875), (11, 57935), (16, 57974), (Start: 19 @58004 has 61 MA's), (Start: 20 @58016 has 236 MA's), (21, 58052), (23, 58073), (24, 58076), (27, 58106), (34, 58262), (40, 58358), (47, 58541), (48, 58544),

Gene: Prickles_72 Start: 58535, Stop: 59119, Start Num: 20
Candidate Starts for Prickles_72:
(3, 58313), (5, 58385), (8, 58406), (11, 58463), (13, 58475), (16, 58493), (Start: 19 @58523 has 61 MA's), (Start: 20 @58535 has 236 MA's), (21, 58571), (23, 58592), (24, 58595), (27, 58625), (34, 58781), (40, 58877), (47, 59060), (48, 59063), (49, 59087),

Gene: ProfessorX_69 Start: 58051, Stop: 58635, Start Num: 20
Candidate Starts for ProfessorX_69:
(3, 57829), (5, 57901), (8, 57922), (11, 57979), (13, 57991), (16, 58009), (Start: 19 @58039 has 61 MA's), (Start: 20 @58051 has 236 MA's), (21, 58087), (23, 58108), (24, 58111), (27, 58141), (34, 58297), (40, 58393), (47, 58576), (48, 58579), (49, 58603),

Gene: Puhltonio_69 Start: 58280, Stop: 58861, Start Num: 20
Candidate Starts for Puhltonio_69:
(3, 58058), (5, 58130), (8, 58151), (11, 58208), (13, 58220), (16, 58238), (Start: 19 @58268 has 61 MA's), (Start: 20 @58280 has 236 MA's), (21, 58316), (23, 58337), (24, 58340), (27, 58370), (34, 58526), (40, 58622), (47, 58805), (48, 58808),

Gene: QueenBeane_71 Start: 58323, Stop: 58907, Start Num: 20
Candidate Starts for QueenBeane_71:
(3, 58101), (4, 58161), (5, 58173), (8, 58194), (11, 58251), (13, 58263), (16, 58281), (Start: 19 @58311 has 61 MA's), (Start: 20 @58323 has 236 MA's), (21, 58359), (23, 58380), (24, 58383), (27, 58413), (34, 58569), (40, 58665), (47, 58848), (48, 58851), (49, 58875),

Gene: Quesadilla_70 Start: 59603, Stop: 60055, Start Num: 25
Candidate Starts for Quesadilla_70:
(1, 59162), (3, 59300), (9, 59429), (10, 59444), (11, 59453), (Start: 25 @59603 has 1 MA's), (26, 59621), (33, 59720), (35, 59777), (37, 59825), (38, 59843), (39, 59861), (45, 60017),

Gene: Quisquiliae_73 Start: 58347, Stop: 58928, Start Num: 20
Candidate Starts for Quisquiliae_73:
(3, 58113), (5, 58185), (8, 58206), (11, 58266), (16, 58305), (Start: 19 @58335 has 61 MA's), (Start: 20 @58347 has 236 MA's), (21, 58383), (23, 58404), (24, 58407), (27, 58437), (34, 58593), (40, 58689), (47, 58872), (48, 58875),

Gene: RedMaple_71 Start: 58774, Stop: 59358, Start Num: 20
Candidate Starts for RedMaple_71:
(3, 58540), (4, 58600), (5, 58612), (8, 58633), (11, 58693), (16, 58732), (Start: 19 @58762 has 61 MA's), (Start: 20 @58774 has 236 MA's), (23, 58831), (24, 58834), (27, 58864), (34, 59020), (40, 59116), (47, 59299), (48, 59302), (49, 59326),

Gene: RedRaider89_70 Start: 58474, Stop: 59049, Start Num: 20
Candidate Starts for RedRaider89_70:
(3, 58243), (5, 58315), (8, 58336), (11, 58393), (Start: 19 @58462 has 61 MA's), (Start: 20 @58474 has 236 MA's), (23, 58531), (24, 58534), (27, 58564), (34, 58720), (40, 58816), (46, 58987),

Gene: Ricotta_71 Start: 58017, Stop: 58598, Start Num: 20
Candidate Starts for Ricotta_71:
(2, 57765), (3, 57795), (4, 57855), (5, 57867), (8, 57888), (11, 57945), (13, 57957), (16, 57975), (Start: 19 @58005 has 61 MA's), (Start: 20 @58017 has 236 MA's), (21, 58053), (23, 58074), (24, 58077), (27, 58107), (34, 58263), (40, 58359), (47, 58542), (48, 58545),

Gene: Riggan_72 Start: 58346, Stop: 58930, Start Num: 20
Candidate Starts for Riggan_72:
(3, 58124), (5, 58196), (8, 58217), (11, 58274), (13, 58286), (16, 58304), (Start: 19 @58334 has 61 MA's), (Start: 20 @58346 has 236 MA's), (21, 58382), (23, 58403), (24, 58406), (27, 58436), (34, 58592), (40, 58688), (47, 58871), (48, 58874), (49, 58898),

Gene: Rimu_71 Start: 58496, Stop: 59077, Start Num: 20
Candidate Starts for Rimu_71:
(3, 58262), (5, 58334), (8, 58355), (11, 58415), (16, 58454), (Start: 19 @58484 has 61 MA's), (Start: 20 @58496 has 236 MA's), (21, 58532), (23, 58553), (24, 58556), (27, 58586), (34, 58742), (40, 58838), (47, 59021), (48, 59024),

Gene: Riverton_70 Start: 58288, Stop: 58863, Start Num: 20
Candidate Starts for Riverton_70:
(3, 58054), (4, 58114), (5, 58126), (8, 58147), (11, 58207), (16, 58246), (Start: 19 @58276 has 61 MA's), (Start: 20 @58288 has 236 MA's), (23, 58345), (24, 58348), (27, 58378), (34, 58534), (40, 58630), (46, 58801),

Gene: Robyn_72 Start: 58622, Stop: 59203, Start Num: 20
Candidate Starts for Robyn_72:
(3, 58397), (5, 58469), (8, 58490), (11, 58550), (13, 58562), (16, 58580), (Start: 19 @58610 has 61 MA's), (Start: 20 @58622 has 236 MA's), (21, 58658), (23, 58679), (24, 58682), (27, 58712), (34, 58868), (40, 58964), (47, 59147), (48, 59150),

Gene: Roliet_68 Start: 57375, Stop: 57962, Start Num: 19
Candidate Starts for Roliet_68:
(3, 57153), (5, 57225), (8, 57246), (11, 57303), (17, 57354), (Start: 19 @57375 has 61 MA's), (Start: 20 @57387 has 236 MA's), (21, 57423), (23, 57444), (24, 57447), (27, 57477), (34, 57633), (40, 57729), (46, 57900),

Gene: Roscoe_71 Start: 58475, Stop: 59050, Start Num: 20
Candidate Starts for Roscoe_71:
(3, 58241), (4, 58301), (5, 58313), (8, 58334), (11, 58394), (16, 58433), (Start: 19 @58463 has 61 MA's), (Start: 20 @58475 has 236 MA's), (21, 58511), (23, 58532), (24, 58535), (27, 58565), (34, 58721), (40, 58817), (46, 58988),

Gene: Roy17_69 Start: 57746, Stop: 58327, Start Num: 20
Candidate Starts for Roy17_69:
(3, 57524), (4, 57584), (5, 57596), (8, 57617), (11, 57674), (13, 57686), (16, 57704), (Start: 19 @57734 has 61 MA's), (Start: 20 @57746 has 236 MA's), (21, 57782), (23, 57803), (24, 57806), (27, 57836), (34, 57992), (40, 58088), (47, 58271), (48, 58274),

Gene: SDcharge11_70 Start: 57508, Stop: 58080, Start Num: 19
Candidate Starts for SDcharge11_70:
(3, 57295), (5, 57367), (8, 57388), (11, 57448), (16, 57478), (Start: 19 @57508 has 61 MA's), (Start: 20 @57520 has 236 MA's), (21, 57556), (23, 57577), (24, 57580), (27, 57610), (34, 57766), (40, 57862), (47, 58045), (48, 58048),

Gene: Salazzle_69 Start: 58199, Stop: 58780, Start Num: 20
Candidate Starts for Salazzle_69:
(3, 57974), (5, 58046), (8, 58067), (11, 58127), (13, 58139), (16, 58157), (Start: 19 @58187 has 61 MA's), (Start: 20 @58199 has 236 MA's), (21, 58235), (23, 58256), (24, 58259), (27, 58289), (34, 58445), (40, 58541), (47, 58724), (48, 58727),

Gene: SallyH_73 Start: 58280, Stop: 58876, Start Num: 19
Candidate Starts for SallyH_73:
(3, 58064), (5, 58136), (8, 58157), (11, 58217), (13, 58229), (16, 58250), (Start: 19 @58280 has 61 MA's), (Start: 20 @58292 has 236 MA's), (21, 58328), (23, 58349), (24, 58352), (27, 58382), (34, 58538), (40, 58634), (47, 58817), (48, 58820), (49, 58844),

Gene: Samaymay_71 Start: 58323, Stop: 58907, Start Num: 20
Candidate Starts for Samaymay_71:
(3, 58101), (4, 58161), (5, 58173), (8, 58194), (11, 58251), (13, 58263), (16, 58281), (Start: 19 @58311 has 61 MA's), (Start: 20 @58323 has 236 MA's), (21, 58359), (23, 58380), (24, 58383), (27, 58413), (34, 58569), (40, 58665), (47, 58848), (48, 58851), (49, 58875),

Gene: SassyCat97_69 Start: 58006, Stop: 58590, Start Num: 20
Candidate Starts for SassyCat97_69:
(3, 57772), (4, 57832), (5, 57844), (8, 57865), (11, 57925), (16, 57964), (Start: 19 @57994 has 61 MA's), (Start: 20 @58006 has 236 MA's), (21, 58042), (23, 58063), (24, 58066), (27, 58096), (34, 58252), (40, 58348), (47, 58531), (48, 58534), (49, 58558),

Gene: Schadenfreude_71 Start: 57924, Stop: 58508, Start Num: 20
Candidate Starts for Schadenfreude_71:
(3, 57699), (5, 57771), (8, 57792), (11, 57852), (13, 57864), (16, 57882), (Start: 19 @57912 has 61 MA's), (Start: 20 @57924 has 236 MA's), (21, 57960), (23, 57981), (24, 57984), (27, 58014), (34, 58170), (40, 58266), (47, 58449), (48, 58452), (49, 58476),

Gene: Schueller_69 Start: 58278, Stop: 58862, Start Num: 20
Candidate Starts for Schueller_69:
(3, 58056), (5, 58128), (8, 58149), (11, 58209), (16, 58236), (Start: 19 @58266 has 61 MA's), (Start: 20 @58278 has 236 MA's), (21, 58314), (23, 58335), (24, 58338), (27, 58368), (34, 58524), (40, 58620), (47, 58803), (48, 58806), (49, 58830),

Gene: Scoot17C_72 Start: 58124, Stop: 58717, Start Num: 19
Candidate Starts for Scoot17C_72:
(3, 57902), (5, 57974), (8, 57995), (11, 58055), (16, 58094), (Start: 19 @58124 has 61 MA's), (Start: 20 @58136 has 236 MA's), (21, 58172), (23, 58193), (24, 58196), (27, 58226), (34, 58382), (40, 58478), (47, 58661), (48, 58664),

Gene: Scrick_70 Start: 58006, Stop: 58599, Start Num: 19
Candidate Starts for Scrick_70:
(3, 57784), (5, 57856), (8, 57877), (11, 57937), (16, 57976), (Start: 19 @58006 has 61 MA's), (Start: 20 @58018 has 236 MA's), (21, 58054), (23, 58075), (24, 58078), (27, 58108), (34, 58264), (40, 58360), (47, 58543), (48, 58546),

Gene: Selr12_72 Start: 58063, Stop: 58644, Start Num: 20
Candidate Starts for Selr12_72:
(3, 57841), (5, 57913), (8, 57934), (11, 57991), (13, 58003), (16, 58021), (Start: 19 @58051 has 61 MA's), (Start: 20 @58063 has 236 MA's), (21, 58099), (23, 58120), (24, 58123), (27, 58153), (34, 58309), (40, 58405), (47, 58588), (48, 58591),

Gene: Septica_70 Start: 58288, Stop: 58869, Start Num: 20
Candidate Starts for Septica_70:
(3, 58063), (5, 58135), (8, 58156), (11, 58216), (13, 58228), (16, 58246), (Start: 19 @58276 has 61 MA's), (Start: 20 @58288 has 236 MA's), (21, 58324), (23, 58345), (24, 58348), (27, 58378), (34, 58534), (40, 58630), (47, 58813), (48, 58816),

Gene: Serendipity_71 Start: 58491, Stop: 59072, Start Num: 20
Candidate Starts for Serendipity_71:
(3, 58257), (4, 58317), (5, 58329), (8, 58350), (11, 58410), (16, 58449), (Start: 19 @58479 has 61 MA's), (Start: 20 @58491 has 236 MA's), (21, 58527), (23, 58548), (24, 58551), (27, 58581), (34,

58737), (40, 58833), (47, 59016), (48, 59019),

Gene: Serpentine_0072 Start: 58562, Stop: 59155, Start Num: 19
Candidate Starts for Serpentine_0072:
(3, 58340), (5, 58412), (8, 58433), (11, 58493), (16, 58532), (Start: 19 @58562 has 61 MA's), (Start: 20 @58574 has 236 MA's), (21, 58610), (23, 58631), (24, 58634), (27, 58664), (34, 58820), (40, 58916), (47, 59099), (48, 59102),

Gene: ShadowBud_72 Start: 58344, Stop: 58925, Start Num: 20
Candidate Starts for ShadowBud_72:
(3, 58110), (5, 58182), (8, 58203), (11, 58263), (16, 58302), (Start: 19 @58332 has 61 MA's), (Start: 20 @58344 has 236 MA's), (21, 58380), (23, 58401), (24, 58404), (27, 58434), (34, 58590), (40, 58686), (47, 58869), (48, 58872),

Gene: Sheila_67 Start: 57418, Stop: 57993, Start Num: 20
Candidate Starts for Sheila_67:
(3, 57184), (5, 57256), (8, 57277), (11, 57334), (17, 57385), (Start: 19 @57406 has 61 MA's), (Start: 20 @57418 has 236 MA's), (21, 57454), (23, 57475), (24, 57478), (27, 57508), (34, 57664), (40, 57760), (46, 57931),

Gene: ShiVal_69 Start: 58043, Stop: 58627, Start Num: 20
Candidate Starts for ShiVal_69:
(3, 57809), (5, 57881), (8, 57902), (11, 57962), (16, 58001), (Start: 19 @58031 has 61 MA's), (Start: 20 @58043 has 236 MA's), (21, 58079), (23, 58100), (24, 58103), (27, 58133), (34, 58289), (40, 58385), (47, 58568), (48, 58571), (49, 58595),

Gene: Sigman_71 Start: 58017, Stop: 58601, Start Num: 20
Candidate Starts for Sigman_71:
(3, 57795), (5, 57867), (8, 57888), (11, 57945), (13, 57957), (16, 57975), (Start: 19 @58005 has 61 MA's), (Start: 20 @58017 has 236 MA's), (21, 58053), (23, 58074), (24, 58077), (27, 58107), (34, 58263), (40, 58359), (47, 58542), (48, 58545), (49, 58569),

Gene: SilverBell_72 Start: 58454, Stop: 59035, Start Num: 20
Candidate Starts for SilverBell_72:
(3, 58220), (5, 58292), (8, 58313), (11, 58373), (16, 58412), (Start: 19 @58442 has 61 MA's), (Start: 20 @58454 has 236 MA's), (21, 58490), (23, 58511), (24, 58514), (27, 58544), (34, 58700), (40, 58796), (47, 58979), (48, 58982),

Gene: Simielle_71 Start: 57988, Stop: 58569, Start Num: 20
Candidate Starts for Simielle_71:
(3, 57766), (5, 57838), (8, 57859), (11, 57916), (13, 57928), (16, 57946), (Start: 19 @57976 has 61 MA's), (Start: 20 @57988 has 236 MA's), (21, 58024), (23, 58045), (24, 58048), (27, 58078), (34, 58234), (40, 58330), (47, 58513), (48, 58516),

Gene: SirBeauregard_72 Start: 58551, Stop: 59147, Start Num: 19
Candidate Starts for SirBeauregard_72:
(3, 58332), (5, 58404), (8, 58425), (11, 58482), (13, 58494), (16, 58521), (Start: 19 @58551 has 61 MA's), (Start: 20 @58563 has 236 MA's), (21, 58599), (23, 58620), (24, 58623), (27, 58653), (34, 58809), (40, 58905), (47, 59088), (48, 59091), (49, 59115),

Gene: Skippy_73 Start: 58415, Stop: 58996, Start Num: 20
Candidate Starts for Skippy_73:

(3, 58193), (5, 58265), (8, 58286), (11, 58346), (16, 58373), (Start: 19 @58403 has 61 MA's), (Start: 20 @58415 has 236 MA's), (21, 58451), (23, 58472), (24, 58475), (27, 58505), (34, 58661), (40, 58757), (47, 58940), (48, 58943),

Gene: Slatt_71 Start: 58302, Stop: 58883, Start Num: 20
Candidate Starts for Slatt_71:
(3, 58068), (5, 58140), (8, 58161), (11, 58221), (16, 58260), (Start: 19 @58290 has 61 MA's), (Start: 20 @58302 has 236 MA's), (21, 58338), (23, 58359), (24, 58362), (27, 58392), (34, 58548), (40, 58644), (47, 58827), (48, 58830),

Gene: Soile_72 Start: 58540, Stop: 59121, Start Num: 20
Candidate Starts for Soile_72:
(2, 58285), (3, 58315), (4, 58375), (5, 58387), (8, 58408), (11, 58468), (13, 58480), (16, 58498), (Start: 19 @58528 has 61 MA's), (Start: 20 @58540 has 236 MA's), (21, 58576), (23, 58597), (24, 58600), (27, 58630), (34, 58786), (40, 58882), (47, 59065), (48, 59068),

Gene: Solosis_69 Start: 58001, Stop: 58585, Start Num: 20
Candidate Starts for Solosis_69:
(3, 57767), (4, 57827), (5, 57839), (8, 57860), (11, 57920), (16, 57959), (Start: 19 @57989 has 61 MA's), (Start: 20 @58001 has 236 MA's), (23, 58058), (24, 58061), (27, 58091), (34, 58247), (40, 58343), (47, 58526), (48, 58529), (49, 58553),

Gene: Sophia_69 Start: 57994, Stop: 58578, Start Num: 20
Candidate Starts for Sophia_69:
(3, 57760), (4, 57820), (5, 57832), (8, 57853), (11, 57913), (16, 57952), (Start: 19 @57982 has 61 MA's), (Start: 20 @57994 has 236 MA's), (21, 58030), (23, 58051), (24, 58054), (27, 58084), (34, 58240), (40, 58336), (47, 58519), (48, 58522), (49, 58546),

Gene: Soto_68 Start: 57549, Stop: 58124, Start Num: 20
Candidate Starts for Soto_68:
(3, 57327), (5, 57399), (8, 57420), (11, 57477), (16, 57507), (Start: 19 @57537 has 61 MA's), (Start: 20 @57549 has 236 MA's), (21, 57585), (23, 57606), (24, 57609), (27, 57639), (34, 57795), (40, 57891), (46, 58062),

Gene: Spartan300_70 Start: 58258, Stop: 58842, Start Num: 20
Candidate Starts for Spartan300_70:
(3, 58036), (5, 58108), (8, 58129), (11, 58186), (13, 58198), (16, 58216), (Start: 19 @58246 has 61 MA's), (Start: 20 @58258 has 236 MA's), (21, 58294), (23, 58315), (24, 58318), (27, 58348), (34, 58504), (40, 58600), (47, 58783), (48, 58786), (49, 58810),

Gene: Squid_70 Start: 58273, Stop: 58869, Start Num: 19
Candidate Starts for Squid_70:
(3, 58060), (4, 58120), (5, 58132), (8, 58153), (11, 58213), (13, 58225), (16, 58243), (Start: 19 @58273 has 61 MA's), (Start: 20 @58285 has 236 MA's), (23, 58342), (24, 58345), (27, 58375), (34, 58531), (40, 58627), (47, 58810), (48, 58813), (49, 58837),

Gene: Squiggle_70 Start: 58013, Stop: 58594, Start Num: 20
Candidate Starts for Squiggle_70:
(3, 57779), (4, 57839), (5, 57851), (8, 57872), (11, 57932), (16, 57971), (Start: 19 @58001 has 61 MA's), (Start: 20 @58013 has 236 MA's), (21, 58049), (23, 58070), (24, 58073), (27, 58103), (34, 58259), (40, 58355), (47, 58538), (48, 58541),

Gene: Struggle_71 Start: 58105, Stop: 58686, Start Num: 20

Candidate Starts for Struggle_71:
(3, 57880), (5, 57952), (8, 57973), (11, 58033), (13, 58045), (16, 58063), (Start: 19 @58093 has 61 MA's), (Start: 20 @58105 has 236 MA's), (21, 58141), (23, 58162), (24, 58165), (27, 58195), (34, 58351), (40, 58447), (47, 58630), (48, 58633),

Gene: Suffolk_69 Start: 57834, Stop: 58415, Start Num: 20
Candidate Starts for Suffolk_69:
(3, 57609), (5, 57681), (8, 57702), (11, 57762), (16, 57792), (Start: 19 @57822 has 61 MA's), (Start: 20 @57834 has 236 MA's), (21, 57870), (23, 57891), (24, 57894), (27, 57924), (34, 58080), (40, 58176), (47, 58359), (48, 58362),

Gene: Surely_71 Start: 58575, Stop: 59159, Start Num: 20
Candidate Starts for Surely_71:
(3, 58350), (4, 58410), (5, 58422), (8, 58443), (11, 58503), (13, 58515), (16, 58533), (Start: 19 @58563 has 61 MA's), (Start: 20 @58575 has 236 MA's), (21, 58611), (23, 58632), (24, 58635), (27, 58665), (34, 58821), (40, 58917), (47, 59100), (48, 59103), (49, 59127),

Gene: Swiphy_73 Start: 58555, Stop: 59139, Start Num: 20
Candidate Starts for Swiphy_73:
(3, 58321), (4, 58381), (5, 58393), (8, 58414), (11, 58474), (16, 58513), (Start: 19 @58543 has 61 MA's), (Start: 20 @58555 has 236 MA's), (21, 58591), (23, 58612), (24, 58615), (27, 58645), (34, 58801), (40, 58897), (47, 59080), (48, 59083), (49, 59107),

Gene: Swish_72 Start: 58426, Stop: 59022, Start Num: 19
Candidate Starts for Swish_72:
(3, 58210), (5, 58282), (8, 58303), (11, 58363), (13, 58375), (16, 58396), (Start: 19 @58426 has 61 MA's), (Start: 20 @58438 has 236 MA's), (21, 58474), (23, 58495), (24, 58498), (27, 58528), (34, 58684), (40, 58780), (47, 58963), (48, 58966), (49, 58990),

Gene: TallGrassMM_70 Start: 58072, Stop: 58653, Start Num: 20
Candidate Starts for TallGrassMM_70:
(3, 57850), (5, 57922), (8, 57943), (11, 58003), (16, 58030), (Start: 19 @58060 has 61 MA's), (Start: 20 @58072 has 236 MA's), (21, 58108), (23, 58129), (24, 58132), (27, 58162), (34, 58318), (40, 58414), (47, 58597), (48, 58600),

Gene: Taraxa_71 Start: 57892, Stop: 58485, Start Num: 19
Candidate Starts for Taraxa_71:
(3, 57679), (4, 57739), (5, 57751), (8, 57772), (11, 57832), (12, 57844), (16, 57862), (Start: 19 @57892 has 61 MA's), (Start: 20 @57904 has 236 MA's), (21, 57940), (23, 57961), (24, 57964), (27, 57994), (34, 58150), (40, 58246), (47, 58429), (48, 58432),

Gene: Telesworld_69 Start: 58135, Stop: 58731, Start Num: 19
Candidate Starts for Telesworld_69:
(3, 57925), (5, 57997), (8, 58018), (11, 58075), (13, 58087), (16, 58105), (Start: 19 @58135 has 61 MA's), (Start: 20 @58147 has 236 MA's), (21, 58183), (23, 58204), (24, 58207), (27, 58237), (34, 58393), (40, 58489), (47, 58672), (48, 58675), (49, 58699),

Gene: Thora_70 Start: 58524, Stop: 59108, Start Num: 20
Candidate Starts for Thora_70:
(3, 58290), (5, 58362), (8, 58383), (11, 58443), (16, 58482), (Start: 19 @58512 has 61 MA's), (Start: 20 @58524 has 236 MA's), (21, 58560), (23, 58581), (24, 58584), (27, 58614), (34, 58770), (40, 58866), (47, 59049), (48, 59052), (49, 59076),

Gene: ThreeOh3D2_73 Start: 58701, Stop: 59282, Start Num: 20
Candidate Starts for ThreeOh3D2_73:
(3, 58467), (5, 58539), (8, 58560), (11, 58620), (16, 58659), (Start: 19 @58689 has 61 MA's), (Start: 20 @58701 has 236 MA's), (21, 58737), (23, 58758), (24, 58761), (27, 58791), (34, 58947), (40, 59043), (47, 59226), (48, 59229),

Gene: Thunderbird_71 Start: 58267, Stop: 58848, Start Num: 20
Candidate Starts for Thunderbird_71:
(3, 58033), (5, 58105), (8, 58126), (11, 58186), (16, 58225), (Start: 19 @58255 has 61 MA's), (Start: 20 @58267 has 236 MA's), (21, 58303), (23, 58324), (24, 58327), (27, 58357), (34, 58513), (40, 58609), (47, 58792), (48, 58795),

Gene: Timmi_70 Start: 58041, Stop: 58622, Start Num: 20
Candidate Starts for Timmi_70:
(3, 57807), (4, 57867), (5, 57879), (8, 57900), (11, 57960), (16, 57999), (Start: 19 @58029 has 61 MA's), (Start: 20 @58041 has 236 MA's), (21, 58077), (23, 58098), (24, 58101), (27, 58131), (34, 58287), (40, 58383), (47, 58566), (48, 58569),

Gene: TomBombadil_71 Start: 58568, Stop: 59152, Start Num: 20
Candidate Starts for TomBombadil_71:
(3, 58334), (4, 58394), (5, 58406), (8, 58427), (11, 58487), (16, 58526), (Start: 19 @58556 has 61 MA's), (Start: 20 @58568 has 236 MA's), (21, 58604), (23, 58625), (24, 58628), (27, 58658), (34, 58814), (40, 58910), (47, 59093), (48, 59096), (49, 59120),

Gene: Tomlarah_72 Start: 58882, Stop: 59463, Start Num: 20
Candidate Starts for Tomlarah_72:
(3, 58660), (5, 58732), (8, 58753), (11, 58810), (13, 58822), (16, 58840), (Start: 19 @58870 has 61 MA's), (Start: 20 @58882 has 236 MA's), (21, 58918), (23, 58939), (24, 58942), (27, 58972), (34, 59128), (40, 59224), (47, 59407), (48, 59410),

Gene: Toni_71 Start: 58474, Stop: 59055, Start Num: 20
Candidate Starts for Toni_71:
(3, 58252), (5, 58324), (8, 58345), (11, 58402), (13, 58414), (16, 58432), (Start: 19 @58462 has 61 MA's), (Start: 20 @58474 has 236 MA's), (21, 58510), (23, 58531), (24, 58534), (27, 58564), (34, 58720), (40, 58816), (47, 58999), (48, 59002),

Gene: TooFast2Furius_70 Start: 58249, Stop: 58845, Start Num: 19
Candidate Starts for TooFast2Furius_70:
(3, 58027), (5, 58099), (8, 58120), (11, 58180), (16, 58219), (Start: 19 @58249 has 61 MA's), (Start: 20 @58261 has 236 MA's), (21, 58297), (23, 58318), (24, 58321), (27, 58351), (34, 58507), (40, 58603), (47, 58786), (48, 58789), (49, 58813),

Gene: Tooj_69 Start: 57702, Stop: 58286, Start Num: 20
Candidate Starts for Tooj_69:
(3, 57477), (5, 57549), (7, 57567), (8, 57570), (11, 57630), (13, 57642), (16, 57660), (Start: 19 @57690 has 61 MA's), (Start: 20 @57702 has 236 MA's), (21, 57738), (23, 57759), (24, 57762), (27, 57792), (34, 57948), (40, 58044), (47, 58227), (48, 58230), (49, 58254),

Gene: Triad_72 Start: 57911, Stop: 58492, Start Num: 20
Candidate Starts for Triad_72:
(3, 57686), (5, 57758), (8, 57779), (11, 57839), (13, 57851), (16, 57869), (Start: 19 @57899 has 61 MA's), (Start: 20 @57911 has 236 MA's), (21, 57947), (23, 57968), (24, 57971), (27, 58001), (34, 58157), (40, 58253), (47, 58436), (48, 58439),

Gene: True_69 Start: 58008, Stop: 58592, Start Num: 20
Candidate Starts for True_69:
(3, 57786), (5, 57858), (8, 57879), (11, 57936), (13, 57948), (16, 57966), (Start: 19 @57996 has 61 MA's), (Start: 20 @58008 has 236 MA's), (21, 58044), (23, 58065), (24, 58068), (27, 58098), (34, 58254), (40, 58350), (47, 58533), (48, 58536), (49, 58560),

Gene: Trypo_72 Start: 58735, Stop: 59310, Start Num: 20
Candidate Starts for Trypo_72:
(3, 58501), (4, 58561), (5, 58573), (8, 58594), (11, 58654), (16, 58693), (Start: 19 @58723 has 61 MA's), (Start: 20 @58735 has 236 MA's), (21, 58771), (23, 58792), (24, 58795), (27, 58825), (34, 58981), (40, 59077), (46, 59248),

Gene: TyrionL_71 Start: 58100, Stop: 58681, Start Num: 20
Candidate Starts for TyrionL_71:
(3, 57869), (4, 57929), (5, 57941), (8, 57962), (11, 58019), (16, 58058), (Start: 19 @58088 has 61 MA's), (Start: 20 @58100 has 236 MA's), (21, 58136), (23, 58157), (24, 58160), (27, 58190), (34, 58346), (40, 58442), (47, 58625), (48, 58628),

Gene: UAch1_72 Start: 58404, Stop: 58976, Start Num: 19
Candidate Starts for UAch1_72:
(3, 58191), (5, 58263), (8, 58284), (11, 58344), (13, 58356), (16, 58374), (Start: 19 @58404 has 61 MA's), (Start: 20 @58416 has 236 MA's), (21, 58452), (23, 58473), (24, 58476), (27, 58506), (34, 58662), (40, 58758), (47, 58941), (48, 58944),

Gene: UncleHowie_68 Start: 57705, Stop: 58286, Start Num: 20
Candidate Starts for UncleHowie_68:
(3, 57471), (5, 57543), (8, 57564), (11, 57624), (16, 57663), (Start: 19 @57693 has 61 MA's), (Start: 20 @57705 has 236 MA's), (21, 57741), (23, 57762), (24, 57765), (27, 57795), (34, 57951), (40, 58047), (47, 58230), (48, 58233),

Gene: Usavi_72 Start: 58709, Stop: 59281, Start Num: 20
Candidate Starts for Usavi_72:
(3, 58475), (5, 58547), (8, 58568), (11, 58628), (16, 58667), (Start: 19 @58697 has 61 MA's), (Start: 20 @58709 has 236 MA's), (23, 58766), (24, 58769), (27, 58799), (34, 58955), (40, 59051), (46, 59222),

Gene: Vaishali24_72 Start: 58371, Stop: 58952, Start Num: 20
Candidate Starts for Vaishali24_72:
(3, 58146), (5, 58218), (8, 58239), (11, 58299), (13, 58311), (16, 58329), (Start: 19 @58359 has 61 MA's), (Start: 20 @58371 has 236 MA's), (21, 58407), (23, 58428), (24, 58431), (27, 58461), (34, 58617), (40, 58713), (47, 58896), (48, 58899),

Gene: Valjean_70 Start: 58268, Stop: 58843, Start Num: 20
Candidate Starts for Valjean_70:
(3, 58046), (5, 58118), (8, 58139), (11, 58196), (13, 58208), (16, 58226), (Start: 19 @58256 has 61 MA's), (Start: 20 @58268 has 236 MA's), (21, 58304), (23, 58325), (24, 58328), (27, 58358), (34, 58514), (40, 58610), (46, 58781),

Gene: Vaticameos_68 Start: 56572, Stop: 57156, Start Num: 20
Candidate Starts for Vaticameos_68:
(3, 56350), (5, 56422), (8, 56443), (11, 56500), (13, 56512), (16, 56530), (Start: 19 @56560 has 61 MA's), (Start: 20 @56572 has 236 MA's), (21, 56608), (23, 56629), (24, 56632), (27, 56662), (34, 56818), (40, 56914), (47, 57097), (48, 57100), (49, 57124),

Gene: Vectra_70 Start: 58161, Stop: 58742, Start Num: 20
Candidate Starts for Vectra_70:
(3, 57936), (5, 58008), (8, 58029), (11, 58089), (12, 58101), (16, 58119), (Start: 19 @58149 has 61 MA's), (Start: 20 @58161 has 236 MA's), (21, 58197), (23, 58218), (24, 58221), (27, 58251), (34, 58407), (40, 58503), (47, 58686), (48, 58689),

Gene: Veritas_70 Start: 58182, Stop: 58763, Start Num: 20
Candidate Starts for Veritas_70:
(2, 57918), (3, 57948), (5, 58020), (8, 58041), (11, 58101), (16, 58140), (Start: 19 @58170 has 61 MA's), (Start: 20 @58182 has 236 MA's), (21, 58218), (23, 58239), (24, 58242), (27, 58272), (34, 58428), (40, 58524), (47, 58707), (48, 58710),

Gene: Vincenzo_71 Start: 61486, Stop: 61959, Start Num: 22
Candidate Starts for Vincenzo_71:
(6, 61294), (11, 61360), (14, 61396), (17, 61411), (Start: 18 @61420 has 1 MA's), (Start: 22 @61486 has 1 MA's), (28, 61534), (30, 61555), (31, 61564), (32, 61612), (36, 61732), (41, 61813), (42, 61846), (43, 61888), (44, 61891), (45, 61924),

Gene: Virapocalypse_72 Start: 58367, Stop: 58951, Start Num: 20
Candidate Starts for Virapocalypse_72:
(3, 58145), (5, 58217), (8, 58238), (11, 58295), (13, 58307), (16, 58325), (Start: 19 @58355 has 61 MA's), (Start: 20 @58367 has 236 MA's), (21, 58403), (23, 58424), (24, 58427), (27, 58457), (34, 58613), (40, 58709), (47, 58892), (48, 58895), (49, 58919),

Gene: Virgeve_69 Start: 57972, Stop: 58565, Start Num: 19
Candidate Starts for Virgeve_69:
(3, 57750), (5, 57822), (8, 57843), (11, 57903), (16, 57942), (Start: 19 @57972 has 61 MA's), (Start: 20 @57984 has 236 MA's), (21, 58020), (23, 58041), (24, 58044), (27, 58074), (34, 58230), (40, 58326), (47, 58509), (48, 58512),

Gene: Vista_70 Start: 58180, Stop: 58764, Start Num: 20
Candidate Starts for Vista_70:
(3, 57946), (4, 58006), (5, 58018), (8, 58039), (11, 58099), (16, 58138), (Start: 19 @58168 has 61 MA's), (Start: 20 @58180 has 236 MA's), (21, 58216), (23, 58237), (24, 58240), (27, 58270), (34, 58426), (40, 58522), (47, 58705), (48, 58708), (49, 58732),

Gene: Vivaldi_71 Start: 58467, Stop: 59048, Start Num: 20
Candidate Starts for Vivaldi_71:
(3, 58233), (5, 58305), (8, 58326), (11, 58386), (16, 58425), (Start: 19 @58455 has 61 MA's), (Start: 20 @58467 has 236 MA's), (21, 58503), (23, 58524), (24, 58527), (27, 58557), (34, 58713), (40, 58809), (47, 58992), (48, 58995),

Gene: Vortex_70 Start: 58290, Stop: 58871, Start Num: 20
Candidate Starts for Vortex_70:
(3, 58056), (4, 58116), (5, 58128), (8, 58149), (11, 58209), (16, 58248), (Start: 19 @58278 has 61 MA's), (Start: 20 @58290 has 236 MA's), (21, 58326), (23, 58347), (24, 58350), (27, 58380), (34, 58536), (40, 58632), (47, 58815), (48, 58818),

Gene: Wallhey_72 Start: 58287, Stop: 58871, Start Num: 20
Candidate Starts for Wallhey_72:
(3, 58053), (5, 58125), (8, 58146), (11, 58206), (16, 58245), (Start: 19 @58275 has 61 MA's), (Start: 20 @58287 has 236 MA's), (21, 58323), (23, 58344), (24, 58347), (27, 58377), (34, 58533), (40, 58629),

(47, 58812), (48, 58815), (49, 58839),

Gene: Waterdiva_72 Start: 58545, Stop: 59138, Start Num: 19
Candidate Starts for Waterdiva_72:
(3, 58323), (5, 58395), (8, 58416), (11, 58476), (16, 58515), (Start: 19 @58545 has 61 MA's), (Start: 20 @58557 has 236 MA's), (21, 58593), (23, 58614), (24, 58617), (27, 58647), (34, 58803), (40, 58899), (47, 59082), (48, 59085),

Gene: Weher20_68 Start: 58625, Stop: 59209, Start Num: 20
Candidate Starts for Weher20_68:
(3, 58391), (4, 58451), (5, 58463), (8, 58484), (11, 58544), (16, 58583), (Start: 19 @58613 has 61 MA's), (Start: 20 @58625 has 236 MA's), (21, 58661), (23, 58682), (24, 58685), (27, 58715), (34, 58871), (40, 58967), (47, 59150), (48, 59153), (49, 59177),

Gene: Windsor_71 Start: 58570, Stop: 59154, Start Num: 20
Candidate Starts for Windsor_71:
(3, 58336), (5, 58408), (8, 58429), (11, 58489), (16, 58528), (Start: 19 @58558 has 61 MA's), (Start: 20 @58570 has 236 MA's), (23, 58627), (24, 58630), (27, 58660), (34, 58816), (40, 58912), (47, 59095), (48, 59098), (49, 59122),

Gene: Xavier_71 Start: 58182, Stop: 58757, Start Num: 20
Candidate Starts for Xavier_71:
(3, 57951), (5, 58023), (8, 58044), (11, 58101), (16, 58140), (Start: 19 @58170 has 61 MA's), (Start: 20 @58182 has 236 MA's), (23, 58239), (24, 58242), (27, 58272), (34, 58428), (40, 58524), (46, 58695),

Gene: Yoshand_72 Start: 58436, Stop: 59029, Start Num: 19
Candidate Starts for Yoshand_72:
(3, 58223), (4, 58283), (5, 58295), (8, 58316), (11, 58376), (16, 58406), (Start: 19 @58436 has 61 MA's), (Start: 20 @58448 has 236 MA's), (21, 58484), (23, 58505), (24, 58508), (27, 58538), (34, 58694), (40, 58790), (47, 58973), (48, 58976),

Gene: YouGoGlencoco_71 Start: 58295, Stop: 58879, Start Num: 20
Candidate Starts for YouGoGlencoco_71:
(3, 58061), (4, 58121), (5, 58133), (8, 58154), (11, 58214), (16, 58253), (Start: 19 @58283 has 61 MA's), (Start: 20 @58295 has 236 MA's), (21, 58331), (23, 58352), (24, 58355), (27, 58385), (34, 58541), (40, 58637), (47, 58820), (48, 58823), (49, 58847),

Gene: Zaider_72 Start: 58508, Stop: 59083, Start Num: 20
Candidate Starts for Zaider_72:
(3, 58286), (5, 58358), (8, 58379), (11, 58436), (13, 58448), (16, 58466), (Start: 19 @58496 has 61 MA's), (Start: 20 @58508 has 236 MA's), (21, 58544), (23, 58565), (24, 58568), (27, 58598), (34, 58754), (40, 58850), (46, 59021),

Gene: Zelda_71 Start: 58635, Stop: 59210, Start Num: 20
Candidate Starts for Zelda_71:
(3, 58401), (4, 58461), (5, 58473), (8, 58494), (11, 58554), (16, 58593), (Start: 19 @58623 has 61 MA's), (Start: 20 @58635 has 236 MA's), (21, 58671), (23, 58692), (24, 58695), (27, 58725), (34, 58881), (40, 58977), (46, 59148),

Gene: Zonia_72 Start: 58738, Stop: 59322, Start Num: 20
Candidate Starts for Zonia_72:
(3, 58504), (5, 58576), (8, 58597), (11, 58657), (16, 58696), (Start: 19 @58726 has 61 MA's), (Start: 20 @58738 has 236 MA's), (21, 58774), (23, 58795), (24, 58798), (27, 58828), (34, 58984), (40, 59080),

(47, 59263), (48, 59266), (49, 59290),