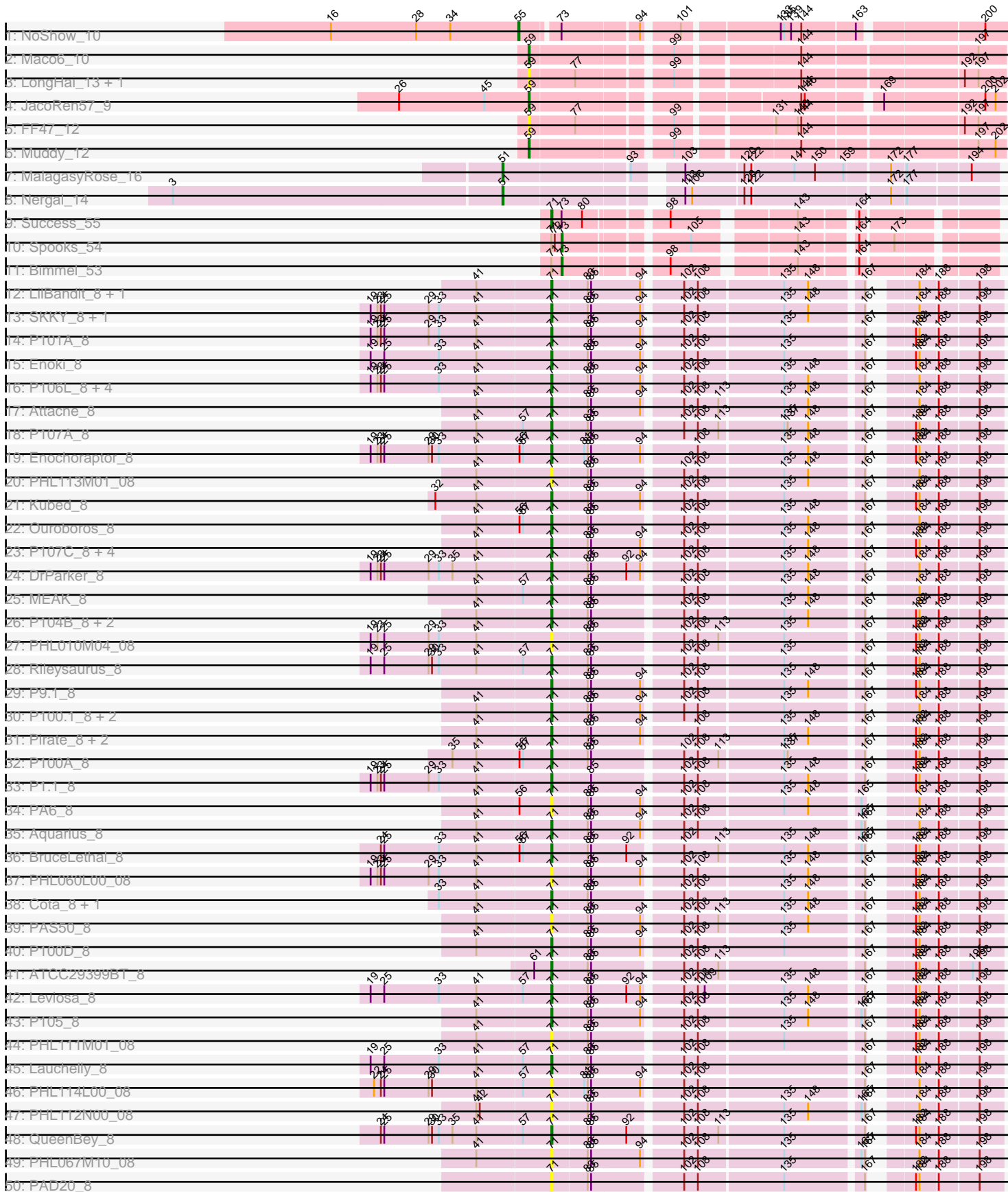
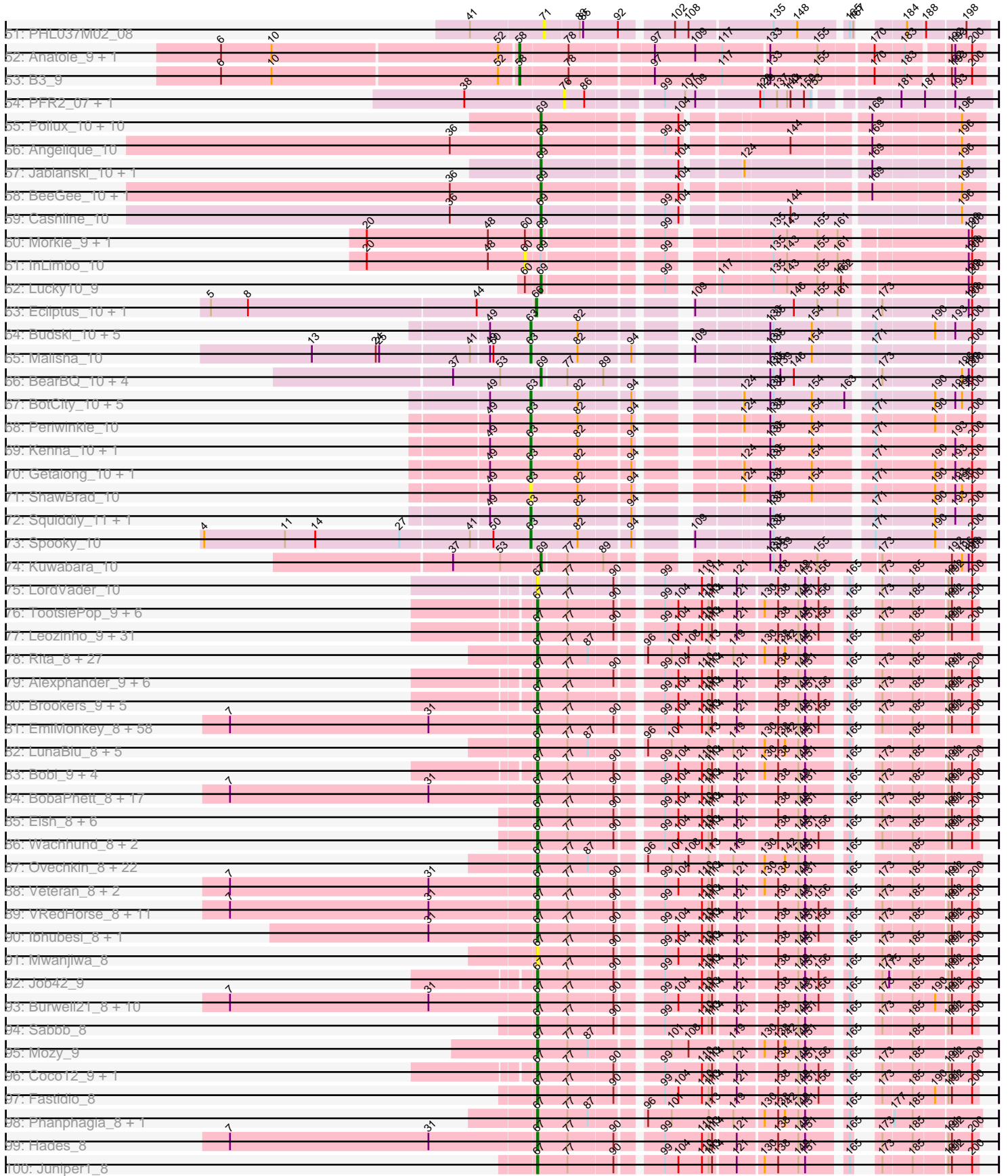


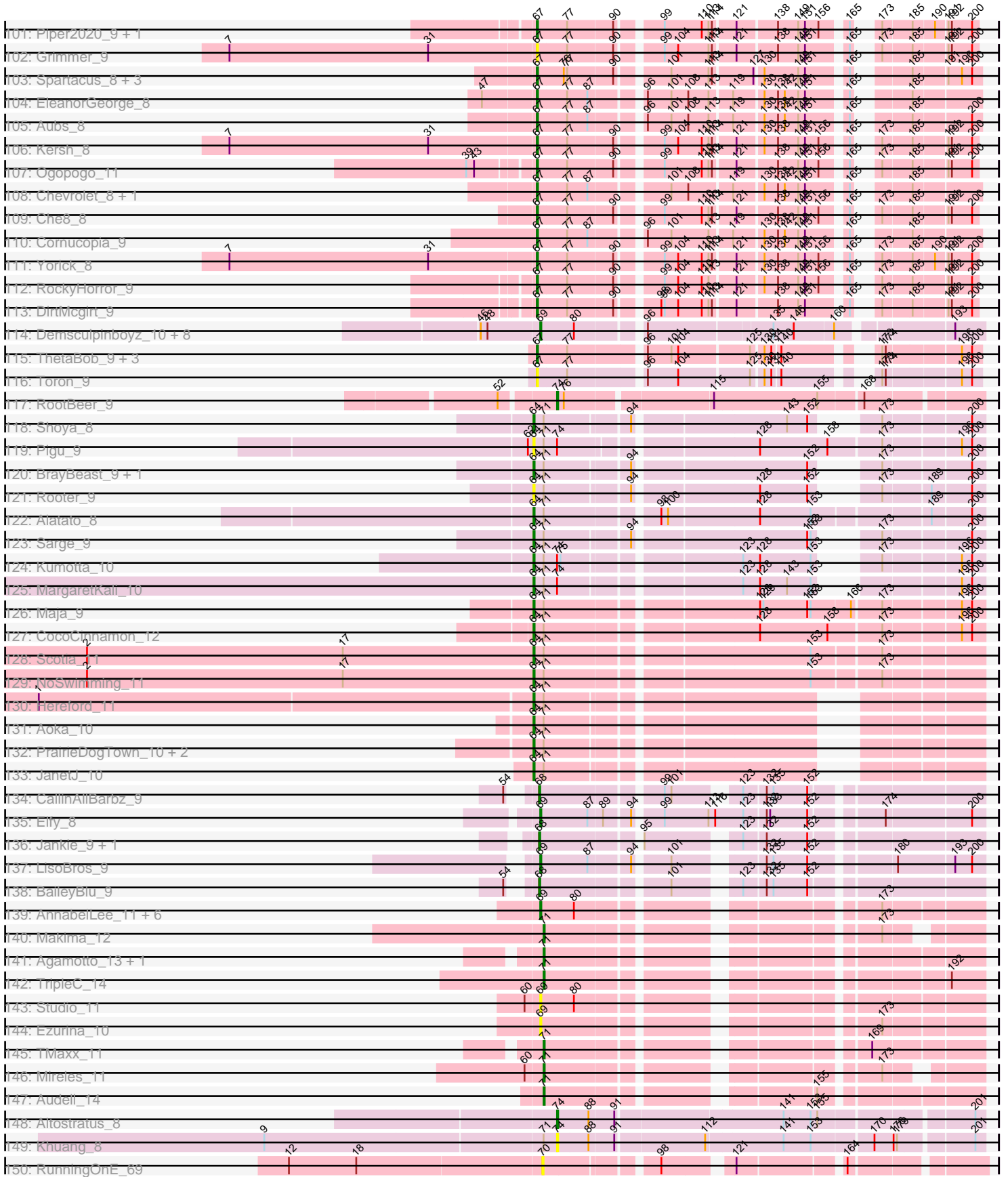
Pham 311071



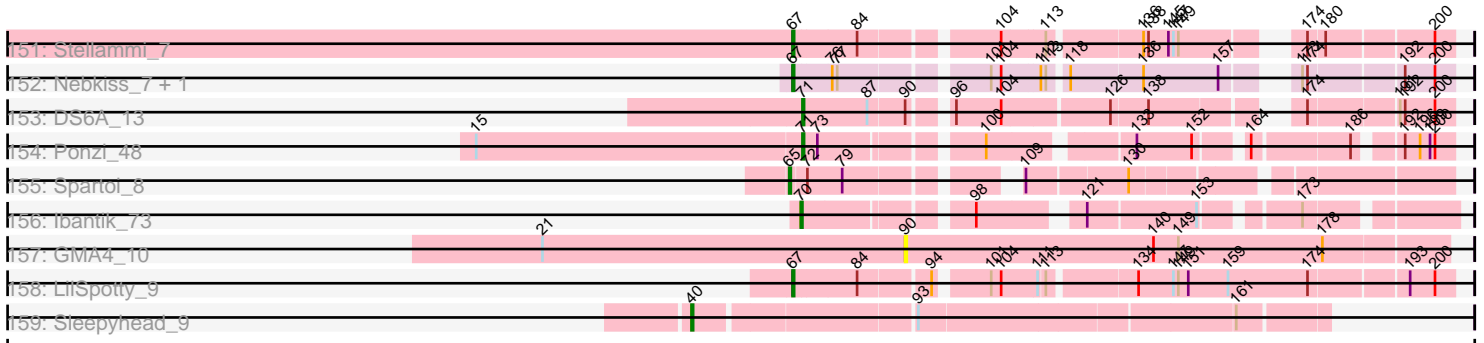
Pham 311071



Pham 311071



Pham 311071



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 311071 Report

This analysis was run 06/27/26 on database version 652.

Pham number 311071 has 453 members, 60 are drafts.

Phages represented in each track:

- Track 1 : NoShow_10
- Track 2 : Maco6_10
- Track 3 : LongHai_13, Salvus_13
- Track 4 : JacoRen57_9
- Track 5 : FF47_12
- Track 6 : Muddy_12
- Track 7 : MalagasyRose_16
- Track 8 : Nergal_14
- Track 9 : Success_55
- Track 10 : Spooks_54
- Track 11 : Bimmel_53
- Track 12 : LilBandit_8, P14.4_8
- Track 13 : SKKY_8, Moyashi_8
- Track 14 : P101A_8
- Track 15 : Enoki_8
- Track 16 : P106L_8, P106I_8, P106M_8, P106C_8, P106A_8
- Track 17 : Attacne_8
- Track 18 : P107A_8
- Track 19 : Enochoraptor_8
- Track 20 : PHL113M01_08
- Track 21 : Kubed_8
- Track 22 : Ouroboros_8
- Track 23 : P107C_8, Wizzo_8, ATCC29399BC_8, Supernova_8, Solid_8
- Track 24 : DrParker_8
- Track 25 : MEAK_8
- Track 26 : P104B_8, Stormborn_8, Procrass1_8
- Track 27 : PHL010M04_08
- Track 28 : Rileysaurus_8
- Track 29 : P9.1_8
- Track 30 : P100.1_8, MrAK_8, P104A_8
- Track 31 : Pirate_8, PHL071N05_08, P108C_8
- Track 32 : P100A_8
- Track 33 : P1.1_8
- Track 34 : PA6_8
- Track 35 : Aquarius_8
- Track 36 : BruceLethal_8
- Track 37 : PHL060L00_08

- Track 38 : Cota_8, Keiki_8
- Track 39 : PAS50_8
- Track 40 : P100D_8
- Track 41 : ATCC29399BT_8
- Track 42 : Leviosa_8
- Track 43 : P105_8
- Track 44 : PHL111M01_08
- Track 45 : Lauchelly_8
- Track 46 : PHL114L00_08
- Track 47 : PHL112N00_08
- Track 48 : QueenBey_8
- Track 49 : PHL067M10_08
- Track 50 : PAD20_8
- Track 51 : PHL037M02_08
- Track 52 : Anatole_9, E1_9
- Track 53 : B3_9
- Track 54 : PFR2_07, PFR1_07
- Track 55 : Pollux_10, Floral_10, BritBrat_10, LonelyBoi_10, Posh_10, Lilas_10, EMSquaredA_10, Bradissa_10, EnalisNailo_10, Confidence_10, Marteena_10
- Track 56 : Angelique_10
- Track 57 : Jablanski_10, Pytheas_10
- Track 58 : BeeGee_10, Wrigley_10
- Track 59 : Cashline_10
- Track 60 : Morkie_9, PhorbesPhlower_9
- Track 61 : InLimbo_10
- Track 62 : Lucky10_9
- Track 63 : Ecliptus_10, ODay_10
- Track 64 : Budski_10, Phabuloso_10, CheeseTouch_10, Holliday_10, LitninMcQueen_10, Kamaru_10
- Track 65 : Malisha_10
- Track 66 : BearBQ_10, MortyNRick_10, Birdsong_10, Apricot_10, Crater_10
- Track 67 : BotCity_10, Horus_10, BENtherdunthat_10, Frickyeah_10, Leroy_10, Asapag_10
- Track 68 : Periwinkle_10
- Track 69 : Kenna_10, Lutum_10
- Track 70 : Getalong_10, Whitney_10
- Track 71 : ShawBrad_10
- Track 72 : Squiddly_11, Phistory_10
- Track 73 : Spooky_10
- Track 74 : Kuwabara_10
- Track 75 : LordVader_10
- Track 76 : TootsiePop_9, Aloeri_9, DocMcStuffins_9, Misha28_9, ChickenDinner_9, Mova_9, Tootsieroll_9
- Track 77 : Leozinho_9, Spikelee_9, Plumbus_9, MulchExplorer_9, Slim_9, Hegedechwinu_9, Doomslug_10, Tchotchke_9, Kimberlium_9, SimranZ1_9, OwlsT2W_9, Beanstalk_9, Squirty_9, Girafales_9, DosHalletts_9, Brushbloom_9, Frankie_9, Juice456_9, Boomer_9, Emmaloid_9, Starcevich_9, Peridot_10, Beakin_9, DaWorst_9, Totinger_9, Flathead_9, Rialto_9, Ramsey_9, Madiba_9, Pollywog_9, LittleShirley_9, Quico_9
- Track 78 : Rita_8, DotProduct_8, Guppsters_8, IMpilo_8, Taj_8, Clank_8, Kenuha5_8, SuperGrey_8, Bipolar_8, Ms6_8, Topiatin_10, MilanaBonita_9, DLane_8, SiSi_8, QuickMath_8, Firehouse51_8, SG4_8, KristaRAM_9, MilleniumForce_9, DoRead_8, DillTech15_8, Wee_8, Jant_8, DeadP_8, Hamulus_8,

Akhila_9, Emma_8, Ardmore_8

- Track 79 : Alexphander_9, UncleRicky_9, Drago_9, Enby_9, Lorde_9, Lucia_9, Oksu_9
- Track 80 : Brookers_9, Kingsley_9, Cerasum_9, Sarma624_9, Velveteen_9, BigPhil_9
- Track 81 : EmiMonkey_8, KingMidas_8, Nimbo_8, Estave1_8, ByChance_8, Saal_8, Dorothy_8, OldBen_8, Doug_8, Vivum_8, Pacc40_8, Polka14_8, Scottish_8, Cabrinians_8, PMC_8, Eradicator_8, Violac_8, Leperchaun_8, Dante_8, Sandalphon_8, Minnie_8, Empress_8, Inventum_8, MadMen_8, Sassafras_8, PhilipPhlop_8, DaddyRickover_8, LilMoolah_8, RedBird_8, Phatniss_8, FreddyB_8, Koella_8, Blexus_8, Radiance_8, Jennelsea_8, RitaG_8, NormanBulbieJr_8, BodEinwohner17_8, Gandalph_8, TDanisky_8, DRBy19_8, Pippy_8, Deb65_8, Mahavrat_8, Gorge_8, PHappiness_8, JoeyJr_8, Llij_8, Clifton_8, Sparkdehliily_8, Geralt_8, Doomphist_8, Brocalys_8, BlueCrab_8, IbOuu_8, Daenerys_8, Rockne_8, Poenanya_8, Priscilla_8
- Track 82 : LunaBlu_8, NewHope4_8, Polo2Bam_9, SeaLumen_8, Galactic_8, Enzomatic_9
- Track 83 : Bobi_9, Stap_9, BuzzLyseyear_9, Seagreen_9, JalFarm20_9
- Track 84 : BobaPhett_8, Seabastian_8, Okabe_10, MulchSalad_8, James_8, AlpineSix_8, Modragons_8, Hlubikazi_8, Ochi17_8, Mattes_8, Nichirin_8, Fancypants_8, Strokeseat_8, LastJedi_8, Llama_8, Mandlovu_8, OfUltron_8, Jinglebell_8
- Track 85 : Eish_8, Latretium_8, Girr_8, Phasih_8, Whouxphf_8, MisterCuddles_8, Ruby_8
- Track 86 : Wachhund_8, Byougenkin_8, Spoonbill_8
- Track 87 : Ovechkin_8, StAnnes_8, Batiatus_8, Corium_8, Melissauren88_8, PopTart_8, Phalconet_8, Fruitloop_8, Royals2015_8, CaptainTrips_9, Medindi_8, Krakatau_9, XFactor_8, PhesterPhotato_8, MinionDave_9, Chuckly_8, Whatsapiecost_8, Tweety_8, KingJulian_8, PatoPoderoso_8, ShroomBoi_8, SassyB_8, Filuzino_8
- Track 88 : Veteran_8, Karhdo_8, GUmbie_8
- Track 89 : VRedHorse_8, Florinda_8, GigiOuiOui_8, Zerg_8, Donkeykong_8, Mantra_8, Nitzel_9, Bubbles123_8, CheesePuff_8, OlympiaSaint_8, Crumble_8, Moonbeam_8
- Track 90 : Ibhubesi_8, Harley_8
- Track 91 : Mwanjiwa_8
- Track 92 : Job42_9
- Track 93 : Burwell21_8, ShowerHandel_8, Nivrat_8, Lizziana_8, Zizzle_8, Maravista_8, Philus_8, SwagPiggett_8, ShiLan_8, Jarcob_8, Martik_8
- Track 94 : Sabbb_8
- Track 95 : Mozy_9
- Track 96 : Coco12_9, Marker_9
- Track 97 : Fastidio_8
- Track 98 : Phanphagia_8, Shauna1_8
- Track 99 : Hades_8
- Track 100 : Juniper1_8
- Track 101 : Piper2020_9, Awesomesauce_9
- Track 102 : Grimmer_9
- Track 103 : Spartacus_8, IrishSherpFalk_8, Mutaforma13_8, WillSterrel_8
- Track 104 : EleanorGeorge_8
- Track 105 : Aubs_8
- Track 106 : Kersh_8
- Track 107 : Ogotopogo_11

- Track 108 : Chevrolet_8, ArcusAngelus_8
- Track 109 : Che8_8
- Track 110 : Cornucopia_9
- Track 111 : Yorick_8
- Track 112 : RockyHorror_9
- Track 113 : DirtMcgirt_9
- Track 114 : Demsculpinboyz_10, Avani_10, SilverChicken_10, Soul22_10, Che9d_10, Zapner_11, Blarby_11, Jabbawokkie_11, Yoshi_10
- Track 115 : ThetaBob_9, Renaud18_9, TChen_9, LunaStella_9
- Track 116 : Toron_9
- Track 117 : RootBeer_9
- Track 118 : Shoya_8
- Track 119 : Pigu_9
- Track 120 : BrayBeast_9, JeanClaude_9
- Track 121 : Rooter_9
- Track 122 : Alatato_8
- Track 123 : Sarge_9
- Track 124 : Kumotta_10
- Track 125 : MargaretKali_10
- Track 126 : Maja_9
- Track 127 : CocoCinnamon_12
- Track 128 : Scotia_11
- Track 129 : NoSwimming_11
- Track 130 : Hereford_11
- Track 131 : Aoka_10
- Track 132 : PrairieDogTown_10, Morrey_15, EvenBluerMoon_10
- Track 133 : JanetJ_10
- Track 134 : CallinAllBarbz_9
- Track 135 : Elfy_8
- Track 136 : Jankie_9, GrimEater_9
- Track 137 : LisoBros_9
- Track 138 : BaileyBlu_9
- Track 139 : AnnabelLee_11, Neuville_11, CardboardBox_11, ChamoyPickle_11, Roberts_11, Gerri43_11, ChipsNGuac_11
- Track 140 : Makima_12
- Track 141 : Agamoto_13, LastNadiia_14
- Track 142 : TripleC_14
- Track 143 : Studio_11
- Track 144 : Ezurina_10
- Track 145 : TMaxx_11
- Track 146 : Mireles_11
- Track 147 : Audell_14
- Track 148 : Altostratus_8
- Track 149 : Khuang_8
- Track 150 : RunningOnE_69
- Track 151 : Stellammi_7
- Track 152 : Nebkiss_7, Gaia_7
- Track 153 : DS6A_13
- Track 154 : Ponzi_48
- Track 155 : Spartoi_8
- Track 156 : Ibantik_73
- Track 157 : GMA4_10
- Track 158 : LilSpotty_9

- Track 159 : Sleepyhead_9

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

The start number called the most often in the published annotations is 67, it was called in 242 of the 393 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Akhila_9, Alexphander_9, Aloeri_9, AlpineSix_8, ArcusAngelus_8, Ardmore_8, Aubs_8, Awesomesauce_9, Batiatus_8, Beakin_9, Beanstalk_9, BigPhil_9, Bipolar_8, Blexus_8, BlueCrab_8, BobaPhett_8, Bobi_9, BodEinwohner17_8, Boomer_9, Brocalys_8, Brookers_9, Brushbloom_9, Bubbles123_8, Burwell21_8, BuzzLyseyear_9, ByChance_8, Byougenkin_8, Cabrinians_8, CaptainTrips_9, Cerasum_9, Che8_8, Cheesepuff_8, Chevrolet_8, ChickenDinner_9, Chuckly_8, Clank_8, Clifton_8, Coco12_9, Corium_8, Cornucopia_9, Crumble_8, DLane_8, DRBy19_8, DaWorst_9, DaddyRickover_8, Daenerys_8, Dante_8, DeadP_8, Deb65_8, DillTech15_8, DirtMcgirt_9, DoRead_8, DocMcStuffins_9, Donkeykong_8, Doomphist_8, Doomslug_10, Dorothy_8, DosHalletts_9, DotProduct_8, Doug_8, Drago_9, Eish_8, EleanorGeorge_8, EmiMonkey_8, Emma_8, Emmaloid_9, Empress_8, Enby_9, Enzomatic_9, Eradicator_8, Estave1_8, Fancypants_8, Fastidio_8, Filuzino_8, Firehouse51_8, Flathead_9, Florinda_8, Frankie_9, FreddyB_8, Fruitloop_8, GUmbe_8, Gaia_7, Galactic_8, Gandolph_8, Geralt_8, GigiOuiOui_8, Girafales_9, Girr_8, Gorge_8, Grimmer_9, Guppsters_8, Hades_8, Hamulus_8, Harley_8, Hegedechwinu_9, Hlubikazi_8, IMpilo_8, IbOuu_8, Ibhubesi_8, Inventum_8, IrishSherpFalk_8, JalFarm20_9, James_8, Jant_8, Jarcob_8, Jennelsea_8, Jinglebell_8, Job42_9, JoeyJr_8, Juice456_9, Juniper1_8, Karhdo_8, Kenuha5_8, Kersh_8, Kimberlium_9, KingJulian_8, KingMidas_8, Kingsley_9, Koella_8, Krakatau_9, KristaRAM_9, LastJedi_8, Latretium_8, Leozinho_9, Leperchaun_8, LilMoolah_8, LilSpotty_9, LittleShirley_9, Lizziana_8, Llama_8, Llij_8, LordVader_10, Lorde_9, Lucia_9, LunaBlu_8, LunaStella_9, MadMen_8, Madiba_9, Mahavrat_8, Mandlovu_8, Mantra_8, Maravista_8, Marker_9, Martik_8, Mattes_8, Medindi_8, Melissauren88_8, MilanaBonita_9, MilleniumForce_9, MinionDave_9, Minnie_8, Misha28_9, MisterCuddles_8, Modragons_8, Moonbeam_8, Mova_9, Mozy_9, Ms6_8, MulchExplorer_9, MulchSalad_8, Mutaforma13_8, Mwanjiwa_8, Nebkiss_7, NewHope4_8, Nichirin_8, Nimbo_8, Nitzel_9, Nivrat_8, NormanBulbieJr_8, Ochi17_8, OfUltron_8, Ogopogo_11, Okabe_10, Oksu_9, OldBen_8, OlympiaSaint_8, Ovechkin_8, OwlsT2W_9, PHappiness_8, PMC_8, Pacc40_8, PatoPoderoso_8, Peridot_10, Phalconet_8, Phanphagia_8, Phasih_8, Phatniss_8, PhesterPhotato_8, Philus_8, PhilipPhlop_8, Piper2020_9, Pippy_8, Plumbus_9, Poenanya_8, Polka14_8, Pollywog_9, Polo2Bam_9, PopTart_8, Priscilla_8, QuickMath_8, Quico_9, Radiance_8, Ramsey_9, RedBird_8, Renaud18_9, Rialto_9, RitaG_8, Rita_8, Rockne_8, RockyHorror_9, Royals2015_8, Ruby_8, SG4_8, Saal_8, Sabbb_8, Sandalphon_8, Sarma624_9, Sassafras_8, SassyB_8, Scottish_8, SeaLumen_8, Sebastian_8, Seagreen_9, Shauna1_8, ShiLan_8, ShowerHandel_8, ShroomBoi_8, SiSi_8, SimranZ1_9, Slim_9, Sparkdehlily_8, Spartacus_8, Spikelee_9, Spoonbill_8, Squirty_9, StAnnes_8, Stap_9, Starcevich_9, Stellammi_7, Strokeseat_8, SuperGrey_8, SwagPiggett_8, TChen_9, TDanisky_8, Taj_8, Tchotchke_9, ThetaBob_9, TootsiePop_9, Tootsieroll_9, Topiatin_10, Toron_9, Totinger_9, Tweety_8, UncleRicky_9, VRedHorse_8, Velveteen_9, Veteran_8, Violac_8,

Vivum_8, Wachhund_8, Wee_8, Whatsapiecost_8, Whouxphf_8, WillSterrel_8, XFactor_8, Yorick_8, Zerg_8, Zizzle_8,

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

-

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

- ATCC29399BC_8, ATCC29399BT_8, Agamoto_13, Alatato_8, Altostratus_8, Anatole_9, Angelique_10, AnnabelLee_11, Aoka_10, Apricot_10, Aquarius_8, Asapag_10, Attacne_8, Audell_14, Avani_10, B3_9, BENtherdunthat_10, BaileyBlu_9, BearBQ_10, BeeGee_10, Bimmel_53, Birdsong_10, Blarby_11, BotCity_10, Bradissa_10, BrayBeast_9, BritBrat_10, BruceLethal_8, Budski_10, CallinAllBarbz_9, CardboardBox_11, Cashline_10, ChamoyPickle_11, Che9d_10, CheeseTouch_10, ChipsNGuac_11, CocoCinnamon_12, Confidence_10, Cota_8, Crater_10, DS6A_13, Demsculpinboyz_10, DrParker_8, E1_9, EMSquaredA_10, Ecliptus_10, Elfy_8, EnalisNailo_10, Enochoraptor_8, Enoki_8, EvenBluerMoon_10, Ezurina_10, FF47_12, Floral_10, Frickyeah_10, GMA4_10, Gerri43_11, Getalong_10, GrimEater_9, Hereford_11, Holliday_10, Horus_10, Ibantik_73, InLimbo_10, Jabbawokkie_11, Jablanski_10, JacoRen57_9, JanetJ_10, Jankie_9, JeanClaude_9, Kamaru_10, Keiki_8, Kenna_10, Khuang_8, Kubed_8, Kumotta_10, Kuwabara_10, LastNadiia_14, Lauchelly_8, Leroy_10, Leviosa_8, LilBandit_8, Lilas_10, LisoBros_9, LitninMcQueen_10, LonelyBoi_10, LongHai_13, Lucky10_9, Lutum_10, MEAK_8, Maco6_10, Maja_9, Makima_12, MalagasyRose_16, Malisha_10, MargaretKali_10, Marteena_10, Mireles_11, Morkie_9, Morrey_15, MortyNRick_10, Moyashi_8, MrAK_8, Muddy_12, Nergal_14, Neuville_11, NoShow_10, NoSwimming_11, ODay_10, Ouroboros_8, P1.1_8, P100.1_8, P100A_8, P100D_8, P101A_8, P104A_8, P104B_8, P105_8, P106A_8, P106C_8, P106I_8, P106L_8, P106M_8, P107A_8, P107C_8, P108C_8, P14.4_8, P9.1_8, PA6_8, PAD20_8, PAS50_8, PFR1_07, PFR2_07, PHL010M04_08, PHL037M02_08, PHL060L00_08, PHL067M10_08, PHL071N05_08, PHL111M01_08, PHL112N00_08, PHL113M01_08, PHL114L00_08, Periwinkle_10, Phabuloso_10, Phistory_10, PhorbesPhlower_9, Pigu_9, Pirate_8, Pollux_10, Ponzi_48, Posh_10, PrairieDogTown_10, Procrass1_8, Pytheas_10, QueenBey_8, Rileysaurus_8, Roberts_11, RootBeer_9, Rooter_9, RunningOnE_69, SKKY_8, Salvus_13, Sarge_9, Scotia_11, ShawBrad_10, Shoya_8, SilverChicken_10, Sleepyhead_9, Solid_8, Soul22_10, Spartoi_8, Spooks_54, Spooky_10, Squiddly_11, Stormborn_8, Studio_11, Success_55, Supernova_8, TMaxx_11, TripleC_14, Whitney_10, Wizzo_8, Wrigley_10, Yoshi_10, Zapner_11,

Summary by start number:

Start 40:

- Found in 1 of 453 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sleepyhead_9 (singleton),

Start 51:

- Found in 2 of 453 (0.4%) of genes in pham
- Manual Annotations of this start: 2 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: MalagasyRose_16 (AG), Nergal_14 (AG),

Start 55:

- Found in 1 of 453 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: NoShow_10 (AB),

Start 58:

- Found in 3 of 453 (0.7%) of genes in pham
- Manual Annotations of this start: 3 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anatole_9 (BV), B3_9 (BV), E1_9 (BV),

Start 59:

- Found in 6 of 453 (1.3%) of genes in pham
- Manual Annotations of this start: 3 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: FF47_12 (AB), JacoRen57_9 (AB), LongHai_13 (AB), Maco6_10 (AB), Muddy_12 (AB), Salvus_13 (AB),

Start 60:

- Found in 6 of 453 (1.3%) of genes in pham
- No Manual Annotations of this start.
- Called 16.7% of time when present
- Phage (with cluster) where this start called: InLimbo_10 (DH),

Start 63:

- Found in 22 of 453 (4.9%) of genes in pham
- Manual Annotations of this start: 20 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Asapag_10 (DN1), BENtherdunthat_10 (DN1), BotCity_10 (DN), Budski_10 (DN), CheeseTouch_10 (DN1), Frickyeah_10 (DN1), Getalong_10 (DN1), Holliday_10 (DN1), Horus_10 (DN1), Kamaru_10 (DN1), Kenna_10 (DN1), Leroy_10 (DN1), LitninMcQueen_10 (DN1), Lutum_10 (DN1), Malisha_10 (DN), Periwinkle_10 (DN1), Phabuloso_10 (DN1), Phistory_10 (DN1), ShawBrad_10 (DN1), Spooky_10 (DN2), Squiddly_11 (DN2), Whitney_10 (DN1),

Start 64:

- Found in 19 of 453 (4.2%) of genes in pham
- Manual Annotations of this start: 15 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alatato_8 (FB), Aoka_10 (FO), BrayBeast_9 (FB), CocoCinnamon_12 (FO), EvenBluerMoon_10 (FO), Hereford_11 (FO), JanetJ_10 (FO), JeanClaude_9 (FB), Kumotta_10 (FB), Maja_9 (FO), MargaretKali_10 (FB), Morrey_15 (FO), NoSwimming_11 (FO), Pigu_9 (FB), PrairieDogTown_10 (FO), Rooter_9 (FB), Sarge_9 (FB), Scotia_11 (FO), Shoya_8 (FB),

Start 65:

- Found in 1 of 453 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Spartoi_8 (singleton),

Start 66:

- Found in 2 of 453 (0.4%) of genes in pham
- Manual Annotations of this start: 2 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ecliptus_10 (DN), ODay_10 (DN),

Start 67:

- Found in 268 of 453 (59.2%) of genes in pham
- Manual Annotations of this start: 242 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Akhila_9 (F1), Alexphander_9 (F1), Aloeri_9 (F1), AlpineSix_8 (F1), ArcusAngelus_8 (F1), Ardmore_8 (F1), Aubs_8 (F1), Awesomesauce_9 (F1), Batiatus_8 (F1), Beakin_9 (F1), Beanstalk_9 (F1), BigPhil_9 (F1), Bipolar_8 (F1), Blexus_8 (F1), BlueCrab_8 (F1), BobaPhett_8 (F1), Bobi_9 (F1), BodEinwohner17_8 (F1), Boomer_9 (F1), Brocalys_8 (F1), Brookers_9 (F1), Brushbloom_9 (F1), Bubbles123_8 (F1), Burwell21_8 (F1), BuzzLyseyear_9 (F1), ByChance_8 (F1), Byougenkin_8 (F1), Cabrinians_8 (F1), CaptainTrips_9 (F1), Cerasum_9 (F1), Che8_8 (F1), CheesePuff_8 (F1), Chevrolet_8 (F1), ChickenDinner_9 (F1), Chuckly_8 (F1), Clank_8 (F), Clifton_8 (F1), Coco12_9 (F1), Corium_8 (F1), Cornucopia_9 (F1), Crumble_8 (F1), DLane_8 (F1), DRBy19_8 (F1), DaWorst_9 (F1), DaddyRickover_8 (F1), Daenerys_8 (F1), Dante_8 (F1), DeadP_8 (F1), Deb65_8 (F1), DillTech15_8 (F1), DirtMcgirt_9 (F1), DoRead_8 (F1), DocMcStuffins_9 (F1), Donkeykong_8 (F1), Doomphist_8 (F1), Doomslug_10 (F), Dorothy_8 (F1), DosHalletts_9 (F1), DotProduct_8 (F1), Doug_8 (F1), Drago_9 (F1), Eish_8 (F1), EleanorGeorge_8 (F1), EmiMonkey_8 (F1), Emma_8 (F1), Emmaloid_9 (F1), Empress_8 (F1), Enby_9 (F1), Enzomatic_9 (F1), Eradicator_8 (F1), Estave1_8 (F1), Fancypants_8 (F1), Fastidio_8 (F1), Filuzino_8 (F1), Firehouse51_8 (F1), Flathead_9 (F1), Florinda_8 (F1), Frankie_9 (F1), FreddyB_8 (F1), Fruitloop_8 (F1), GUmble_8 (F1), Gaia_7 (X), Galactic_8 (F1), Gandolph_8 (F1), Geralt_8 (F1), GigiOuiOui_8 (F1), Girafales_9 (F1), Girr_8 (F1), Gorge_8 (F1), Grimmer_9 (F1), Guppsters_8 (F1), Hades_8 (F1), Hamulus_8 (F1), Harley_8 (F1), Hegedechwinu_9 (F1), Hlubikazi_8 (F1), IMpilo_8 (F1), IbOuu_8 (F1), Ibhubesi_8 (F1), Inventum_8 (F1), IrishSherpFalk_8 (F1), JalFarm20_9 (F1), James_8 (F1), Jant_8 (F1), Jarcob_8 (F1), Jennelsea_8 (F1), Jinglebell_8 (F1), Job42_9 (F1), JoeyJr_8 (F1), Juice456_9 (F1), Juniper1_8 (F1), Karhdo_8 (F1), Kenuha5_8 (F1), Kersh_8 (F1), Kimberlium_9 (F1), KingJulian_8 (F1), KingMidas_8 (F1), Kingsley_9 (F1), Koella_8 (F1), Krakatau_9 (F1), KristaRAM_9 (F1), LastJedi_8 (F1), Latretium_8 (F1), Leozinho_9 (F1), Leperchaun_8 (F1), LilMoolah_8 (F1), LilSpotty_9 (singleton), LittleShirley_9 (F1), Lizziana_8 (F1), Llama_8 (F1), Llij_8 (F1), LordVader_10 (F), Lorde_9 (F1), Lucia_9 (F1), LunaBlu_8 (F1), LunaStella_9 (F4), MadMen_8 (F1), Madiba_9 (F1), Mahavrat_8 (F1), Mandlovu_8 (F1), Mantra_8 (F1), Maravista_8 (F1), Marker_9 (F1), Martik_8 (F1), Mattes_8 (F1), Medindi_8 (F1), Melissauren88_8 (F1), MilanaBonita_9 (F1), MilleniumForce_9 (F1), MinionDave_9 (F1), Minnie_8 (F1), Misha28_9 (F1), MisterCuddles_8 (F1), Modragons_8 (F1), Moonbeam_8 (F1), Mova_9 (F1), Mozy_9 (F1), Ms6_8 (F1), MulchExplorer_9 (F1), MulchSalad_8 (F7), Mutaforma13_8 (F1), Mwanjiwa_8 (F1), Nebkiss_7 (X), NewHope4_8 (F1), Nichirin_8 (F1), Nimbo_8 (F1), Nitzel_9 (F1), Nivrat_8 (F1), NormanBulbieJr_8 (F1), Ochi17_8 (F1), OfUltron_8 (F1), OgoPogo_11 (F1), Okabe_10 (F8), Oksu_9 (F1), OldBen_8 (F1), OlympiaSaint_8 (F1), Ovechkin_8 (F1), OwlsT2W_9 (F1), PHappiness_8 (F1), PMC_8 (F1), Pacc40_8 (F1), PatoPoderoso_8 (F1), Peridot_10 (F1), Phalconet_8 (F1), Phanphagia_8 (F1), Phasih_8 (F1), Phatniss_8 (F1), PhesterPhotato_8 (F1), Philus_8 (F1), PhilipPhlop_8 (F1), Piper2020_9 (F1), Pippy_8 (F1), Plumbus_9 (F1), Poenanya_8 (F1), Polka14_8

(F1), Pollywog_9 (F1), Polo2Bam_9 (F1), PopTart_8 (F1), Priscilla_8 (F1), QuickMath_8 (F1), Quico_9 (F1), Radiance_8 (F1), Ramsey_9 (F1), RedBird_8 (F1), Renaud18_9 (F4), Rialto_9 (F1), RitaG_8 (F1), Rita_8 (F1), Rockne_8 (F1), RockyHorror_9 (F1), Royals2015_8 (F1), Ruby_8 (F1), SG4_8 (F1), Saal_8 (F1), Sabb_8 (F1), Sandalphon_8 (F1), Sarma624_9 (F1), Sassafras_8 (F1), SassyB_8 (F1), Scottish_8 (F1), SeaLumen_8 (F1), Seabastian_8 (F1), Seagreen_9 (F1), Shauna1_8 (F1), ShiLan_8 (F1), ShowerHandel_8 (F1), ShroomBoi_8 (F1), SiSi_8 (F1), SimranZ1_9 (F1), Slim_9 (F1), Sparkdehlily_8 (F1), Spartacus_8 (F1), Spikelee_9 (F1), Spoonbill_8 (F1), Squirty_9 (F3), StAnnes_8 (F1), Stap_9 (F1), Starcevic_9 (F1), Stellammi_7 (UNK), Strokeseat_8 (F1), SuperGrey_8 (F1), SwagPigglett_8 (F1), TChen_9 (F4), TDanisky_8 (F1), Taj_8 (F1), Tchotchke_9 (F1), ThetaBob_9 (F4), TootsiePop_9 (F1), Tootsieroll_9 (F1), Topiatin_10 (F1), Toron_9 (F6), Totinger_9 (F1), Tweety_8 (F1), UncleRicky_9 (F1), VRedHorse_8 (F1), Velveteen_9 (F1), Veteran_8 (F1), Violac_8 (F1), Vivum_8 (F1), Wachhund_8 (F1), Wee_8 (F1), Whatsapiecost_8 (F1), Whouxphf_8 (F1), WillSterrel_8 (F1), XFactor_8 (F1), Yorick_8 (F1), Zerg_8 (F1), Zizzle_8 (F1),

Start 68:

- Found in 4 of 453 (0.9%) of genes in pham
- Manual Annotations of this start: 4 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BaileyBlu_9 (FP), CallinAllBarbz_9 (FP), GrimEater_9 (FP), Jankie_9 (FP),

Start 69:

- Found in 47 of 453 (10.4%) of genes in pham
- Manual Annotations of this start: 39 of 393
- Called 97.9% of time when present
- Phage (with cluster) where this start called: Angelique_10 (CY1), AnnabelLee_11 (FR), Apricot_10 (DN3), Avani_10 (F2), BearBQ_10 (DN), BeeGee_10 (CY5), Birdsong_10 (DN), Blarby_11 (F), Bradissa_10 (CY1), BritBrat_10 (CY2), CardboardBox_11 (FR), Cashline_10 (CY6), ChamoyPickle_11 (FR), Che9d_10 (F2), ChipsNGuac_11 (FR), Confidence_10 (CY1), Crater_10 (DN3), Demsculpinboyz_10 (F2), EMSquaredA_10 (CY1), Elfy_8 (FP), EnalisNailo_10 (CY1), Ezurina_10 (FR), Floral_10 (CY1), Gerri43_11 (FR), Jabbawokkie_11 (F2), Jablanski_10 (CY3), Kuwabara_10 (DN4), Lilas_10 (CY1), LisoBros_9 (FP), LonelyBoi_10 (CY7), Lucky10_9 (DH), Marteen_10 (CY1), Morkie_9 (DH), MortyNRick_10 (DN), Neuville_11 (FR), PhorbPhlower_9 (DH), Pollux_10 (CY1), Posh_10 (CY4), Pytheas_10 (CY3), Roberts_11 (FR), SilverChicken_10 (F2), Soul22_10 (F2), Studio_11 (FR), Wrigley_10 (CY4), Yoshi_10 (F2), Zapner_11 (F2),

Start 70:

- Found in 2 of 453 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 393
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ibantik_73 (singleton), RunningOnE_69 (UNK),

Start 71:

- Found in 89 of 453 (19.6%) of genes in pham
- Manual Annotations of this start: 55 of 393
- Called 75.3% of time when present

- Phage (with cluster) where this start called: ATCC29399BC_8 (BU), ATCC29399BT_8 (BU), Agamoto_13 (FR), Aquarius_8 (BU), Attacne_8 (BU), Audell_14 (FR), BruceLethal_8 (BU), Cota_8 (BU), DS6A_13 (singleton), DrParker_8 (BU), Enochoraptor_8 (BU), Enoki_8 (BU), Keiki_8 (BU), Kubed_8 (BU), LastNadiia_14 (FR), Lauchelly_8 (BU), Leviosa_8 (BU), LilBandit_8 (BU), MEAK_8 (BU), Makima_12 (FR), Mireles_11 (FR), Moyashi_8 (BU), MrAK_8 (BU), Ouroboros_8 (BU), P1.1_8 (BU), P100.1_8 (BU), P100A_8 (BU), P100D_8 (BU), P101A_8 (BU), P104A_8 (BU), P104B_8 (BU), P105_8 (BU), P106A_8 (BU), P106C_8 (BU), P106I_8 (BU), P106L_8 (BU), P106M_8 (BU), P107A_8 (BU), P107C_8 (BU), P108C_8 (BU), P14.4_8 (BU), P9.1_8 (BU), PA6_8 (BU), PAD20_8 (BU), PAS50_8 (BU), PHL010M04_08 (BU), PHL037M02_08 (BU), PHL060L00_08 (BU), PHL067M10_08 (BU), PHL071N05_08 (BU), PHL111M01_08 (BU), PHL112N00_08 (BU), PHL113M01_08 (BU), PHL114L00_08 (BU), Pirate_8 (BU), Ponzi_48 (singleton), Procrass1_8 (BU), QueenBey_8 (BU), Rileysaurus_8 (BU), SKKY_8 (BU), Solid_8 (BU), Stormborn_8 (BU), Success_55 (BT), Supernova_8 (BU), TMaxx_11 (FR), TripleC_14 (FR), Wizzo_8 (BU),

Start 73:

- Found in 5 of 453 (1.1%) of genes in pham
- Manual Annotations of this start: 2 of 393
- Called 40.0% of time when present
- Phage (with cluster) where this start called: Bimmel_53 (BT), Spooks_54 (BT),

Start 74:

- Found in 6 of 453 (1.3%) of genes in pham
- Manual Annotations of this start: 2 of 393
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Altostratus_8 (FS), Khuang_8 (FS), RootBeer_9 (FA),

Start 76:

- Found in 9 of 453 (2.0%) of genes in pham
- No Manual Annotations of this start.
- Called 22.2% of time when present
- Phage (with cluster) where this start called: PFR1_07 (BX), PFR2_07 (BX),

Start 90:

- Found in 190 of 453 (41.9%) of genes in pham
- No Manual Annotations of this start.
- Called 0.5% of time when present
- Phage (with cluster) where this start called: GMA4_10 (singleton),

Summary by clusters:

There are 36 clusters represented in this pham: DN, FP, FR, FS, DH, singleton, BT, BU, FB, BX, FO, CY5, CY4, DN4, DN1, DN3, DN2, CY3, CY2, CY1, AB, CY7, CY6, AG, F, FA, X, UNK, F1, F2, F3, F4, F6, F7, F8, BV,

Info for manual annotations of cluster AB:

- Start number 55 was manually annotated 1 time for cluster AB.
- Start number 59 was manually annotated 3 times for cluster AB.

Info for manual annotations of cluster AG:

- Start number 51 was manually annotated 2 times for cluster AG.

Info for manual annotations of cluster BT:

- Start number 71 was manually annotated 1 time for cluster BT.
- Start number 73 was manually annotated 2 times for cluster BT.

Info for manual annotations of cluster BU:

- Start number 71 was manually annotated 45 times for cluster BU.

Info for manual annotations of cluster BV:

- Start number 58 was manually annotated 3 times for cluster BV.

Info for manual annotations of cluster CY1:

- Start number 69 was manually annotated 9 times for cluster CY1.

Info for manual annotations of cluster CY2:

- Start number 69 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:

- Start number 69 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:

- Start number 69 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY5:

- Start number 69 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:

- Start number 69 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:

- Start number 69 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster DH:

- Start number 69 was manually annotated 3 times for cluster DH.

Info for manual annotations of cluster DN:

- Start number 63 was manually annotated 3 times for cluster DN.
- Start number 66 was manually annotated 2 times for cluster DN.
- Start number 69 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 63 was manually annotated 15 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 63 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster DN3:

- Start number 69 was manually annotated 2 times for cluster DN3.

Info for manual annotations of cluster DN4:

- Start number 69 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster F1:

- Start number 67 was manually annotated 233 times for cluster F1.

Info for manual annotations of cluster F2:

- Start number 69 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F3:

- Start number 67 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:

- Start number 67 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster FA:

- Start number 74 was manually annotated 1 time for cluster FA.

Info for manual annotations of cluster FB:

- Start number 64 was manually annotated 6 times for cluster FB.

Info for manual annotations of cluster FO:

- Start number 64 was manually annotated 9 times for cluster FO.

Info for manual annotations of cluster FP:

- Start number 68 was manually annotated 4 times for cluster FP.
- Start number 69 was manually annotated 2 times for cluster FP.

Info for manual annotations of cluster FR:

- Start number 69 was manually annotated 4 times for cluster FR.
- Start number 71 was manually annotated 7 times for cluster FR.

Info for manual annotations of cluster FS:

- Start number 74 was manually annotated 1 time for cluster FS.

Info for manual annotations of cluster UNK:

- Start number 67 was manually annotated 1 time for cluster UNK.

Info for manual annotations of cluster X:

- Start number 67 was manually annotated 2 times for cluster X.

Gene Information:

Gene: ATCC29399BC_8 Start: 6098, Stop: 6445, Start Num: 71

Candidate Starts for ATCC29399BC_8:

(41, 6035), (Start: 71 @6098 has 55 MA's), (83, 6128), (85, 6131), (94, 6173), (102, 6203), (108, 6215), (135, 6287), (148, 6308), (167, 6350), (182, 6374), (184, 6377), (188, 6392), (198, 6425),

Gene: ATCC29399BT_8 Start: 6095, Stop: 6442, Start Num: 71

Candidate Starts for ATCC29399BT_8:

(61, 6080), (Start: 71 @6095 has 55 MA's), (83, 6125), (85, 6128), (102, 6200), (108, 6212), (113, 6230), (167, 6347), (182, 6371), (184, 6374), (188, 6389), (195, 6416), (198, 6422),

Gene: Agamoto_13 Start: 10199, Stop: 10531, Start Num: 71

Candidate Starts for Agamoto_13:

(Start: 71 @10199 has 55 MA's),

Gene: Akhila_9 Start: 7094, Stop: 7426, Start Num: 67

Candidate Starts for Akhila_9:

(Start: 67 @7094 has 242 MA's), (77, 7118), (87, 7136), (96, 7175), (101, 7196), (108, 7211), (113, 7229), (119, 7247), (130, 7271), (138, 7283), (142, 7289), (149, 7301), (151, 7307), (165, 7337), (185, 7370),

Gene: Alatato_8 Start: 6552, Stop: 6920, Start Num: 64

Candidate Starts for Alatato_8:

(Start: 64 @6552 has 15 MA's), (Start: 71 @6561 has 55 MA's), (98, 6651), (100, 6657), (128, 6735), (153, 6780), (189, 6876), (200, 6909),

Gene: Alexphander_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Alexphander_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Aloeri_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for Aloeri_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (104, 6407), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (130, 6476), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (191, 6602), (192, 6605), (200, 6623),

Gene: AlpineSix_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for AlpineSix_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Altostratus_8 Start: 6384, Stop: 6734, Start Num: 74

Candidate Starts for Altostratus_8:

(Start: 74 @6384 has 2 MA's), (88, 6411), (91, 6432), (141, 6573), (153, 6597), (155, 6603), (201, 6726),

Gene: Anatole_9 Start: 6977, Stop: 7360, Start Num: 58

Candidate Starts for Anatole_9:

(6, 6722), (10, 6767), (52, 6962), (Start: 58 @6977 has 3 MA's), (78, 7019), (97, 7088), (109, 7124), (117, 7148), (133, 7187), (155, 7229), (170, 7274), (183, 7298), (192, 7331), (193, 7334), (200, 7349),

Gene: Angelique_10 Start: 7476, Stop: 7823, Start Num: 69

Candidate Starts for Angelique_10:

(36, 7398), (Start: 69 @7476 has 39 MA's), (99, 7572), (104, 7584), (144, 7668), (169, 7731), (196, 7803),

Gene: AnnabelLee_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for AnnabelLee_11:
(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: Aoka_10 Start: 8106, Stop: 8438, Start Num: 64
Candidate Starts for Aoka_10:
(Start: 64 @8106 has 15 MA's), (Start: 71 @8115 has 55 MA's),

Gene: Apricot_10 Start: 6791, Stop: 7132, Start Num: 69
Candidate Starts for Apricot_10:
(37, 6716), (53, 6758), (Start: 69 @6791 has 39 MA's), (77, 6812), (89, 6842), (133, 6956), (135, 6959),
(139, 6965), (146, 6977), (173, 7043), (196, 7112), (199, 7118), (200, 7121),

Gene: Aquarius_8 Start: 6088, Stop: 6435, Start Num: 71
Candidate Starts for Aquarius_8:
(41, 6025), (Start: 71 @6088 has 55 MA's), (83, 6118), (85, 6121), (94, 6163), (102, 6193), (108, 6205),
(165, 6337), (167, 6340), (184, 6367), (188, 6382), (198, 6415),

Gene: ArcusAngelus_8 Start: 6436, Stop: 6768, Start Num: 67
Candidate Starts for ArcusAngelus_8:
(Start: 67 @6436 has 242 MA's), (77, 6460), (87, 6478), (101, 6538), (108, 6553), (119, 6589), (130,
6613), (138, 6625), (142, 6631), (149, 6643), (151, 6649), (165, 6679), (185, 6712),

Gene: Ardmore_8 Start: 6446, Stop: 6778, Start Num: 67
Candidate Starts for Ardmore_8:
(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113,
6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185,
6722),

Gene: Asapag_10 Start: 6480, Stop: 6827, Start Num: 63
Candidate Starts for Asapag_10:
(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135,
6657), (154, 6690), (163, 6717), (171, 6735), (190, 6786), (193, 6801), (196, 6807), (200, 6816),

Gene: Attacne_8 Start: 6099, Stop: 6446, Start Num: 71
Candidate Starts for Attacne_8:
(41, 6036), (Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (94, 6174), (102, 6204), (108, 6216),
(113, 6234), (135, 6288), (148, 6309), (167, 6351), (184, 6378), (188, 6393), (198, 6426),

Gene: Aubs_8 Start: 6446, Stop: 6778, Start Num: 67
Candidate Starts for Aubs_8:
(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113,
6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185,
6722), (200, 6770),

Gene: Audell_14 Start: 10469, Stop: 10801, Start Num: 71
Candidate Starts for Audell_14:
(Start: 71 @10469 has 55 MA's), (155, 10673),

Gene: Avani_10 Start: 6438, Stop: 6791, Start Num: 69
Candidate Starts for Avani_10:
(46, 6387), (48, 6393), (Start: 69 @6438 has 39 MA's), (80, 6468), (96, 6519), (135, 6624), (146, 6642),
(160, 6675), (193, 6765),

Gene: Awesomesauce_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for Awesomesauce_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (190, 6593), (191, 6602), (192, 6605), (200, 6623),

Gene: B3_9 Start: 6977, Stop: 7360, Start Num: 58

Candidate Starts for B3_9:

(6, 6722), (10, 6767), (52, 6962), (Start: 58 @6977 has 3 MA's), (78, 7019), (97, 7088), (117, 7148), (133, 7187), (155, 7229), (170, 7274), (183, 7298), (192, 7331), (193, 7334), (200, 7349),

Gene: BENtherdunthat_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for BENtherdunthat_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135, 6657), (154, 6690), (163, 6717), (171, 6735), (190, 6786), (193, 6801), (196, 6807), (200, 6816),

Gene: BaileyBlu_9 Start: 6175, Stop: 6513, Start Num: 68

Candidate Starts for BaileyBlu_9:

(54, 6163), (Start: 68 @6175 has 4 MA's), (101, 6277), (123, 6322), (132, 6340), (135, 6346), (152, 6376),

Gene: Batiatus_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Batiatus_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Beakin_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for Beakin_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (104, 6407), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (191, 6602), (192, 6605), (200, 6623),

Gene: Beanstalk_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Beanstalk_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: BearBQ_10 Start: 6791, Stop: 7132, Start Num: 69

Candidate Starts for BearBQ_10:

(37, 6716), (53, 6758), (Start: 69 @6791 has 39 MA's), (77, 6812), (89, 6842), (133, 6956), (135, 6959), (139, 6965), (146, 6977), (173, 7043), (196, 7112), (199, 7118), (200, 7121),

Gene: BeeGee_10 Start: 7478, Stop: 7825, Start Num: 69

Candidate Starts for BeeGee_10:

(36, 7400), (Start: 69 @7478 has 39 MA's), (104, 7586), (169, 7733), (196, 7805),

Gene: BigPhil_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for BigPhil_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Bimmel_53 Start: 30684, Stop: 31001, Start Num: 73

Candidate Starts for Bimmel_53:

(Start: 71 @30675 has 55 MA's), (Start: 73 @30684 has 2 MA's), (98, 30762), (143, 30855), (164, 30897),

Gene: Bipolar_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Bipolar_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Birdsong_10 Start: 6791, Stop: 7132, Start Num: 69

Candidate Starts for Birdsong_10:

(37, 6716), (53, 6758), (Start: 69 @6791 has 39 MA's), (77, 6812), (89, 6842), (133, 6956), (135, 6959), (139, 6965), (146, 6977), (173, 7043), (196, 7112), (199, 7118), (200, 7121),

Gene: Blarby_11 Start: 6962, Stop: 7315, Start Num: 69

Candidate Starts for Blarby_11:

(46, 6911), (48, 6917), (Start: 69 @6962 has 39 MA's), (80, 6992), (96, 7043), (135, 7148), (146, 7166), (160, 7199), (193, 7289),

Gene: Blexus_8 Start: 6459, Stop: 6788, Start Num: 67

Candidate Starts for Blexus_8:

(7, 6189), (31, 6366), (Start: 67 @6459 has 242 MA's), (77, 6483), (90, 6522), (99, 6555), (104, 6567), (110, 6588), (113, 6594), (114, 6597), (121, 6615), (138, 6648), (149, 6666), (151, 6672), (156, 6684), (165, 6702), (173, 6711), (185, 6735), (191, 6762), (192, 6765), (200, 6783),

Gene: BlueCrab_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for BlueCrab_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: BobaPhett_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for BobaPhett_8:

(7, 6165), (31, 6342), (Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (138, 6624), (149, 6642), (151, 6648), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: Bobi_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Bobi_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (130, 6473), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: BodEinwohner17_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for BodEinwohner17_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Boomer_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Boomer_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: BotCity_10 Start: 6478, Stop: 6825, Start Num: 63

Candidate Starts for BotCity_10:

(49, 6442), (Start: 63 @6478 has 20 MA's), (82, 6517), (94, 6559), (124, 6631), (133, 6652), (135, 6655), (154, 6688), (163, 6715), (171, 6733), (190, 6784), (193, 6799), (196, 6805), (200, 6814),

Gene: Bradissa_10 Start: 7482, Stop: 7829, Start Num: 69

Candidate Starts for Bradissa_10:

(Start: 69 @7482 has 39 MA's), (104, 7590), (169, 7737), (196, 7809),

Gene: BrayBeast_9 Start: 7001, Stop: 7333, Start Num: 64

Candidate Starts for BrayBeast_9:

(Start: 64 @7001 has 15 MA's), (Start: 71 @7010 has 55 MA's), (94, 7079), (152, 7223), (173, 7250), (200, 7322),

Gene: BritBrat_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for BritBrat_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: Brocalys_8 Start: 6432, Stop: 6761, Start Num: 67

Candidate Starts for Brocalys_8:

(7, 6162), (31, 6339), (Start: 67 @6432 has 242 MA's), (77, 6456), (90, 6495), (99, 6528), (104, 6540), (110, 6561), (113, 6567), (114, 6570), (121, 6588), (138, 6621), (149, 6639), (151, 6645), (156, 6657), (165, 6675), (173, 6684), (185, 6708), (191, 6735), (192, 6738), (200, 6756),

Gene: Brookers_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Brookers_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: BruceLethal_8 Start: 6088, Stop: 6435, Start Num: 71

Candidate Starts for BruceLethal_8:

(24, 5941), (25, 5944), (33, 5992), (41, 6025), (56, 6061), (57, 6064), (Start: 71 @6088 has 55 MA's), (83, 6118), (85, 6121), (92, 6151), (102, 6193), (113, 6223), (135, 6277), (148, 6298), (165, 6337), (167, 6340), (182, 6364), (184, 6367), (188, 6382), (198, 6415),

Gene: Brushbloom_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Brushbloom_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Bubbles123_8 Start: 6462, Stop: 6791, Start Num: 67

Candidate Starts for Bubbles123_8:

(7, 6192), (31, 6369), (Start: 67 @6462 has 242 MA's), (77, 6486), (90, 6525), (99, 6558), (110, 6591), (113, 6597), (114, 6600), (121, 6618), (138, 6651), (149, 6669), (151, 6675), (156, 6687), (165, 6705), (173, 6714), (185, 6738), (191, 6765), (192, 6768), (200, 6786),

Gene: Budski_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for Budski_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (200, 6821),

Gene: Burwell21_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Burwell21_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (190, 6737), (191, 6746), (192, 6749), (200, 6767),

Gene: BuzzLyseyear_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for BuzzLyseyear_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (130, 6472), (138, 6484), (149, 6502), (151, 6508), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: ByChance_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for ByChance_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: Byougenkin_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Byougenkin_8:

(Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (156, 6658), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: Cabrinians_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for Cabrinians_8:

(7, 6165), (31, 6342), (Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (138, 6624), (149, 6642), (151, 6648), (156, 6660), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: CallinAllBarbz_9 Start: 6185, Stop: 6523, Start Num: 68

Candidate Starts for CallinAllBarbz_9:

(54, 6173), (Start: 68 @6185 has 4 MA's), (99, 6281), (101, 6287), (123, 6332), (132, 6350), (135, 6356), (152, 6386),

Gene: CaptainTrips_9 Start: 7094, Stop: 7426, Start Num: 67

Candidate Starts for CaptainTrips_9:

(Start: 67 @7094 has 242 MA's), (77, 7118), (87, 7136), (96, 7175), (101, 7196), (108, 7211), (113, 7229), (119, 7247), (130, 7271), (142, 7289), (149, 7301), (151, 7307), (165, 7337), (185, 7370),

Gene: CardboardBox_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for CardboardBox_11:

(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: Cashline_10 Start: 7331, Stop: 7678, Start Num: 69

Candidate Starts for Cashline_10:

(36, 7253), (Start: 69 @7331 has 39 MA's), (99, 7427), (104, 7439), (144, 7523), (196, 7658),

Gene: Cerasum_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Cerasum_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: ChamoyPickle_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for ChamoyPickle_11:

(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: Che8_8 Start: 6447, Stop: 6776, Start Num: 67

Candidate Starts for Che8_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (90, 6510), (99, 6543), (110, 6576), (113, 6582), (114, 6585), (121, 6603), (138, 6636), (149, 6654), (151, 6660), (156, 6672), (165, 6690), (173, 6699), (185, 6723), (191, 6750), (192, 6753), (200, 6771),

Gene: Che9d_10 Start: 6447, Stop: 6800, Start Num: 69

Candidate Starts for Che9d_10:

(46, 6396), (48, 6402), (Start: 69 @6447 has 39 MA's), (80, 6477), (96, 6528), (135, 6633), (146, 6651), (160, 6684), (193, 6774),

Gene: CheeseTouch_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for CheeseTouch_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (200, 6821),

Gene: Cheesepuff_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Cheesepuff_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: Chevrolet_8 Start: 6436, Stop: 6768, Start Num: 67

Candidate Starts for Chevrolet_8:

(Start: 67 @6436 has 242 MA's), (77, 6460), (87, 6478), (101, 6538), (108, 6553), (119, 6589), (130, 6613), (138, 6625), (142, 6631), (149, 6643), (151, 6649), (165, 6679), (185, 6712),

Gene: ChickenDinner_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for ChickenDinner_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (104, 6407), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (130, 6476), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (191, 6602), (192, 6605), (200, 6623),

Gene: ChipsNGuac_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for ChipsNGuac_11:

(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: Chuckly_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Chuckly_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Clank_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Clank_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Clifton_8 Start: 6431, Stop: 6760, Start Num: 67

Candidate Starts for Clifton_8:

(7, 6161), (31, 6338), (Start: 67 @6431 has 242 MA's), (77, 6455), (90, 6494), (99, 6527), (104, 6539), (110, 6560), (113, 6566), (114, 6569), (121, 6587), (138, 6620), (149, 6638), (151, 6644), (156, 6656), (165, 6674), (173, 6683), (185, 6707), (191, 6734), (192, 6737), (200, 6755),

Gene: Coco12_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Coco12_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: CocoCinnamon_12 Start: 8205, Stop: 8576, Start Num: 64

Candidate Starts for CocoCinnamon_12:

(Start: 64 @8205 has 15 MA's), (Start: 71 @8214 has 55 MA's), (128, 8388), (158, 8448), (173, 8493), (196, 8556), (200, 8565),

Gene: Confidence_10 Start: 7478, Stop: 7825, Start Num: 69

Candidate Starts for Confidence_10:

(Start: 69 @7478 has 39 MA's), (104, 7586), (169, 7733), (196, 7805),

Gene: Corium_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for Corium_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: Cornucopia_9 Start: 6296, Stop: 6628, Start Num: 67

Candidate Starts for Cornucopia_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (87, 6338), (96, 6377), (101, 6398), (113, 6431), (119, 6449), (130, 6473), (138, 6485), (142, 6491), (149, 6503), (151, 6509), (165, 6539), (185, 6572),

Gene: Cota_8 Start: 6106, Stop: 6453, Start Num: 71

Candidate Starts for Cota_8:

(33, 6010), (41, 6043), (Start: 71 @6106 has 55 MA's), (83, 6136), (85, 6139), (102, 6211), (108, 6223), (135, 6295), (148, 6316), (167, 6358), (182, 6382), (184, 6385), (188, 6400), (198, 6433),

Gene: Crater_10 Start: 6791, Stop: 7132, Start Num: 69

Candidate Starts for Crater_10:

(37, 6716), (53, 6758), (Start: 69 @6791 has 39 MA's), (77, 6812), (89, 6842), (133, 6956), (135, 6959), (139, 6965), (146, 6977), (173, 7043), (196, 7112), (199, 7118), (200, 7121),

Gene: Crumble_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Crumble_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: DLane_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for DLane_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (138, 6636), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: DRBy19_8 Start: 6459, Stop: 6788, Start Num: 67

Candidate Starts for DRBy19_8:

(7, 6189), (31, 6366), (Start: 67 @6459 has 242 MA's), (77, 6483), (90, 6522), (99, 6555), (104, 6567), (110, 6588), (113, 6594), (114, 6597), (121, 6615), (138, 6648), (149, 6666), (151, 6672), (156, 6684), (165, 6702), (173, 6711), (185, 6735), (191, 6762), (192, 6765), (200, 6783),

Gene: DS6A_13 Start: 9721, Stop: 10056, Start Num: 71

Candidate Starts for DS6A_13:

(Start: 71 @9721 has 55 MA's), (87, 9760), (90, 9781), (96, 9799), (104, 9826), (126, 9886), (138, 9907), (174, 9976), (191, 10024), (192, 10027), (200, 10045),

Gene: DaWorst_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for DaWorst_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: DaddyRickover_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for DaddyRickover_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Daenerys_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Daenerys_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Dante_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Dante_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: DeadP_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for DeadP_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Deb65_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Deb65_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Demsculpinboyz_10 Start: 6438, Stop: 6791, Start Num: 69

Candidate Starts for Demsculpinboyz_10:

(46, 6387), (48, 6393), (Start: 69 @6438 has 39 MA's), (80, 6468), (96, 6519), (135, 6624), (146, 6642), (160, 6675), (193, 6765),

Gene: DillTech15_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for DillTech15_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: DirtMcgirt_9 Start: 6298, Stop: 6627, Start Num: 67

Candidate Starts for DirtMcgirt_9:

(Start: 67 @6298 has 242 MA's), (77, 6322), (90, 6361), (98, 6391), (99, 6394), (104, 6406), (110, 6427), (113, 6433), (114, 6436), (121, 6454), (138, 6487), (149, 6505), (151, 6511), (165, 6541), (173, 6550), (185, 6574), (191, 6601), (192, 6604), (200, 6622),

Gene: DoRead_8 Start: 6434, Stop: 6766, Start Num: 67

Candidate Starts for DoRead_8:

(Start: 67 @6434 has 242 MA's), (77, 6458), (87, 6476), (96, 6515), (101, 6536), (108, 6551), (113, 6569), (119, 6587), (130, 6611), (138, 6623), (142, 6629), (149, 6641), (151, 6647), (165, 6677), (185, 6710),

Gene: DocMcStuffins_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for DocMcStuffins_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (104, 6407), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (130, 6476), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (191, 6602), (192, 6605), (200, 6623),

Gene: Donkeykong_8 Start: 6462, Stop: 6791, Start Num: 67

Candidate Starts for Donkeykong_8:

(7, 6192), (31, 6369), (Start: 67 @6462 has 242 MA's), (77, 6486), (90, 6525), (99, 6558), (110, 6591), (113, 6597), (114, 6600), (121, 6618), (138, 6651), (149, 6669), (151, 6675), (156, 6687), (165, 6705), (173, 6714), (185, 6738), (191, 6765), (192, 6768), (200, 6786),

Gene: Doomphist_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Doomphist_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Doomslug_10 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Doomslug_10:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Dorothy_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Dorothy_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: DosHalletts_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for DosHalletts_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: DotProduct_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for DotProduct_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (138, 6636), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: Doug_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Doug_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: DrParker_8 Start: 6113, Stop: 6460, Start Num: 71

Candidate Starts for DrParker_8:

(19, 5957), (23, 5963), (24, 5966), (25, 5969), (29, 6008), (33, 6017), (35, 6029), (41, 6050), (Start: 71 @6113 has 55 MA's), (83, 6143), (85, 6146), (92, 6176), (94, 6188), (102, 6218), (108, 6230), (135, 6302), (148, 6323), (167, 6365), (184, 6392), (188, 6407), (198, 6440),

Gene: Drago_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Drago_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: E1_9 Start: 6977, Stop: 7360, Start Num: 58

Candidate Starts for E1_9:

(6, 6722), (10, 6767), (52, 6962), (Start: 58 @6977 has 3 MA's), (78, 7019), (97, 7088), (109, 7124), (117, 7148), (133, 7187), (155, 7229), (170, 7274), (183, 7298), (192, 7331), (193, 7334), (200, 7349),

Gene: EMSquaredA_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for EMSquaredA_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: Ecliptus_10 Start: 6513, Stop: 6860, Start Num: 66

Candidate Starts for Ecliptus_10:

(5, 6228), (8, 6261), (44, 6462), (Start: 66 @6513 has 2 MA's), (109, 6624), (146, 6705), (155, 6726), (161, 6744), (173, 6771), (199, 6843), (200, 6846),

Gene: Eish_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Eish_8:

(Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: EleanorGeorge_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for EleanorGeorge_8:

(47, 6401), (Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Elfy_8 Start: 6109, Stop: 6465, Start Num: 69

Candidate Starts for Elfy_8:

(Start: 69 @6109 has 39 MA's), (87, 6151), (89, 6163), (94, 6184), (99, 6205), (113, 6244), (116, 6250), (123, 6274), (132, 6292), (133, 6295), (152, 6328), (174, 6382), (200, 6454),

Gene: EmiMonkey_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for EmiMonkey_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Emma_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Emma_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Emmaloid_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Emmaloid_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: Empress_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Empress_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: EnalisNailo_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for EnalisNailo_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: Enby_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Enby_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Enochoraptor_8 Start: 6109, Stop: 6456, Start Num: 71

Candidate Starts for Enochoraptor_8:

(19, 5953), (23, 5959), (24, 5962), (25, 5965), (29, 6004), (30, 6007), (33, 6013), (41, 6046), (56, 6082), (57, 6085), (Start: 71 @6109 has 55 MA's), (81, 6136), (83, 6139), (85, 6142), (94, 6184), (108, 6226), (135, 6298), (148, 6319), (167, 6361), (182, 6385), (184, 6388), (188, 6403), (198, 6436),

Gene: Enoki_8 Start: 6094, Stop: 6441, Start Num: 71

Candidate Starts for Enoki_8:

(19, 5938), (25, 5950), (33, 5998), (41, 6031), (Start: 71 @6094 has 55 MA's), (83, 6124), (85, 6127), (94, 6169), (102, 6199), (108, 6211), (135, 6283), (167, 6346), (182, 6370), (184, 6373), (188, 6388), (198, 6421),

Gene: Enzomatic_9 Start: 6420, Stop: 6752, Start Num: 67

Candidate Starts for Enzomatic_9:

(Start: 67 @6420 has 242 MA's), (77, 6444), (87, 6462), (96, 6501), (101, 6522), (113, 6555), (119, 6573), (130, 6597), (138, 6609), (142, 6615), (149, 6627), (151, 6633), (165, 6663), (185, 6696),

Gene: Eradicator_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Eradicator_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Estave1_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Estave1_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: EvenBluerMoon_10 Start: 8140, Stop: 8472, Start Num: 64

Candidate Starts for EvenBluerMoon_10:

(Start: 64 @8140 has 15 MA's), (Start: 71 @8149 has 55 MA's),

Gene: Ezurina_10 Start: 6694, Stop: 7029, Start Num: 69

Candidate Starts for Ezurina_10:

(Start: 69 @6694 has 39 MA's), (173, 6946),

Gene: FF47_12 Start: 8188, Stop: 8562, Start Num: 59

Candidate Starts for FF47_12:

(Start: 59 @8188 has 3 MA's), (77, 8227), (99, 8299), (131, 8374), (143, 8392), (144, 8395), (192, 8527), (197, 8539),

Gene: Fancypants_8 Start: 6447, Stop: 6776, Start Num: 67

Candidate Starts for Fancypants_8:

(7, 6177), (31, 6354), (Start: 67 @6447 has 242 MA's), (77, 6471), (90, 6510), (99, 6543), (104, 6555), (110, 6576), (113, 6582), (114, 6585), (121, 6603), (138, 6636), (149, 6654), (151, 6660), (165, 6690), (173, 6699), (185, 6723), (191, 6750), (192, 6753), (200, 6771),

Gene: Fastidio_8 Start: 6446, Stop: 6775, Start Num: 67

Candidate Starts for Fastidio_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (90, 6509), (99, 6542), (104, 6554), (110, 6575), (113, 6581), (114, 6584), (121, 6602), (138, 6635), (149, 6653), (151, 6659), (156, 6671), (165, 6689), (173, 6698), (185, 6722), (190, 6740), (191, 6749), (192, 6752), (200, 6770),

Gene: Filuzino_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for Filuzino_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: Firehouse51_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Firehouse51_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Flathead_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Flathead_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Floral_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for Floral_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: Florinda_8 Start: 6463, Stop: 6792, Start Num: 67

Candidate Starts for Florinda_8:

(7, 6193), (31, 6370), (Start: 67 @6463 has 242 MA's), (77, 6487), (90, 6526), (99, 6559), (110, 6592), (113, 6598), (114, 6601), (121, 6619), (138, 6652), (149, 6670), (151, 6676), (156, 6688), (165, 6706), (173, 6715), (185, 6739), (191, 6766), (192, 6769), (200, 6787),

Gene: Frankie_9 Start: 6489, Stop: 6818, Start Num: 67

Candidate Starts for Frankie_9:

(Start: 67 @6489 has 242 MA's), (77, 6513), (90, 6552), (99, 6585), (104, 6597), (110, 6618), (113, 6624), (114, 6627), (121, 6645), (138, 6678), (149, 6696), (151, 6702), (156, 6714), (165, 6732), (173, 6741), (185, 6765), (191, 6792), (192, 6795), (200, 6813),

Gene: FreddyB_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for FreddyB_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Frickyeah_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Frickyeah_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135, 6657), (154, 6690), (163, 6717), (171, 6735), (190, 6786), (193, 6801), (196, 6807), (200, 6816),

Gene: Fruitloop_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for Fruitloop_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: GMA4_10 Start: 7847, Stop: 8170, Start Num: 90

Candidate Starts for GMA4_10:

(21, 7628), (90, 7847), (140, 7997), (149, 8012), (178, 8099),

Gene: GUmbie_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for GUmbie_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (130, 6637), (138, 6649), (149, 6667), (151, 6673), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Gaia_7 Start: 7028, Stop: 7366, Start Num: 67

Candidate Starts for Gaia_7:

(Start: 67 @7028 has 242 MA's), (76, 7049), (77, 7052), (101, 7130), (104, 7136), (112, 7157), (113, 7160), (118, 7169), (136, 7211), (157, 7256), (173, 7283), (174, 7286), (192, 7337), (200, 7355),

Gene: Galactic_8 Start: 6420, Stop: 6752, Start Num: 67

Candidate Starts for Galactic_8:

(Start: 67 @6420 has 242 MA's), (77, 6444), (87, 6462), (96, 6501), (101, 6522), (113, 6555), (119, 6573), (130, 6597), (138, 6609), (142, 6615), (149, 6627), (151, 6633), (165, 6663), (185, 6696),

Gene: Gandalph_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Gandalph_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Geralt_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Geralt_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Gerri43_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for Gerri43_11:

(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: Getalong_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Getalong_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135, 6657), (154, 6690), (171, 6735), (190, 6786), (193, 6801), (200, 6816),

Gene: GigiOuiOui_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for GigiOuiOui_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Girafales_9 Start: 6291, Stop: 6620, Start Num: 67

Candidate Starts for Girafales_9:

(Start: 67 @6291 has 242 MA's), (77, 6315), (90, 6354), (99, 6387), (104, 6399), (110, 6420), (113, 6426), (114, 6429), (121, 6447), (138, 6480), (149, 6498), (151, 6504), (156, 6516), (165, 6534), (173, 6543), (185, 6567), (191, 6594), (192, 6597), (200, 6615),

Gene: Girr_8 Start: 6449, Stop: 6778, Start Num: 67

Candidate Starts for Girr_8:

(Start: 67 @6449 has 242 MA's), (77, 6473), (90, 6512), (99, 6545), (104, 6557), (110, 6578), (113, 6584), (114, 6587), (121, 6605), (138, 6638), (149, 6656), (151, 6662), (165, 6692), (173, 6701), (185, 6725), (191, 6752), (192, 6755), (200, 6773),

Gene: Gorge_8 Start: 6432, Stop: 6761, Start Num: 67

Candidate Starts for Gorge_8:

(7, 6162), (31, 6339), (Start: 67 @6432 has 242 MA's), (77, 6456), (90, 6495), (99, 6528), (104, 6540), (110, 6561), (113, 6567), (114, 6570), (121, 6588), (138, 6621), (149, 6639), (151, 6645), (156, 6657), (165, 6675), (173, 6684), (185, 6708), (191, 6735), (192, 6738), (200, 6756),

Gene: GrimEater_9 Start: 6187, Stop: 6525, Start Num: 68

Candidate Starts for GrimEater_9:

(Start: 68 @6187 has 4 MA's), (95, 6265), (123, 6334), (132, 6352), (152, 6388),

Gene: Grimmer_9 Start: 7098, Stop: 7427, Start Num: 67

Candidate Starts for Grimmer_9:

(7, 6828), (31, 7005), (Start: 67 @7098 has 242 MA's), (77, 7122), (90, 7161), (99, 7194), (104, 7206), (113, 7233), (114, 7236), (121, 7254), (138, 7287), (149, 7305), (151, 7311), (165, 7341), (173, 7350), (185, 7374), (191, 7401), (192, 7404), (200, 7422),

Gene: Guppsters_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Guppsters_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Hades_8 Start: 6446, Stop: 6775, Start Num: 67

Candidate Starts for Hades_8:

(7, 6176), (31, 6353), (Start: 67 @6446 has 242 MA's), (77, 6470), (90, 6509), (99, 6542), (110, 6575), (113, 6581), (114, 6584), (121, 6602), (138, 6635), (149, 6653), (151, 6659), (165, 6689), (173, 6698), (185, 6722), (191, 6749), (192, 6752), (200, 6770),

Gene: Hamulus_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for Hamulus_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (138, 6636), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: Harley_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Harley_8:

(31, 6340), (Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (156, 6658), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: Hegedechwinu_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Hegedechwinu_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Hereford_11 Start: 8285, Stop: 8617, Start Num: 64

Candidate Starts for Hereford_11:

(1, 7853), (Start: 64 @8285 has 15 MA's), (Start: 71 @8294 has 55 MA's),

Gene: Hlubikazi_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Hlubikazi_8:

(7, 6163), (31, 6340), (Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: Holliday_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for Holliday_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (200, 6821),

Gene: Horus_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Horus_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135, 6657), (154, 6690), (163, 6717), (171, 6735), (190, 6786), (193, 6801), (196, 6807), (200, 6816),

Gene: IMpilo_8 Start: 6434, Stop: 6766, Start Num: 67

Candidate Starts for IMpilo_8:

(Start: 67 @6434 has 242 MA's), (77, 6458), (87, 6476), (96, 6515), (101, 6536), (108, 6551), (113, 6569), (119, 6587), (130, 6611), (138, 6623), (142, 6629), (149, 6641), (151, 6647), (165, 6677), (185, 6710),

Gene: IbOuu_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for IbOuu_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (156, 6667), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Ibantik_73 Start: 34657, Stop: 34986, Start Num: 70

Candidate Starts for Ibantik_73:

(Start: 70 @34657 has 1 MA's), (98, 34744), (121, 34795), (153, 34858), (173, 34906),

Gene: Ibhubesi_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Ibhubesi_8:

(31, 6340), (Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (156, 6658), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: InLimbo_10 Start: 5950, Stop: 6303, Start Num: 60

Candidate Starts for InLimbo_10:

(20, 5809), (48, 5917), (60, 5950), (Start: 69 @5962 has 39 MA's), (99, 6055), (135, 6130), (143, 6142), (155, 6169), (161, 6187), (199, 6289), (200, 6292),

Gene: Inventum_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Inventum_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: IrishSherpFalk_8 Start: 6434, Stop: 6766, Start Num: 67

Candidate Starts for IrishSherpFalk_8:

(Start: 67 @6434 has 242 MA's), (76, 6455), (77, 6458), (90, 6497), (101, 6536), (113, 6569), (114, 6572), (127, 6605), (130, 6611), (149, 6641), (151, 6647), (165, 6677), (185, 6710), (191, 6737), (196, 6749), (200, 6758),

Gene: Jabbawokkie_11 Start: 6961, Stop: 7314, Start Num: 69

Candidate Starts for Jabbawokkie_11:

(46, 6910), (48, 6916), (Start: 69 @6961 has 39 MA's), (80, 6991), (96, 7042), (135, 7147), (146, 7165), (160, 7198), (193, 7288),

Gene: Jablanski_10 Start: 7331, Stop: 7678, Start Num: 69

Candidate Starts for Jablanski_10:

(Start: 69 @7331 has 39 MA's), (104, 7439), (124, 7484), (169, 7586), (196, 7658),

Gene: JacoRen57_9 Start: 7271, Stop: 7642, Start Num: 59

Candidate Starts for JacoRen57_9:

(26, 7157), (45, 7232), (Start: 59 @7271 has 3 MA's), (144, 7481), (146, 7484), (169, 7541), (200, 7625), (202, 7634),

Gene: JalFarm20_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for JalFarm20_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (130, 6473), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: James_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for James_8:

(7, 6165), (31, 6342), (Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (138, 6624), (149, 6642), (151, 6648), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: JanetJ_10 Start: 7922, Stop: 8254, Start Num: 64

Candidate Starts for JanetJ_10:

(Start: 64 @7922 has 15 MA's), (Start: 71 @7931 has 55 MA's),

Gene: Jankie_9 Start: 6186, Stop: 6524, Start Num: 68

Candidate Starts for Jankie_9:

(Start: 68 @6186 has 4 MA's), (95, 6264), (123, 6333), (132, 6351), (152, 6387),

Gene: Jant_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Jant_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Jacob_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Jacob_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (190, 6738), (191, 6747), (192, 6750), (200, 6768),

Gene: JeanClaude_9 Start: 6908, Stop: 7240, Start Num: 64

Candidate Starts for JeanClaude_9:

(Start: 64 @6908 has 15 MA's), (Start: 71 @6917 has 55 MA's), (94, 6986), (152, 7130), (173, 7157), (200, 7229),

Gene: Jennelsea_8 Start: 6431, Stop: 6760, Start Num: 67

Candidate Starts for Jennelsea_8:

(7, 6161), (31, 6338), (Start: 67 @6431 has 242 MA's), (77, 6455), (90, 6494), (99, 6527), (104, 6539), (110, 6560), (113, 6566), (114, 6569), (121, 6587), (138, 6620), (149, 6638), (151, 6644), (156, 6656), (165, 6674), (173, 6683), (185, 6707), (191, 6734), (192, 6737), (200, 6755),

Gene: Jinglebell_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for Jinglebell_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Job42_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Job42_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (175, 6554), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: JoeyJr_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for JoeyJr_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Juice456_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Juice456_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: Juniper1_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for Juniper1_8:

(Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (130, 6612), (138, 6624), (149, 6642), (151, 6648), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: Kamaru_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for Kamaru_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (200, 6821),

Gene: Karhdo_8 Start: 6447, Stop: 6776, Start Num: 67

Candidate Starts for Karhdo_8:

(7, 6177), (31, 6354), (Start: 67 @6447 has 242 MA's), (77, 6471), (90, 6510), (99, 6543), (104, 6555), (110, 6576), (113, 6582), (114, 6585), (121, 6603), (130, 6624), (138, 6636), (149, 6654), (151, 6660), (165, 6690), (173, 6699), (185, 6723), (191, 6750), (192, 6753), (200, 6771),

Gene: Keiki_8 Start: 6106, Stop: 6453, Start Num: 71

Candidate Starts for Keiki_8:

(33, 6010), (41, 6043), (Start: 71 @6106 has 55 MA's), (83, 6136), (85, 6139), (102, 6211), (108, 6223), (135, 6295), (148, 6316), (167, 6358), (182, 6382), (184, 6385), (188, 6400), (198, 6433),

Gene: Kenna_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Kenna_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (133, 6654), (135, 6657), (154, 6690), (171, 6735), (193, 6801), (200, 6816),

Gene: Kenuha5_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Kenuha5_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Kersh_8 Start: 6436, Stop: 6765, Start Num: 67

Candidate Starts for Kersh_8:

(7, 6166), (31, 6343), (Start: 67 @6436 has 242 MA's), (77, 6460), (90, 6499), (99, 6532), (104, 6544), (110, 6565), (113, 6571), (114, 6574), (121, 6592), (130, 6613), (138, 6625), (149, 6643), (151, 6649), (156, 6661), (165, 6679), (173, 6688), (185, 6712), (191, 6739), (192, 6742), (200, 6760),

Gene: Khuang_8 Start: 6379, Stop: 6729, Start Num: 74

Candidate Starts for Khuang_8:

(9, 6124), (Start: 71 @6367 has 55 MA's), (Start: 74 @6379 has 2 MA's), (88, 6406), (91, 6427), (112, 6502), (141, 6568), (153, 6592), (170, 6643), (176, 6658), (179, 6661), (201, 6721),

Gene: Kimberlium_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Kimberlium_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: KingJulian_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for KingJulian_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: KingMidas_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for KingMidas_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Kingsley_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Kingsley_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Koella_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Koella_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Krakatau_9 Start: 7098, Stop: 7430, Start Num: 67

Candidate Starts for Krakatau_9:

(Start: 67 @7098 has 242 MA's), (77, 7122), (87, 7140), (96, 7179), (101, 7200), (108, 7215), (113, 7233), (119, 7251), (130, 7275), (142, 7293), (149, 7305), (151, 7311), (165, 7341), (185, 7374),

Gene: KristaRAM_9 Start: 7094, Stop: 7426, Start Num: 67

Candidate Starts for KristaRAM_9:

(Start: 67 @7094 has 242 MA's), (77, 7118), (87, 7136), (96, 7175), (101, 7196), (108, 7211), (113, 7229), (119, 7247), (130, 7271), (138, 7283), (142, 7289), (149, 7301), (151, 7307), (165, 7337), (185, 7370),

Gene: Kubed_8 Start: 6096, Stop: 6443, Start Num: 71

Candidate Starts for Kubed_8:

(32, 5997), (41, 6033), (Start: 71 @6096 has 55 MA's), (83, 6126), (85, 6129), (94, 6171), (102, 6201), (108, 6213), (135, 6285), (167, 6348), (182, 6372), (184, 6375), (188, 6390), (198, 6423),

Gene: Kumotta_10 Start: 7839, Stop: 8171, Start Num: 64

Candidate Starts for Kumotta_10:

(Start: 64 @7839 has 15 MA's), (Start: 71 @7848 has 55 MA's), (Start: 74 @7860 has 2 MA's), (75, 7863), (123, 8004), (128, 8019), (153, 8064), (173, 8088), (196, 8151), (200, 8160),

Gene: Kuwabara_10 Start: 6791, Stop: 7132, Start Num: 69

Candidate Starts for Kuwabara_10:

(37, 6716), (53, 6758), (Start: 69 @6791 has 39 MA's), (77, 6812), (89, 6842), (133, 6956), (135, 6959), (139, 6965), (155, 6998), (173, 7043), (192, 7103), (196, 7112), (199, 7118), (200, 7121),

Gene: LastJedi_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for LastJedi_8:

(7, 6165), (31, 6342), (Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (138, 6624), (149, 6642), (151, 6648), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: LastNadiia_14 Start: 9421, Stop: 9753, Start Num: 71

Candidate Starts for LastNadiia_14:

(Start: 71 @9421 has 55 MA's),

Gene: Latretium_8 Start: 6432, Stop: 6761, Start Num: 67

Candidate Starts for Latretium_8:

(Start: 67 @6432 has 242 MA's), (77, 6456), (90, 6495), (99, 6528), (104, 6540), (110, 6561), (113, 6567), (114, 6570), (121, 6588), (138, 6621), (149, 6639), (151, 6645), (165, 6675), (173, 6684), (185, 6708), (191, 6735), (192, 6738), (200, 6756),

Gene: Lauchelly_8 Start: 6091, Stop: 6438, Start Num: 71

Candidate Starts for Lauchelly_8:

(19, 5935), (25, 5947), (33, 5995), (41, 6028), (57, 6067), (Start: 71 @6091 has 55 MA's), (83, 6121), (85, 6124), (102, 6196), (108, 6208), (167, 6343), (182, 6367), (184, 6370), (188, 6385), (198, 6418),

Gene: Leozinho_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Leozinho_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Leperchaun_8 Start: 6432, Stop: 6761, Start Num: 67

Candidate Starts for Leperchaun_8:

(7, 6162), (31, 6339), (Start: 67 @6432 has 242 MA's), (77, 6456), (90, 6495), (99, 6528), (104, 6540), (110, 6561), (113, 6567), (114, 6570), (121, 6588), (138, 6621), (149, 6639), (151, 6645), (156, 6657), (165, 6675), (173, 6684), (185, 6708), (191, 6735), (192, 6738), (200, 6756),

Gene: Leroy_10 Start: 6481, Stop: 6828, Start Num: 63

Candidate Starts for Leroy_10:

(49, 6445), (Start: 63 @6481 has 20 MA's), (82, 6520), (94, 6562), (124, 6634), (133, 6655), (135, 6658), (154, 6691), (163, 6718), (171, 6736), (190, 6787), (193, 6802), (196, 6808), (200, 6817),

Gene: Leviosa_8 Start: 6112, Stop: 6459, Start Num: 71

Candidate Starts for Leviosa_8:

(19, 5956), (25, 5968), (33, 6016), (41, 6049), (57, 6088), (Start: 71 @6112 has 55 MA's), (83, 6142), (85, 6145), (92, 6175), (94, 6187), (102, 6217), (108, 6229), (109, 6235), (135, 6301), (148, 6322),

(167, 6364), (182, 6388), (184, 6391), (188, 6406), (198, 6439),

Gene: LilBandit_8 Start: 6096, Stop: 6443, Start Num: 71

Candidate Starts for LilBandit_8:

(41, 6033), (Start: 71 @6096 has 55 MA's), (83, 6126), (85, 6129), (94, 6171), (102, 6201), (108, 6213), (135, 6285), (148, 6306), (167, 6348), (184, 6375), (188, 6390), (198, 6423),

Gene: LilMoolah_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for LilMoolah_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: LilSpotty_9 Start: 6468, Stop: 6830, Start Num: 67

Candidate Starts for LilSpotty_9:

(Start: 67 @6468 has 242 MA's), (84, 6504), (94, 6543), (101, 6570), (104, 6576), (111, 6597), (113, 6600), (134, 6648), (147, 6669), (149, 6672), (151, 6678), (159, 6702), (174, 6750), (193, 6804), (200, 6819),

Gene: Lilas_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for Lilas_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: LisoBros_9 Start: 6471, Stop: 6812, Start Num: 69

Candidate Starts for LisoBros_9:

(Start: 69 @6471 has 39 MA's), (87, 6513), (94, 6546), (101, 6573), (132, 6636), (135, 6642), (152, 6672), (180, 6738), (193, 6786), (200, 6801),

Gene: LitninMcQueen_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for LitninMcQueen_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (200, 6821),

Gene: LittleShirley_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for LittleShirley_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: Lizziana_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Lizziana_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (190, 6739), (191, 6748), (192, 6751), (200, 6769),

Gene: Llama_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for Llama_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Llij_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Llij_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: LonelyBoi_10 Start: 7331, Stop: 7678, Start Num: 69

Candidate Starts for LonelyBoi_10:

(Start: 69 @7331 has 39 MA's), (104, 7439), (169, 7586), (196, 7658),

Gene: LongHai_13 Start: 8524, Stop: 8898, Start Num: 59

Candidate Starts for LongHai_13:

(Start: 59 @8524 has 3 MA's), (77, 8563), (99, 8635), (144, 8731), (192, 8863), (197, 8875),

Gene: LordVader_10 Start: 6291, Stop: 6620, Start Num: 67

Candidate Starts for LordVader_10:

(Start: 67 @6291 has 242 MA's), (77, 6315), (90, 6354), (99, 6387), (110, 6420), (114, 6429), (121, 6447), (138, 6480), (149, 6498), (151, 6504), (156, 6516), (165, 6534), (173, 6543), (185, 6567), (191, 6594), (192, 6597), (200, 6615),

Gene: Lorde_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Lorde_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Lucia_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Lucia_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Lucky10_9 Start: 6000, Stop: 6341, Start Num: 69

Candidate Starts for Lucky10_9:

(60, 5988), (Start: 69 @6000 has 39 MA's), (99, 6093), (117, 6126), (135, 6168), (143, 6180), (155, 6207), (161, 6225), (162, 6228), (199, 6327), (200, 6330),

Gene: LunaBlu_8 Start: 6420, Stop: 6752, Start Num: 67

Candidate Starts for LunaBlu_8:

(Start: 67 @6420 has 242 MA's), (77, 6444), (87, 6462), (96, 6501), (101, 6522), (113, 6555), (119, 6573), (130, 6597), (138, 6609), (142, 6615), (149, 6627), (151, 6633), (165, 6663), (185, 6696),

Gene: LunaStella_9 Start: 6903, Stop: 7235, Start Num: 67

Candidate Starts for LunaStella_9:

(Start: 67 @6903 has 242 MA's), (77, 6927), (96, 6987), (101, 7008), (104, 7014), (125, 7074), (130, 7083), (134, 7089), (140, 7095), (173, 7155), (174, 7158), (196, 7218), (200, 7227),

Gene: Lutum_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Lutum_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (133, 6654), (135, 6657), (154, 6690), (171, 6735), (193, 6801), (200, 6816),

Gene: MEAK_8 Start: 6098, Stop: 6445, Start Num: 71

Candidate Starts for MEAK_8:

(41, 6035), (57, 6074), (Start: 71 @6098 has 55 MA's), (83, 6128), (85, 6131), (102, 6203), (108, 6215), (135, 6287), (148, 6308), (167, 6350), (184, 6377), (188, 6392), (198, 6425),

Gene: Maco6_10 Start: 7480, Stop: 7854, Start Num: 59

Candidate Starts for Maco6_10:

(Start: 59 @7480 has 3 MA's), (99, 7591), (144, 7687), (197, 7831),

Gene: MadMen_8 Start: 6459, Stop: 6788, Start Num: 67

Candidate Starts for MadMen_8:

(7, 6189), (31, 6366), (Start: 67 @6459 has 242 MA's), (77, 6483), (90, 6522), (99, 6555), (104, 6567), (110, 6588), (113, 6594), (114, 6597), (121, 6615), (138, 6648), (149, 6666), (151, 6672), (156, 6684), (165, 6702), (173, 6711), (185, 6735), (191, 6762), (192, 6765), (200, 6783),

Gene: Madiba_9 Start: 6294, Stop: 6623, Start Num: 67

Candidate Starts for Madiba_9:

(Start: 67 @6294 has 242 MA's), (77, 6318), (90, 6357), (99, 6390), (104, 6402), (110, 6423), (113, 6429), (114, 6432), (121, 6450), (138, 6483), (149, 6501), (151, 6507), (156, 6519), (165, 6537), (173, 6546), (185, 6570), (191, 6597), (192, 6600), (200, 6618),

Gene: Mahavrat_8 Start: 6432, Stop: 6761, Start Num: 67

Candidate Starts for Mahavrat_8:

(7, 6162), (31, 6339), (Start: 67 @6432 has 242 MA's), (77, 6456), (90, 6495), (99, 6528), (104, 6540), (110, 6561), (113, 6567), (114, 6570), (121, 6588), (138, 6621), (149, 6639), (151, 6645), (156, 6657), (165, 6675), (173, 6684), (185, 6708), (191, 6735), (192, 6738), (200, 6756),

Gene: Maja_9 Start: 7424, Stop: 7792, Start Num: 64

Candidate Starts for Maja_9:

(Start: 64 @7424 has 15 MA's), (Start: 71 @7433 has 55 MA's), (128, 7607), (129, 7610), (152, 7649), (153, 7652), (166, 7685), (173, 7709), (196, 7772), (200, 7781),

Gene: Makima_12 Start: 8520, Stop: 8837, Start Num: 71

Candidate Starts for Makima_12:

(Start: 71 @8520 has 55 MA's), (173, 8769),

Gene: MalagasyRose_16 Start: 9681, Stop: 10070, Start Num: 51

Candidate Starts for MalagasyRose_16:

(Start: 51 @9681 has 2 MA's), (93, 9786), (103, 9816), (120, 9864), (122, 9870), (141, 9906), (150, 9924), (159, 9948), (172, 9984), (177, 9996), (194, 10047),

Gene: Malisha_10 Start: 7530, Stop: 7877, Start Num: 63

Candidate Starts for Malisha_10:

(13, 7341), (24, 7398), (25, 7401), (41, 7479), (49, 7494), (50, 7497), (Start: 63 @7530 has 20 MA's), (82, 7569), (94, 7611), (109, 7644), (133, 7704), (135, 7707), (154, 7740), (171, 7785), (200, 7866),

Gene: Mandlovu_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Mandlovu_8:

(7, 6163), (31, 6340), (Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: Mantra_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Mantra_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Maravista_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Maravista_8:

(7, 6163), (31, 6340), (Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (156, 6658), (165, 6676), (173, 6685), (185, 6709), (190, 6727), (191, 6736), (192, 6739), (200, 6757),

Gene: MargaretKali_10 Start: 7474, Stop: 7806, Start Num: 64

Candidate Starts for MargaretKali_10:

(Start: 64 @7474 has 15 MA's), (Start: 71 @7483 has 55 MA's), (Start: 74 @7495 has 2 MA's), (123, 7639), (128, 7654), (143, 7678), (153, 7699), (196, 7786), (200, 7795),

Gene: Marker_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Marker_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Marteena_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for Marteena_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: Martik_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Martik_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (190, 6739), (191, 6748), (192, 6751), (200, 6769),

Gene: Mattes_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for Mattes_8:

(7, 6165), (31, 6342), (Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (138, 6624), (149, 6642), (151, 6648), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: Medindi_8 Start: 6435, Stop: 6767, Start Num: 67

Candidate Starts for Medindi_8:

(Start: 67 @6435 has 242 MA's), (77, 6459), (87, 6477), (96, 6516), (101, 6537), (108, 6552), (113, 6570), (119, 6588), (130, 6612), (142, 6630), (149, 6642), (151, 6648), (165, 6678), (185, 6711),

Gene: Melissauren88_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Melissauren88_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: MilanaBonita_9 Start: 7094, Stop: 7426, Start Num: 67

Candidate Starts for MilanaBonita_9:

(Start: 67 @7094 has 242 MA's), (77, 7118), (87, 7136), (96, 7175), (101, 7196), (108, 7211), (113, 7229), (119, 7247), (130, 7271), (138, 7283), (142, 7289), (149, 7301), (151, 7307), (165, 7337), (185, 7370),

Gene: MilleniumForce_9 Start: 7094, Stop: 7426, Start Num: 67

Candidate Starts for MilleniumForce_9:

(Start: 67 @7094 has 242 MA's), (77, 7118), (87, 7136), (96, 7175), (101, 7196), (108, 7211), (113, 7229), (119, 7247), (130, 7271), (138, 7283), (142, 7289), (149, 7301), (151, 7307), (165, 7337), (185, 7370),

Gene: MinionDave_9 Start: 7094, Stop: 7426, Start Num: 67

Candidate Starts for MinionDave_9:

(Start: 67 @7094 has 242 MA's), (77, 7118), (87, 7136), (96, 7175), (101, 7196), (108, 7211), (113, 7229), (119, 7247), (130, 7271), (142, 7289), (149, 7301), (151, 7307), (165, 7337), (185, 7370),

Gene: Minnie_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Minnie_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Mireles_11 Start: 6916, Stop: 7233, Start Num: 71

Candidate Starts for Mireles_11:

(60, 6901), (Start: 71 @6916 has 55 MA's), (173, 7165),

Gene: Misha28_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for Misha28_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (104, 6407), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (130, 6476), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (191, 6602), (192, 6605), (200, 6623),

Gene: MisterCuddles_8 Start: 6449, Stop: 6778, Start Num: 67

Candidate Starts for MisterCuddles_8:

(Start: 67 @6449 has 242 MA's), (77, 6473), (90, 6512), (99, 6545), (104, 6557), (110, 6578), (113, 6584), (114, 6587), (121, 6605), (138, 6638), (149, 6656), (151, 6662), (165, 6692), (173, 6701), (185, 6725), (191, 6752), (192, 6755), (200, 6773),

Gene: Modragons_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for Modragons_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Moonbeam_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Moonbeam_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: Morkie_9 Start: 5962, Stop: 6303, Start Num: 69

Candidate Starts for Morkie_9:

(20, 5809), (48, 5917), (60, 5950), (Start: 69 @5962 has 39 MA's), (99, 6055), (135, 6130), (143, 6142), (155, 6169), (161, 6187), (199, 6289), (200, 6292),

Gene: Morrey_15 Start: 8142, Stop: 8474, Start Num: 64

Candidate Starts for Morrey_15:

(Start: 64 @8142 has 15 MA's), (Start: 71 @8151 has 55 MA's),

Gene: MortyNRick_10 Start: 6791, Stop: 7132, Start Num: 69

Candidate Starts for MortyNRick_10:

(37, 6716), (53, 6758), (Start: 69 @6791 has 39 MA's), (77, 6812), (89, 6842), (133, 6956), (135, 6959), (139, 6965), (146, 6977), (173, 7043), (196, 7112), (199, 7118), (200, 7121),

Gene: Mova_9 Start: 6298, Stop: 6627, Start Num: 67

Candidate Starts for Mova_9:

(Start: 67 @6298 has 242 MA's), (77, 6322), (90, 6361), (99, 6394), (104, 6406), (110, 6427), (113, 6433), (114, 6436), (121, 6454), (130, 6475), (138, 6487), (149, 6505), (151, 6511), (156, 6523), (165, 6541), (173, 6550), (185, 6574), (191, 6601), (192, 6604), (200, 6622),

Gene: Moyashi_8 Start: 6116, Stop: 6463, Start Num: 71

Candidate Starts for Moyashi_8:

(19, 5960), (23, 5966), (24, 5969), (25, 5972), (29, 6011), (33, 6020), (41, 6053), (Start: 71 @6116 has 55 MA's), (83, 6146), (85, 6149), (94, 6191), (102, 6221), (108, 6233), (135, 6305), (148, 6326), (167, 6368), (184, 6395), (188, 6410), (198, 6443),

Gene: Mozy_9 Start: 6294, Stop: 6626, Start Num: 67

Candidate Starts for Mozy_9:

(Start: 67 @6294 has 242 MA's), (77, 6318), (87, 6336), (101, 6396), (108, 6411), (119, 6447), (130, 6471), (138, 6483), (142, 6489), (149, 6501), (151, 6507), (165, 6537), (185, 6570),

Gene: MrAK_8 Start: 6125, Stop: 6472, Start Num: 71

Candidate Starts for MrAK_8:

(41, 6062), (Start: 71 @6125 has 55 MA's), (83, 6155), (85, 6158), (94, 6200), (102, 6230), (108, 6242), (135, 6314), (167, 6377), (184, 6404), (188, 6419), (198, 6452),

Gene: Ms6_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Ms6_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Muddy_12 Start: 8430, Stop: 8804, Start Num: 59

Candidate Starts for Muddy_12:

(Start: 59 @8430 has 3 MA's), (99, 8541), (144, 8637), (197, 8781), (202, 8796),

Gene: MulchExplorer_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for MulchExplorer_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: MulchSalad_8 Start: 6446, Stop: 6775, Start Num: 67

Candidate Starts for MulchSalad_8:

(7, 6176), (31, 6353), (Start: 67 @6446 has 242 MA's), (77, 6470), (90, 6509), (99, 6542), (104, 6554), (110, 6575), (113, 6581), (114, 6584), (121, 6602), (138, 6635), (149, 6653), (151, 6659), (165, 6689), (173, 6698), (185, 6722), (191, 6749), (192, 6752), (200, 6770),

Gene: Mutaforma13_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Mutaforma13_8:

(Start: 67 @6446 has 242 MA's), (76, 6467), (77, 6470), (90, 6509), (101, 6548), (113, 6581), (114, 6584), (127, 6617), (130, 6623), (149, 6653), (151, 6659), (165, 6689), (185, 6722), (191, 6749), (196, 6761), (200, 6770),

Gene: Mwanjiwa_8 Start: 6418, Stop: 6747, Start Num: 67

Candidate Starts for Mwanjiwa_8:

(Start: 67 @6418 has 242 MA's), (77, 6442), (90, 6481), (99, 6514), (104, 6526), (110, 6547), (113, 6553), (114, 6556), (121, 6574), (138, 6607), (149, 6625), (151, 6631), (165, 6661), (173, 6670), (185, 6694), (191, 6721), (192, 6724), (200, 6742),

Gene: Nebkiss_7 Start: 7029, Stop: 7367, Start Num: 67

Candidate Starts for Nebkiss_7:

(Start: 67 @7029 has 242 MA's), (76, 7050), (77, 7053), (101, 7131), (104, 7137), (112, 7158), (113, 7161), (118, 7170), (136, 7212), (157, 7257), (173, 7284), (174, 7287), (192, 7338), (200, 7356),

Gene: Nergal_14 Start: 10144, Stop: 10533, Start Num: 51

Candidate Starts for Nergal_14:

(3, 9859), (Start: 51 @10144 has 2 MA's), (103, 10279), (106, 10285), (120, 10327), (122, 10333), (172, 10447), (177, 10459),

Gene: Neuville_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for Neuville_11:

(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: NewHope4_8 Start: 6420, Stop: 6752, Start Num: 67

Candidate Starts for NewHope4_8:

(Start: 67 @6420 has 242 MA's), (77, 6444), (87, 6462), (96, 6501), (101, 6522), (113, 6555), (119, 6573), (130, 6597), (138, 6609), (142, 6615), (149, 6627), (151, 6633), (165, 6663), (185, 6696),

Gene: Nichirin_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for Nichirin_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Nimbo_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Nimbo_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Nitzel_9 Start: 7096, Stop: 7425, Start Num: 67

Candidate Starts for Nitzel_9:

(7, 6826), (31, 7003), (Start: 67 @7096 has 242 MA's), (77, 7120), (90, 7159), (99, 7192), (110, 7225), (113, 7231), (114, 7234), (121, 7252), (138, 7285), (149, 7303), (151, 7309), (156, 7321), (165, 7339), (173, 7348), (185, 7372), (191, 7399), (192, 7402), (200, 7420),

Gene: Nivrat_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Nivrat_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (190, 6738), (191, 6747), (192, 6750), (200, 6768),

Gene: NoShow_10 Start: 7573, Stop: 7956, Start Num: 55

Candidate Starts for NoShow_10:

(16, 7408), (28, 7483), (34, 7513), (Start: 55 @7573 has 1 MA's), (Start: 73 @7603 has 2 MA's), (94, 7666), (101, 7693), (133, 7771), (135, 7774), (139, 7780), (144, 7789), (163, 7834), (200, 7933),

Gene: NoSwimming_11 Start: 9047, Stop: 9415, Start Num: 64

Candidate Starts for NoSwimming_11:

(2, 8651), (17, 8879), (Start: 64 @9047 has 15 MA's), (Start: 71 @9056 has 55 MA's), (153, 9275), (173, 9332),

Gene: NormanBulbieJr_8 Start: 6431, Stop: 6760, Start Num: 67

Candidate Starts for NormanBulbieJr_8:

(7, 6161), (31, 6338), (Start: 67 @6431 has 242 MA's), (77, 6455), (90, 6494), (99, 6527), (104, 6539), (110, 6560), (113, 6566), (114, 6569), (121, 6587), (138, 6620), (149, 6638), (151, 6644), (156, 6656), (165, 6674), (173, 6683), (185, 6707), (191, 6734), (192, 6737), (200, 6755),

Gene: ODay_10 Start: 6511, Stop: 6858, Start Num: 66

Candidate Starts for ODay_10:

(5, 6226), (8, 6259), (44, 6460), (Start: 66 @6511 has 2 MA's), (109, 6622), (146, 6703), (155, 6724), (161, 6742), (173, 6769), (199, 6841), (200, 6844),

Gene: Ochi17_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for Ochi17_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: OfUltron_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for OfUltron_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Ogopogo_11 Start: 6698, Stop: 7027, Start Num: 67

Candidate Starts for Ogopogo_11:

(39, 6647), (43, 6653), (Start: 67 @6698 has 242 MA's), (77, 6722), (90, 6761), (99, 6794), (110, 6827), (113, 6833), (114, 6836), (121, 6854), (138, 6887), (149, 6905), (151, 6911), (156, 6923), (165, 6941), (173, 6950), (185, 6974), (191, 7001), (192, 7004), (200, 7022),

Gene: Okabe_10 Start: 7106, Stop: 7435, Start Num: 67

Candidate Starts for Okabe_10:

(7, 6836), (31, 7013), (Start: 67 @7106 has 242 MA's), (77, 7130), (90, 7169), (99, 7202), (104, 7214), (110, 7235), (113, 7241), (114, 7244), (121, 7262), (138, 7295), (149, 7313), (151, 7319), (165, 7349), (173, 7358), (185, 7382), (191, 7409), (192, 7412), (200, 7430),

Gene: Oksu_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Oksu_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: OldBen_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for OldBen_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: OlympiaSaint_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for OlympiaSaint_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Ouroboros_8 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for Ouroboros_8:

(41, 6036), (56, 6072), (57, 6075), (Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (102, 6204), (108, 6216), (135, 6288), (148, 6309), (167, 6351), (184, 6378), (188, 6393), (198, 6426),

Gene: Ovechkin_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Ovechkin_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: OwlsT2W_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for OwlsT2W_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: P1.1_8 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for P1.1_8:

(19, 5943), (23, 5949), (24, 5952), (25, 5955), (29, 5994), (33, 6003), (41, 6036), (Start: 71 @6099 has 55 MA's), (85, 6132), (102, 6204), (108, 6216), (135, 6288), (148, 6309), (167, 6351), (182, 6375), (184, 6378), (188, 6393), (198, 6426),

Gene: P100.1_8 Start: 6089, Stop: 6436, Start Num: 71

Candidate Starts for P100.1_8:

(41, 6026), (Start: 71 @6089 has 55 MA's), (83, 6119), (85, 6122), (94, 6164), (102, 6194), (108, 6206), (135, 6278), (167, 6341), (184, 6368), (188, 6383), (198, 6416),

Gene: P100A_8 Start: 6111, Stop: 6458, Start Num: 71

Candidate Starts for P100A_8:

(35, 6027), (41, 6048), (56, 6084), (57, 6087), (Start: 71 @6111 has 55 MA's), (83, 6141), (85, 6144), (102, 6216), (108, 6228), (113, 6246), (135, 6300), (137, 6303), (167, 6363), (182, 6387), (184, 6390), (188, 6405), (198, 6438),

Gene: P100D_8 Start: 6093, Stop: 6440, Start Num: 71

Candidate Starts for P100D_8:

(41, 6030), (Start: 71 @6093 has 55 MA's), (83, 6123), (85, 6126), (94, 6168), (102, 6198), (108, 6210), (135, 6282), (167, 6345), (182, 6369), (184, 6372), (188, 6387), (198, 6420),

Gene: P101A_8 Start: 6092, Stop: 6439, Start Num: 71

Candidate Starts for P101A_8:

(19, 5936), (23, 5942), (24, 5945), (25, 5948), (29, 5987), (33, 5996), (41, 6029), (Start: 71 @6092 has 55 MA's), (83, 6122), (85, 6125), (94, 6167), (102, 6197), (108, 6209), (135, 6281), (167, 6344), (182, 6368), (184, 6371), (188, 6386), (198, 6419),

Gene: P104A_8 Start: 6094, Stop: 6441, Start Num: 71

Candidate Starts for P104A_8:

(41, 6031), (Start: 71 @6094 has 55 MA's), (83, 6124), (85, 6127), (94, 6169), (102, 6199), (108, 6211), (135, 6283), (167, 6346), (184, 6373), (188, 6388), (198, 6421),

Gene: P104B_8 Start: 6098, Stop: 6445, Start Num: 71

Candidate Starts for P104B_8:

(41, 6035), (Start: 71 @6098 has 55 MA's), (83, 6128), (85, 6131), (102, 6203), (108, 6215), (135, 6287), (148, 6308), (167, 6350), (182, 6374), (184, 6377), (188, 6392), (198, 6425),

Gene: P105_8 Start: 6088, Stop: 6435, Start Num: 71

Candidate Starts for P105_8:

(41, 6025), (Start: 71 @6088 has 55 MA's), (83, 6118), (85, 6121), (94, 6163), (102, 6193), (108, 6205), (135, 6277), (148, 6298), (165, 6337), (167, 6340), (182, 6364), (184, 6367), (188, 6382), (198, 6415),

Gene: P106A_8 Start: 6116, Stop: 6463, Start Num: 71

Candidate Starts for P106A_8:

(19, 5960), (23, 5966), (24, 5969), (25, 5972), (33, 6020), (41, 6053), (Start: 71 @6116 has 55 MA's), (83, 6146), (85, 6149), (94, 6191), (102, 6221), (108, 6233), (135, 6305), (148, 6326), (167, 6368), (184, 6395), (188, 6410), (198, 6443),

Gene: P106C_8 Start: 6116, Stop: 6463, Start Num: 71

Candidate Starts for P106C_8:

(19, 5960), (23, 5966), (24, 5969), (25, 5972), (33, 6020), (41, 6053), (Start: 71 @6116 has 55 MA's), (83, 6146), (85, 6149), (94, 6191), (102, 6221), (108, 6233), (135, 6305), (148, 6326), (167, 6368), (184, 6395), (188, 6410), (198, 6443),

Gene: P106I_8 Start: 6116, Stop: 6463, Start Num: 71

Candidate Starts for P106I_8:

(19, 5960), (23, 5966), (24, 5969), (25, 5972), (33, 6020), (41, 6053), (Start: 71 @6116 has 55 MA's), (83, 6146), (85, 6149), (94, 6191), (102, 6221), (108, 6233), (135, 6305), (148, 6326), (167, 6368), (184, 6395), (188, 6410), (198, 6443),

Gene: P106L_8 Start: 6116, Stop: 6463, Start Num: 71

Candidate Starts for P106L_8:

(19, 5960), (23, 5966), (24, 5969), (25, 5972), (33, 6020), (41, 6053), (Start: 71 @6116 has 55 MA's), (83, 6146), (85, 6149), (94, 6191), (102, 6221), (108, 6233), (135, 6305), (148, 6326), (167, 6368), (184, 6395), (188, 6410), (198, 6443),

Gene: P106M_8 Start: 6116, Stop: 6463, Start Num: 71

Candidate Starts for P106M_8:

(19, 5960), (23, 5966), (24, 5969), (25, 5972), (33, 6020), (41, 6053), (Start: 71 @6116 has 55 MA's), (83, 6146), (85, 6149), (94, 6191), (102, 6221), (108, 6233), (135, 6305), (148, 6326), (167, 6368), (184, 6395), (188, 6410), (198, 6443),

Gene: P107A_8 Start: 6102, Stop: 6449, Start Num: 71

Candidate Starts for P107A_8:

(41, 6039), (57, 6078), (Start: 71 @6102 has 55 MA's), (83, 6132), (85, 6135), (102, 6207), (108, 6219), (113, 6237), (135, 6291), (137, 6294), (148, 6312), (167, 6354), (182, 6378), (184, 6381), (188, 6396), (198, 6429),

Gene: P107C_8 Start: 6098, Stop: 6445, Start Num: 71

Candidate Starts for P107C_8:

(41, 6035), (Start: 71 @6098 has 55 MA's), (83, 6128), (85, 6131), (94, 6173), (102, 6203), (108, 6215), (135, 6287), (148, 6308), (167, 6350), (182, 6374), (184, 6377), (188, 6392), (198, 6425),

Gene: P108C_8 Start: 6102, Stop: 6449, Start Num: 71

Candidate Starts for P108C_8:

(41, 6039), (Start: 71 @6102 has 55 MA's), (83, 6132), (85, 6135), (94, 6177), (108, 6219), (135, 6291), (148, 6312), (167, 6354), (182, 6378), (184, 6381), (188, 6396), (198, 6429),

Gene: P14.4_8 Start: 6093, Stop: 6440, Start Num: 71

Candidate Starts for P14.4_8:

(41, 6030), (Start: 71 @6093 has 55 MA's), (83, 6123), (85, 6126), (94, 6168), (102, 6198), (108, 6210), (135, 6282), (148, 6303), (167, 6345), (184, 6372), (188, 6387), (198, 6420),

Gene: P9.1_8 Start: 6091, Stop: 6438, Start Num: 71

Candidate Starts for P9.1_8:

(Start: 71 @6091 has 55 MA's), (83, 6121), (85, 6124), (94, 6166), (102, 6196), (108, 6208), (135, 6280), (148, 6301), (167, 6343), (182, 6367), (184, 6370), (188, 6385), (198, 6418),

Gene: PA6_8 Start: 6101, Stop: 6448, Start Num: 71

Candidate Starts for PA6_8:

(41, 6038), (56, 6074), (Start: 71 @6101 has 55 MA's), (83, 6131), (85, 6134), (94, 6176), (102, 6206), (108, 6218), (135, 6290), (148, 6311), (165, 6350), (184, 6380), (188, 6395), (198, 6428),

Gene: PAD20_8 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for PAD20_8:

(Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (102, 6204), (108, 6216), (135, 6288), (167, 6351), (182, 6375), (184, 6378), (188, 6393), (198, 6426),

Gene: PAS50_8 Start: 6096, Stop: 6443, Start Num: 71

Candidate Starts for PAS50_8:

(41, 6033), (Start: 71 @6096 has 55 MA's), (83, 6126), (85, 6129), (94, 6171), (102, 6201), (108, 6213), (113, 6231), (135, 6285), (148, 6306), (167, 6348), (182, 6372), (184, 6375), (188, 6390), (198, 6423),

Gene: PFR1_07 Start: 6932, Stop: 7273, Start Num: 76

Candidate Starts for PFR1_07:

(38, 6845), (76, 6932), (86, 6950), (99, 7010), (107, 7028), (109, 7037), (128, 7091), (129, 7094), (137, 7106), (143, 7115), (144, 7118), (150, 7130), (153, 7136), (181, 7196), (187, 7217), (193, 7241),

Gene: PFR2_07 Start: 6932, Stop: 7273, Start Num: 76

Candidate Starts for PFR2_07:

(38, 6845), (76, 6932), (86, 6950), (99, 7010), (107, 7028), (109, 7037), (128, 7091), (129, 7094), (137, 7106), (143, 7115), (144, 7118), (150, 7130), (153, 7136), (181, 7196), (187, 7217), (193, 7241),

Gene: PHL010M04_08 Start: 6091, Stop: 6438, Start Num: 71

Candidate Starts for PHL010M04_08:

(19, 5935), (23, 5941), (25, 5947), (29, 5986), (33, 5995), (41, 6028), (Start: 71 @6091 has 55 MA's), (83, 6121), (85, 6124), (102, 6196), (108, 6208), (113, 6226), (135, 6280), (167, 6343), (182, 6367), (184, 6370), (188, 6385), (198, 6418),

Gene: PHL037M02_08 Start: 6097, Stop: 6444, Start Num: 71

Candidate Starts for PHL037M02_08:

(41, 6034), (Start: 71 @6097 has 55 MA's), (83, 6127), (85, 6130), (92, 6160), (102, 6202), (108, 6214), (135, 6286), (148, 6307), (165, 6346), (167, 6349), (184, 6376), (188, 6391), (198, 6424),

Gene: PHL060L00_08 Start: 6089, Stop: 6436, Start Num: 71

Candidate Starts for PHL060L00_08:

(19, 5933), (23, 5939), (24, 5942), (25, 5945), (29, 5984), (33, 5993), (41, 6026), (Start: 71 @6089 has 55 MA's), (83, 6119), (85, 6122), (94, 6164), (102, 6194), (108, 6206), (135, 6278), (148, 6299), (167, 6341), (182, 6365), (184, 6368), (188, 6383), (198, 6416),

Gene: PHL067M10_08 Start: 6093, Stop: 6440, Start Num: 71

Candidate Starts for PHL067M10_08:

(41, 6030), (Start: 71 @6093 has 55 MA's), (83, 6123), (85, 6126), (94, 6168), (102, 6198), (108, 6210), (135, 6282), (165, 6342), (167, 6345), (184, 6372), (188, 6387), (198, 6420),

Gene: PHL071N05_08 Start: 6095, Stop: 6442, Start Num: 71

Candidate Starts for PHL071N05_08:

(41, 6032), (Start: 71 @6095 has 55 MA's), (83, 6125), (85, 6128), (94, 6170), (108, 6212), (135, 6284), (148, 6305), (167, 6347), (182, 6371), (184, 6374), (188, 6389), (198, 6422),

Gene: PHL111M01_08 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for PHL111M01_08:

(41, 6036), (Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (102, 6204), (108, 6216), (135, 6288), (167, 6351), (182, 6375), (184, 6378), (188, 6393), (198, 6426),

Gene: PHL112N00_08 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for PHL112N00_08:

(41, 6036), (42, 6039), (Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (102, 6204), (108, 6216), (135, 6288), (148, 6309), (165, 6348), (167, 6351), (184, 6378), (188, 6393), (198, 6426),

Gene: PHL113M01_08 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for PHL113M01_08:

(41, 6036), (Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (102, 6204), (108, 6216), (135, 6288), (148, 6309), (167, 6351), (184, 6378), (188, 6393), (198, 6426),

Gene: PHL114L00_08 Start: 6098, Stop: 6445, Start Num: 71

Candidate Starts for PHL114L00_08:

(22, 5945), (24, 5951), (25, 5954), (29, 5993), (30, 5996), (41, 6035), (57, 6074), (Start: 71 @6098 has 55 MA's), (81, 6125), (83, 6128), (85, 6131), (94, 6173), (102, 6203), (108, 6215), (167, 6350), (184, 6377), (188, 6392), (198, 6425),

Gene: PHappiness_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for PHappiness_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: PMC_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for PMC_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Pacc40_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Pacc40_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: PatoPoderoso_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for PatoPoderoso_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: Peridot_10 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Peridot_10:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Periwinkle_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Periwinkle_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135, 6657), (154, 6690), (171, 6735), (190, 6786), (200, 6816),

Gene: Phabuloso_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for Phabuloso_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (200, 6821),

Gene: Phalconet_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Phalconet_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Phanphagia_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Phanphagia_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (177, 6707), (185, 6722),

Gene: Phasih_8 Start: 6459, Stop: 6788, Start Num: 67

Candidate Starts for Phasih_8:

(Start: 67 @6459 has 242 MA's), (77, 6483), (90, 6522), (99, 6555), (104, 6567), (110, 6588), (113, 6594), (114, 6597), (121, 6615), (138, 6648), (149, 6666), (151, 6672), (165, 6702), (173, 6711), (185, 6735), (191, 6762), (192, 6765), (200, 6783),

Gene: Phatniss_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Phatniss_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: PhesterPhotato_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for PhesterPhotato_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Philus_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Philus_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (190, 6738), (191, 6747), (192, 6750), (200, 6768),

Gene: Phistory_10 Start: 6469, Stop: 6816, Start Num: 63

Candidate Starts for Phistory_10:

(49, 6433), (Start: 63 @6469 has 20 MA's), (82, 6508), (94, 6550), (133, 6643), (135, 6646), (171, 6724), (190, 6775), (193, 6790), (200, 6805),

Gene: PhlipPhlop_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for PhlipPhlop_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: PhorbesPhlower_9 Start: 5962, Stop: 6303, Start Num: 69

Candidate Starts for PhorbesPhlower_9:

(20, 5809), (48, 5917), (60, 5950), (Start: 69 @5962 has 39 MA's), (99, 6055), (135, 6130), (143, 6142), (155, 6169), (161, 6187), (199, 6289), (200, 6292),

Gene: Pigu_9 Start: 6514, Stop: 6882, Start Num: 64

Candidate Starts for Pigu_9:

(62, 6511), (Start: 64 @6514 has 15 MA's), (Start: 71 @6523 has 55 MA's), (Start: 74 @6535 has 2 MA's), (128, 6694), (158, 6754), (173, 6799), (196, 6862), (200, 6871),

Gene: Piper2020_9 Start: 6298, Stop: 6627, Start Num: 67

Candidate Starts for Piper2020_9:

(Start: 67 @6298 has 242 MA's), (77, 6322), (90, 6361), (99, 6394), (110, 6427), (113, 6433), (114, 6436), (121, 6454), (138, 6487), (149, 6505), (151, 6511), (156, 6523), (165, 6541), (173, 6550), (185, 6574), (190, 6592), (191, 6601), (192, 6604), (200, 6622),

Gene: Pippy_8 Start: 6431, Stop: 6760, Start Num: 67

Candidate Starts for Pippy_8:

(7, 6161), (31, 6338), (Start: 67 @6431 has 242 MA's), (77, 6455), (90, 6494), (99, 6527), (104, 6539), (110, 6560), (113, 6566), (114, 6569), (121, 6587), (138, 6620), (149, 6638), (151, 6644), (156, 6656), (165, 6674), (173, 6683), (185, 6707), (191, 6734), (192, 6737), (200, 6755),

Gene: Pirate_8 Start: 6091, Stop: 6438, Start Num: 71

Candidate Starts for Pirate_8:

(41, 6028), (Start: 71 @6091 has 55 MA's), (83, 6121), (85, 6124), (94, 6166), (108, 6208), (135, 6280), (148, 6301), (167, 6343), (182, 6367), (184, 6370), (188, 6385), (198, 6418),

Gene: Plumbus_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Plumbus_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: Poenanya_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Poenanya_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Polka14_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Polka14_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Pollux_10 Start: 7484, Stop: 7831, Start Num: 69

Candidate Starts for Pollux_10:

(Start: 69 @7484 has 39 MA's), (104, 7592), (169, 7739), (196, 7811),

Gene: Pollywog_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Pollywog_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Polo2Bam_9 Start: 6420, Stop: 6752, Start Num: 67

Candidate Starts for Polo2Bam_9:

(Start: 67 @6420 has 242 MA's), (77, 6444), (87, 6462), (96, 6501), (101, 6522), (113, 6555), (119, 6573), (130, 6597), (138, 6609), (142, 6615), (149, 6627), (151, 6633), (165, 6663), (185, 6696),

Gene: Ponzi_48 Start: 27983, Stop: 28312, Start Num: 71

Candidate Starts for Ponzi_48:

(15, 27788), (Start: 71 @27983 has 55 MA's), (Start: 73 @27992 has 2 MA's), (100, 28076), (133, 28151), (152, 28184), (164, 28208), (186, 28262), (192, 28283), (196, 28292), (199, 28298), (200, 28301),

Gene: PopTart_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for PopTart_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Posh_10 Start: 7478, Stop: 7825, Start Num: 69

Candidate Starts for Posh_10:

(Start: 69 @7478 has 39 MA's), (104, 7586), (169, 7733), (196, 7805),

Gene: PrairieDogTown_10 Start: 8142, Stop: 8474, Start Num: 64

Candidate Starts for PrairieDogTown_10:

(Start: 64 @8142 has 15 MA's), (Start: 71 @8151 has 55 MA's),

Gene: Priscilla_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Priscilla_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Procrass1_8 Start: 6098, Stop: 6445, Start Num: 71

Candidate Starts for Procrass1_8:

(41, 6035), (Start: 71 @6098 has 55 MA's), (83, 6128), (85, 6131), (102, 6203), (108, 6215), (135, 6287), (148, 6308), (167, 6350), (182, 6374), (184, 6377), (188, 6392), (198, 6425),

Gene: Pytheas_10 Start: 7331, Stop: 7678, Start Num: 69

Candidate Starts for Pytheas_10:

(Start: 69 @7331 has 39 MA's), (104, 7439), (124, 7484), (169, 7586), (196, 7658),

Gene: QueenBey_8 Start: 6092, Stop: 6439, Start Num: 71

Candidate Starts for QueenBey_8:

(24, 5945), (25, 5948), (29, 5987), (30, 5990), (33, 5996), (35, 6008), (41, 6029), (57, 6068), (Start: 71 @6092 has 55 MA's), (83, 6122), (85, 6125), (92, 6155), (102, 6197), (108, 6209), (113, 6227), (135, 6281), (167, 6344), (182, 6368), (184, 6371), (188, 6386), (198, 6419),

Gene: QuickMath_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for QuickMath_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (138, 6636), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: Quico_9 Start: 6291, Stop: 6620, Start Num: 67

Candidate Starts for Quico_9:

(Start: 67 @6291 has 242 MA's), (77, 6315), (90, 6354), (99, 6387), (104, 6399), (110, 6420), (113, 6426), (114, 6429), (121, 6447), (138, 6480), (149, 6498), (151, 6504), (156, 6516), (165, 6534), (173, 6543), (185, 6567), (191, 6594), (192, 6597), (200, 6615),

Gene: Radiance_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Radiance_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Ramsey_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Ramsey_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: RedBird_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for RedBird_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Renaud18_9 Start: 6780, Stop: 7112, Start Num: 67

Candidate Starts for Renaud18_9:

(Start: 67 @6780 has 242 MA's), (77, 6804), (96, 6864), (101, 6885), (104, 6891), (125, 6951), (130, 6960), (134, 6966), (140, 6972), (173, 7032), (174, 7035), (196, 7095), (200, 7104),

Gene: Rialto_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Rialto_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: Rileysaurus_8 Start: 6087, Stop: 6434, Start Num: 71

Candidate Starts for Rileysaurus_8:

(19, 5931), (25, 5943), (29, 5982), (30, 5985), (33, 5991), (41, 6024), (57, 6063), (Start: 71 @6087 has 55 MA's), (83, 6117), (85, 6120), (102, 6192), (108, 6204), (135, 6276), (167, 6339), (182, 6363), (184, 6366), (188, 6381), (198, 6414),

Gene: Rita_8 Start: 6447, Stop: 6779, Start Num: 67

Candidate Starts for Rita_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (87, 6489), (96, 6528), (101, 6549), (108, 6564), (113, 6582), (119, 6600), (130, 6624), (138, 6636), (142, 6642), (149, 6654), (151, 6660), (165, 6690), (185, 6723),

Gene: RitaG_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for RitaG_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: Roberts_11 Start: 7129, Stop: 7464, Start Num: 69

Candidate Starts for Roberts_11:

(Start: 69 @7129 has 39 MA's), (80, 7159), (173, 7381),

Gene: Rockne_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Rockne_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: RockyHorror_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for RockyHorror_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (90, 6358), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (121, 6451), (130, 6472), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: RootBeer_9 Start: 6513, Stop: 6860, Start Num: 74

Candidate Starts for RootBeer_9:

(52, 6468), (Start: 74 @6513 has 2 MA's), (76, 6519), (115, 6639), (155, 6729), (168, 6765),

Gene: Rooter_9 Start: 6545, Stop: 6877, Start Num: 64

Candidate Starts for Rooter_9:

(Start: 64 @6545 has 15 MA's), (Start: 71 @6554 has 55 MA's), (94, 6623), (128, 6725), (152, 6767), (173, 6794), (189, 6833), (200, 6866),

Gene: Royals2015_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Royals2015_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Ruby_8 Start: 6449, Stop: 6778, Start Num: 67

Candidate Starts for Ruby_8:

(Start: 67 @6449 has 242 MA's), (77, 6473), (90, 6512), (99, 6545), (104, 6557), (110, 6578), (113, 6584), (114, 6587), (121, 6605), (138, 6638), (149, 6656), (151, 6662), (165, 6692), (173, 6701), (185,

6725), (191, 6752), (192, 6755), (200, 6773),

Gene: RunningOnE_69 Start: 33386, Stop: 33715, Start Num: 70

Candidate Starts for RunningOnE_69:

(12, 33164), (18, 33224), (Start: 70 @33386 has 1 MA's), (98, 33473), (121, 33524), (164, 33608),

Gene: SG4_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for SG4_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: SKKY_8 Start: 6123, Stop: 6470, Start Num: 71

Candidate Starts for SKKY_8:

(19, 5967), (23, 5973), (24, 5976), (25, 5979), (29, 6018), (33, 6027), (41, 6060), (Start: 71 @6123 has 55 MA's), (83, 6153), (85, 6156), (94, 6198), (102, 6228), (108, 6240), (135, 6312), (148, 6333), (167, 6375), (184, 6402), (188, 6417), (198, 6450),

Gene: Saal_8 Start: 6432, Stop: 6761, Start Num: 67

Candidate Starts for Saal_8:

(7, 6162), (31, 6339), (Start: 67 @6432 has 242 MA's), (77, 6456), (90, 6495), (99, 6528), (104, 6540), (110, 6561), (113, 6567), (114, 6570), (121, 6588), (138, 6621), (149, 6639), (151, 6645), (156, 6657), (165, 6675), (173, 6684), (185, 6708), (191, 6735), (192, 6738), (200, 6756),

Gene: Sabbb_8 Start: 6447, Stop: 6776, Start Num: 67

Candidate Starts for Sabbb_8:

(Start: 67 @6447 has 242 MA's), (77, 6471), (90, 6510), (99, 6543), (110, 6576), (113, 6582), (114, 6585), (121, 6603), (138, 6636), (149, 6654), (151, 6660), (165, 6690), (173, 6699), (185, 6723), (191, 6750), (192, 6753), (200, 6771),

Gene: Salvus_13 Start: 8524, Stop: 8898, Start Num: 59

Candidate Starts for Salvus_13:

(Start: 59 @8524 has 3 MA's), (77, 8563), (99, 8635), (144, 8731), (192, 8863), (197, 8875),

Gene: Sandalphon_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Sandalphon_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (138, 6649), (149, 6667), (151, 6673), (156, 6685), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Sarge_9 Start: 6912, Stop: 7244, Start Num: 64

Candidate Starts for Sarge_9:

(Start: 64 @6912 has 15 MA's), (Start: 71 @6921 has 55 MA's), (94, 6990), (152, 7134), (153, 7137), (173, 7161), (200, 7233),

Gene: Sarma624_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Sarma624_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Sassafra_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Sassafra_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: SassyB_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for SassyB_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Scotia_11 Start: 9053, Stop: 9421, Start Num: 64

Candidate Starts for Scotia_11:

(2, 8657), (17, 8885), (Start: 64 @9053 has 15 MA's), (Start: 71 @9062 has 55 MA's), (153, 9281), (173, 9338),

Gene: Scottish_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Scottish_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (191, 6746), (192, 6749), (200, 6767),

Gene: SeaLumen_8 Start: 6420, Stop: 6752, Start Num: 67

Candidate Starts for SeaLumen_8:

(Start: 67 @6420 has 242 MA's), (77, 6444), (87, 6462), (96, 6501), (101, 6522), (113, 6555), (119, 6573), (130, 6597), (138, 6609), (142, 6615), (149, 6627), (151, 6633), (165, 6663), (185, 6696),

Gene: Seabastian_8 Start: 6442, Stop: 6771, Start Num: 67

Candidate Starts for Seabastian_8:

(7, 6172), (31, 6349), (Start: 67 @6442 has 242 MA's), (77, 6466), (90, 6505), (99, 6538), (104, 6550), (110, 6571), (113, 6577), (114, 6580), (121, 6598), (138, 6631), (149, 6649), (151, 6655), (165, 6685), (173, 6694), (185, 6718), (191, 6745), (192, 6748), (200, 6766),

Gene: Seagreen_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Seagreen_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (130, 6473), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Shauna1_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Shauna1_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (177, 6707), (185, 6722),

Gene: ShawBrad_10 Start: 6485, Stop: 6832, Start Num: 63

Candidate Starts for ShawBrad_10:

(49, 6449), (Start: 63 @6485 has 20 MA's), (82, 6524), (94, 6566), (124, 6638), (133, 6659), (135, 6662), (154, 6695), (171, 6740), (190, 6791), (193, 6806), (196, 6812), (200, 6821),

Gene: ShiLan_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for ShiLan_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (190, 6738), (191, 6747), (192, 6750), (200, 6768),

Gene: ShowerHandel_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for ShowerHandel_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (190, 6739), (191, 6748), (192, 6751), (200, 6769),

Gene: Shoya_8 Start: 6548, Stop: 6880, Start Num: 64

Candidate Starts for Shoya_8:

(Start: 64 @6548 has 15 MA's), (Start: 71 @6557 has 55 MA's), (94, 6626), (143, 6752), (152, 6770), (173, 6797), (200, 6869),

Gene: ShroomBoi_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for ShroomBoi_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: SiSi_8 Start: 6431, Stop: 6763, Start Num: 67

Candidate Starts for SiSi_8:

(Start: 67 @6431 has 242 MA's), (77, 6455), (87, 6473), (96, 6512), (101, 6533), (108, 6548), (113, 6566), (119, 6584), (130, 6608), (138, 6620), (142, 6626), (149, 6638), (151, 6644), (165, 6674), (185, 6707),

Gene: SilverChicken_10 Start: 6438, Stop: 6791, Start Num: 69

Candidate Starts for SilverChicken_10:

(46, 6387), (48, 6393), (Start: 69 @6438 has 39 MA's), (80, 6468), (96, 6519), (135, 6624), (146, 6642), (160, 6675), (193, 6765),

Gene: SimranZ1_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for SimranZ1_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Sleepyhead_9 Start: 6893, Stop: 7246, Start Num: 40

Candidate Starts for Sleepyhead_9:

(Start: 40 @6893 has 1 MA's), (93, 7016), (161, 7196),

Gene: Slim_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Slim_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: Solid_8 Start: 6099, Stop: 6446, Start Num: 71

Candidate Starts for Solid_8:

(41, 6036), (Start: 71 @6099 has 55 MA's), (83, 6129), (85, 6132), (94, 6174), (102, 6204), (108, 6216), (135, 6288), (148, 6309), (167, 6351), (182, 6375), (184, 6378), (188, 6393), (198, 6426),

Gene: Soul22_10 Start: 6437, Stop: 6790, Start Num: 69

Candidate Starts for Soul22_10:

(46, 6386), (48, 6392), (Start: 69 @6437 has 39 MA's), (80, 6467), (96, 6518), (135, 6623), (146, 6641), (160, 6674), (193, 6764),

Gene: Sparkdehlily_8 Start: 6459, Stop: 6788, Start Num: 67

Candidate Starts for Sparkdehlily_8:

(7, 6189), (31, 6366), (Start: 67 @6459 has 242 MA's), (77, 6483), (90, 6522), (99, 6555), (104, 6567), (110, 6588), (113, 6594), (114, 6597), (121, 6615), (138, 6648), (149, 6666), (151, 6672), (156, 6684), (165, 6702), (173, 6711), (185, 6735), (191, 6762), (192, 6765), (200, 6783),

Gene: Spartacus_8 Start: 6434, Stop: 6766, Start Num: 67

Candidate Starts for Spartacus_8:

(Start: 67 @6434 has 242 MA's), (76, 6455), (77, 6458), (90, 6497), (101, 6536), (113, 6569), (114, 6572), (127, 6605), (130, 6611), (149, 6641), (151, 6647), (165, 6677), (185, 6710), (191, 6737), (196, 6749), (200, 6758),

Gene: Spartoi_8 Start: 6006, Stop: 6344, Start Num: 65

Candidate Starts for Spartoi_8:

(Start: 65 @6006 has 1 MA's), (72, 6015), (79, 6036), (109, 6117), (130, 6174),

Gene: Spikelee_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Spikelee_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Spooks_54 Start: 31985, Stop: 32302, Start Num: 73

Candidate Starts for Spooks_54:

(Start: 71 @31976 has 55 MA's), (72, 31979), (Start: 73 @31985 has 2 MA's), (105, 32081), (143, 32156), (164, 32198), (173, 32225),

Gene: Spooky_10 Start: 6478, Stop: 6825, Start Num: 63

Candidate Starts for Spooky_10:

(4, 6193), (11, 6265), (14, 6292), (27, 6367), (41, 6427), (50, 6445), (Start: 63 @6478 has 20 MA's), (82, 6517), (94, 6559), (109, 6592), (133, 6652), (135, 6655), (171, 6733), (190, 6784), (200, 6814),

Gene: Spoonbill_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for Spoonbill_8:

(Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: Squiddly_11 Start: 7165, Stop: 7512, Start Num: 63

Candidate Starts for Squiddly_11:

(49, 7129), (Start: 63 @7165 has 20 MA's), (82, 7204), (94, 7246), (133, 7339), (135, 7342), (171, 7420), (190, 7471), (193, 7486), (200, 7501),

Gene: Squirty_9 Start: 6294, Stop: 6623, Start Num: 67

Candidate Starts for Squirty_9:

(Start: 67 @6294 has 242 MA's), (77, 6318), (90, 6357), (99, 6390), (104, 6402), (110, 6423), (113, 6429), (114, 6432), (121, 6450), (138, 6483), (149, 6501), (151, 6507), (156, 6519), (165, 6537), (173, 6546), (185, 6570), (191, 6597), (192, 6600), (200, 6618),

Gene: StAnnes_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for StAnnes_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Stap_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Stap_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (130, 6473), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Starcevich_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Starcevich_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Stellammi_7 Start: 5925, Stop: 6263, Start Num: 67

Candidate Starts for Stellammi_7:

(Start: 67 @5925 has 242 MA's), (84, 5961), (104, 6033), (113, 6057), (136, 6108), (138, 6111), (145, 6123), (147, 6126), (149, 6129), (174, 6183), (180, 6192), (200, 6252),

Gene: Stormborn_8 Start: 6095, Stop: 6442, Start Num: 71

Candidate Starts for Stormborn_8:

(41, 6032), (Start: 71 @6095 has 55 MA's), (83, 6125), (85, 6128), (102, 6200), (108, 6212), (135, 6284), (148, 6305), (167, 6347), (182, 6371), (184, 6374), (188, 6389), (198, 6422),

Gene: Strokeseat_8 Start: 6433, Stop: 6762, Start Num: 67

Candidate Starts for Strokeseat_8:

(7, 6163), (31, 6340), (Start: 67 @6433 has 242 MA's), (77, 6457), (90, 6496), (99, 6529), (104, 6541), (110, 6562), (113, 6568), (114, 6571), (121, 6589), (138, 6622), (149, 6640), (151, 6646), (165, 6676), (173, 6685), (185, 6709), (191, 6736), (192, 6739), (200, 6757),

Gene: Studio_11 Start: 6885, Stop: 7220, Start Num: 69

Candidate Starts for Studio_11:

(60, 6873), (Start: 69 @6885 has 39 MA's), (80, 6915),

Gene: Success_55 Start: 31095, Stop: 31421, Start Num: 71

Candidate Starts for Success_55:

(Start: 71 @31095 has 55 MA's), (Start: 73 @31104 has 2 MA's), (80, 31122), (98, 31182), (143, 31275), (164, 31317),

Gene: SuperGrey_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for SuperGrey_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Supernova_8 Start: 6091, Stop: 6438, Start Num: 71

Candidate Starts for Supernova_8:

(41, 6028), (Start: 71 @6091 has 55 MA's), (83, 6121), (85, 6124), (94, 6166), (102, 6196), (108, 6208), (135, 6280), (148, 6301), (167, 6343), (182, 6367), (184, 6370), (188, 6385), (198, 6418),

Gene: SwagPigglett_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for SwagPigglett_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (104, 6553), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (190, 6739), (191, 6748), (192, 6751), (200, 6769),

Gene: TChen_9 Start: 6903, Stop: 7235, Start Num: 67

Candidate Starts for TChen_9:

(Start: 67 @6903 has 242 MA's), (77, 6927), (96, 6987), (101, 7008), (104, 7014), (125, 7074), (130, 7083), (134, 7089), (140, 7095), (173, 7155), (174, 7158), (196, 7218), (200, 7227),

Gene: TDanisky_8 Start: 6459, Stop: 6788, Start Num: 67

Candidate Starts for TDanisky_8:

(7, 6189), (31, 6366), (Start: 67 @6459 has 242 MA's), (77, 6483), (90, 6522), (99, 6555), (104, 6567), (110, 6588), (113, 6594), (114, 6597), (121, 6615), (138, 6648), (149, 6666), (151, 6672), (156, 6684), (165, 6702), (173, 6711), (185, 6735), (191, 6762), (192, 6765), (200, 6783),

Gene: TMaxx_11 Start: 7008, Stop: 7340, Start Num: 71

Candidate Starts for TMaxx_11:

(Start: 71 @7008 has 55 MA's), (169, 7248),

Gene: Taj_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Taj_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Tchotchke_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Tchotchke_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: ThetaBob_9 Start: 6783, Stop: 7115, Start Num: 67

Candidate Starts for ThetaBob_9:

(Start: 67 @6783 has 242 MA's), (77, 6807), (96, 6867), (101, 6888), (104, 6894), (125, 6954), (130, 6963), (134, 6969), (140, 6975), (173, 7035), (174, 7038), (196, 7098), (200, 7107),

Gene: TootsiePop_9 Start: 6299, Stop: 6628, Start Num: 67

Candidate Starts for TootsiePop_9:

(Start: 67 @6299 has 242 MA's), (77, 6323), (90, 6362), (99, 6395), (104, 6407), (110, 6428), (113, 6434), (114, 6437), (121, 6455), (130, 6476), (138, 6488), (149, 6506), (151, 6512), (156, 6524), (165, 6542), (173, 6551), (185, 6575), (191, 6602), (192, 6605), (200, 6623),

Gene: Tootsieroll_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for Tootsieroll_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (130, 6473), (138, 6485), (149, 6503), (151, 6509), (156, 6521), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: Topiatin_10 Start: 7096, Stop: 7428, Start Num: 67

Candidate Starts for Topiatin_10:

(Start: 67 @7096 has 242 MA's), (77, 7120), (87, 7138), (96, 7177), (101, 7198), (108, 7213), (113, 7231), (119, 7249), (130, 7273), (138, 7285), (142, 7291), (149, 7303), (151, 7309), (165, 7339), (185, 7372),

Gene: Toron_9 Start: 6903, Stop: 7235, Start Num: 67

Candidate Starts for Toron_9:

(Start: 67 @6903 has 242 MA's), (77, 6927), (96, 6987), (104, 7014), (125, 7074), (130, 7083), (134, 7089), (140, 7095), (173, 7155), (174, 7158), (196, 7218), (200, 7227),

Gene: Totinger_9 Start: 6297, Stop: 6626, Start Num: 67

Candidate Starts for Totinger_9:

(Start: 67 @6297 has 242 MA's), (77, 6321), (90, 6360), (99, 6393), (104, 6405), (110, 6426), (113, 6432), (114, 6435), (121, 6453), (138, 6486), (149, 6504), (151, 6510), (156, 6522), (165, 6540), (173, 6549), (185, 6573), (191, 6600), (192, 6603), (200, 6621),

Gene: TripleC_14 Start: 10502, Stop: 10834, Start Num: 71

Candidate Starts for TripleC_14:

(Start: 71 @10502 has 55 MA's), (192, 10805),

Gene: Tweety_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Tweety_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: UncleRicky_9 Start: 6296, Stop: 6625, Start Num: 67

Candidate Starts for UncleRicky_9:

(Start: 67 @6296 has 242 MA's), (77, 6320), (90, 6359), (99, 6392), (104, 6404), (110, 6425), (113, 6431), (114, 6434), (121, 6452), (138, 6485), (149, 6503), (151, 6509), (165, 6539), (173, 6548), (185, 6572), (191, 6599), (192, 6602), (200, 6620),

Gene: VRedHorse_8 Start: 6445, Stop: 6774, Start Num: 67

Candidate Starts for VRedHorse_8:

(7, 6175), (31, 6352), (Start: 67 @6445 has 242 MA's), (77, 6469), (90, 6508), (99, 6541), (110, 6574), (113, 6580), (114, 6583), (121, 6601), (138, 6634), (149, 6652), (151, 6658), (156, 6670), (165, 6688), (173, 6697), (185, 6721), (191, 6748), (192, 6751), (200, 6769),

Gene: Velveteen_9 Start: 6295, Stop: 6624, Start Num: 67

Candidate Starts for Velveteen_9:

(Start: 67 @6295 has 242 MA's), (77, 6319), (99, 6391), (104, 6403), (110, 6424), (113, 6430), (114, 6433), (121, 6451), (138, 6484), (149, 6502), (151, 6508), (156, 6520), (165, 6538), (173, 6547), (185, 6571), (191, 6598), (192, 6601), (200, 6619),

Gene: Veteran_8 Start: 6460, Stop: 6789, Start Num: 67

Candidate Starts for Veteran_8:

(7, 6190), (31, 6367), (Start: 67 @6460 has 242 MA's), (77, 6484), (90, 6523), (99, 6556), (104, 6568), (110, 6589), (113, 6595), (114, 6598), (121, 6616), (130, 6637), (138, 6649), (149, 6667), (151, 6673), (165, 6703), (173, 6712), (185, 6736), (191, 6763), (192, 6766), (200, 6784),

Gene: Violac_8 Start: 6446, Stop: 6775, Start Num: 67

Candidate Starts for Violac_8:

(7, 6176), (31, 6353), (Start: 67 @6446 has 242 MA's), (77, 6470), (90, 6509), (99, 6542), (104, 6554), (110, 6575), (113, 6581), (114, 6584), (121, 6602), (138, 6635), (149, 6653), (151, 6659), (156, 6671), (165, 6689), (173, 6698), (185, 6722), (191, 6749), (192, 6752), (200, 6770),

Gene: Vivum_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Vivum_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (104, 6552), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Wachhund_8 Start: 6436, Stop: 6765, Start Num: 67

Candidate Starts for Wachhund_8:

(Start: 67 @6436 has 242 MA's), (77, 6460), (90, 6499), (99, 6532), (104, 6544), (110, 6565), (113, 6571), (114, 6574), (121, 6592), (138, 6625), (149, 6643), (151, 6649), (156, 6661), (165, 6679), (173, 6688), (185, 6712), (191, 6739), (192, 6742), (200, 6760),

Gene: Wee_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Wee_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (138, 6635), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Whatsapiecost_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for Whatsapiecost_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Whitney_10 Start: 6480, Stop: 6827, Start Num: 63

Candidate Starts for Whitney_10:

(49, 6444), (Start: 63 @6480 has 20 MA's), (82, 6519), (94, 6561), (124, 6633), (133, 6654), (135, 6657), (154, 6690), (171, 6735), (190, 6786), (193, 6801), (200, 6816),

Gene: Whouxphf_8 Start: 6435, Stop: 6764, Start Num: 67

Candidate Starts for Whouxphf_8:

(Start: 67 @6435 has 242 MA's), (77, 6459), (90, 6498), (99, 6531), (104, 6543), (110, 6564), (113, 6570), (114, 6573), (121, 6591), (138, 6624), (149, 6642), (151, 6648), (165, 6678), (173, 6687), (185, 6711), (191, 6738), (192, 6741), (200, 6759),

Gene: WillSterrel_8 Start: 6434, Stop: 6766, Start Num: 67

Candidate Starts for WillSterrel_8:

(Start: 67 @6434 has 242 MA's), (76, 6455), (77, 6458), (90, 6497), (101, 6536), (113, 6569), (114, 6572), (127, 6605), (130, 6611), (149, 6641), (151, 6647), (165, 6677), (185, 6710), (191, 6737), (196, 6749), (200, 6758),

Gene: Wizzo_8 Start: 6103, Stop: 6450, Start Num: 71

Candidate Starts for Wizzo_8:

(41, 6040), (Start: 71 @6103 has 55 MA's), (83, 6133), (85, 6136), (94, 6178), (102, 6208), (108, 6220), (135, 6292), (148, 6313), (167, 6355), (182, 6379), (184, 6382), (188, 6397), (198, 6430),

Gene: Wrigley_10 Start: 7328, Stop: 7675, Start Num: 69

Candidate Starts for Wrigley_10:

(36, 7250), (Start: 69 @7328 has 39 MA's), (104, 7436), (169, 7583), (196, 7655),

Gene: XFactor_8 Start: 6446, Stop: 6778, Start Num: 67

Candidate Starts for XFactor_8:

(Start: 67 @6446 has 242 MA's), (77, 6470), (87, 6488), (96, 6527), (101, 6548), (108, 6563), (113, 6581), (119, 6599), (130, 6623), (142, 6641), (149, 6653), (151, 6659), (165, 6689), (185, 6722),

Gene: Yorick_8 Start: 6443, Stop: 6772, Start Num: 67

Candidate Starts for Yorick_8:

(7, 6173), (31, 6350), (Start: 67 @6443 has 242 MA's), (77, 6467), (90, 6506), (99, 6539), (104, 6551), (110, 6572), (113, 6578), (114, 6581), (121, 6599), (130, 6620), (138, 6632), (149, 6650), (151, 6656), (156, 6668), (165, 6686), (173, 6695), (185, 6719), (190, 6737), (191, 6746), (192, 6749), (200, 6767),

Gene: Yoshi_10 Start: 6437, Stop: 6790, Start Num: 69

Candidate Starts for Yoshi_10:

(46, 6386), (48, 6392), (Start: 69 @6437 has 39 MA's), (80, 6467), (96, 6518), (135, 6623), (146, 6641), (160, 6674), (193, 6764),

Gene: Zapner_11 Start: 6962, Stop: 7315, Start Num: 69

Candidate Starts for Zapner_11:

(46, 6911), (48, 6917), (Start: 69 @6962 has 39 MA's), (80, 6992), (96, 7043), (135, 7148), (146, 7166), (160, 7199), (193, 7289),

Gene: Zerg_8 Start: 6444, Stop: 6773, Start Num: 67

Candidate Starts for Zerg_8:

(7, 6174), (31, 6351), (Start: 67 @6444 has 242 MA's), (77, 6468), (90, 6507), (99, 6540), (110, 6573), (113, 6579), (114, 6582), (121, 6600), (138, 6633), (149, 6651), (151, 6657), (156, 6669), (165, 6687), (173, 6696), (185, 6720), (191, 6747), (192, 6750), (200, 6768),

Gene: Zizzle_8 Start: 6447, Stop: 6776, Start Num: 67

Candidate Starts for Zizzle_8:

(7, 6177), (31, 6354), (Start: 67 @6447 has 242 MA's), (77, 6471), (90, 6510), (99, 6543), (104, 6555), (110, 6576), (113, 6582), (114, 6585), (121, 6603), (138, 6636), (149, 6654), (151, 6660), (156, 6672), (165, 6690), (173, 6699), (185, 6723), (190, 6741), (191, 6750), (192, 6753), (200, 6771),