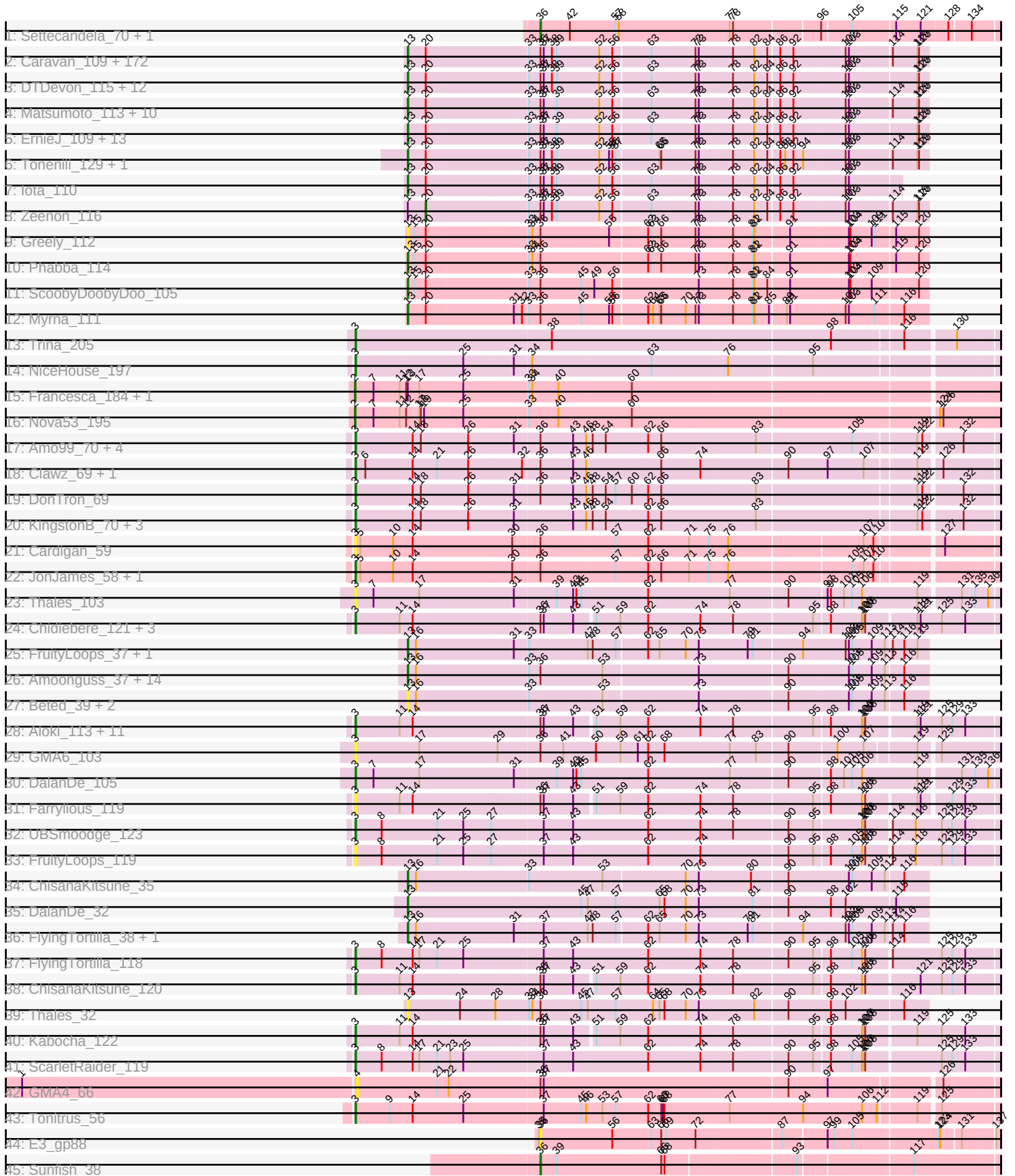


Pham 242317



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 242317 Report

This analysis was run 02/07/26 on database version 634.

Pham number 242317 has 296 members, 79 are drafts.

Phages represented in each track:

- Track 1 : Settecandela_70, Phrappuccino_70
- Track 2 : Caravan_109, I3_120, FoxtrotP1_115, Rocha_113, EmmaElysia_115, Pivoine_114, Essence_112, BadAgartude_111, LordLeafolot_119, Naval22_119, Darko_115, Fongie_112, SilverDipper_116, LRRHood_108, Audrick_117, Drazdys_113, JigglyPuff_122, Cleatunium_108, SVoro_112, InterFolia_121, Rizal_110, GlutenPhree_116, Ghost_113, Spud_114, ValleyTerrace_115, Melpomini_109, Shaqnato_108, Koguma_112, CharlieB_111, Burrough_115, Naija_114, Dietrick_107, RoMag_110, Grasshills_121, YemiJoy2021_116, ShiaLabeouf_114, Delylah_118, JayJay_120, ChaylaJr_110, CindyLou_116, Rahel_114, Mangeria_115, Bigswole_118, Colt_106, Delilah_115, ArcherS7_114, Flabslab_109, Pupusa_120, Dessert_111, EggYFarm_122, Maby2021_115, Momo_114, ET08_103, TinyTim_115, Bowman_111, Nappy_117, Loanshark_114, OrediggerDelux_112, Spec_110, FrayBell_120, Issimir_113, Gizmo_119, Breeniome_114, PharkleMinkus_118, Mikro_112, Tainan_118, Derek_114, Atlantean_114, Erdmann_115, BackyardAgain_112, Jemmno_115, Megamind_114, Cane17_105, Cali_110, Pier_119, Capablanca_117, Napoleon13_111, MikeLiesIn_116, Izajani_115, Jezreel_112, ZygoTaiga_113, Yucca_114, DrPhinkDaddy_114, SmallFry_115, Shnickers_115, LolaVinca_115, Ava3_116, Bread_114, Latch_115, Astraea_111, ChickenPhender_111, ScottMcG_111, NoodleTree_122, Shrimp_115, Blubba_105, Ading_115, Janiyr_117, Norm_116, JustHall_112, Kamryn_115, Phlegm_117, SrishMeg2525_114, Trinitium_112, MoMoMixon_115, Phusco_115, ParkTD_116, StephanieG_113, Ngannou_111, Zalkecks_116, Lethe_113, Adlitam_115, Tortoise16_112, Guwapp_114, Sauce_115, EmToTheThree_117, YoungMoneyMata_116, Salacia_119, Turret_110, NedWong_116, Gabriel_115, Bonray_115, Asterius_118, Substance289_112, Ewok_116, Blackbrain_110, Primadonna_108, Phox_112, Lunareta_113, Catera_111, Labradorite_113, McWolfish_113, NuevoMundo_120, Grungle_102, Jedediah_118, BeanWater_107, Willis_116, Lee7_112, Pio_119, LifeSavor_113, InigoMontoya_116, BigCity_122, Domi_108, LookingGlass_115, Wally_114, Pleione_118, Roots515_113, DirtMonster_109, Demodog_121, Amataga_115, Montpel_113, Concombre_120, BananaFence_114, Cactojaque_110, Bipolarisk_114, Tyke_115, Patter_115, Littleton_115, Bezza_103, Gamgam_115, Daffodil_120, PurduePete_115, JPickles_112, Nidhogg_116, Ablatia_114, Chomp_114, Bangla1971_116, Morizzled23_115, Babyland_116, Ronan_109, Khaleesi_114, Bxz1_112, StubbySaigey_118, Quasimodo_116
- Track 3 : DTDevon_115, Jessibeth14_114, Kboogie_119, EasyJones_117, Alice_107, Shelob_117, Pinkcreek_106, Specks_120, Belieber_110, Jaygup_115,

Stubby_107, Halldule_108, Teardrop_114

- Track 4 : Matsumoto_113, Blackdragon_110, Fixie_111, Sprinklers_111, QBert_109, Lukilu_105, Rabinovich_112, Duckfeet_107, JulietS_109, FudgeTart_113, IkeLoa_108

- Track 5 : ErnieJ_109, Yassified_112, Basquiat_111, Moiqah_105, Shifa_103, DeejaClivia_102, Chargie21_111, McGee_117, Sebata_115, Dandelion_120, BobaPhatt_110, Fludd_115, HyRo_105, LinStu_113

- Track 6 : Tonenili_129, Vortrix_128

- Track 7 : Iota_110

- Track 8 : Zeenon_116

- Track 9 : Greely_112

- Track 10 : Phabba_114

- Track 11 : ScoobyDoobyDoo_105

- Track 12 : Myrna_111

- Track 13 : Trina_205

- Track 14 : NiceHouse_197

- Track 15 : Francesca_184, Dorin_182

- Track 16 : Nova53_195

- Track 17 : Amo99_70, Sting_68, ColdSoup_70, Purplicious_68, Jollymon_69

- Track 18 : Clawz_69, Makar_70

- Track 19 : DonTron_69

- Track 20 : KingstonB_70, Grumio_69, Soos_65, Stillion_69

- Track 21 : Cardigan_59

- Track 22 : JonJames_58, Yvonnetastic_56

- Track 23 : Thales_103

- Track 24 : Chidiebere_121, Oogie_116, Lenoshki_117, Beted_117

- Track 25 : FruityLoops_37, UBSmoodge_40

- Track 26 : Amoonguss_37, Mikronejon_37, Schomber_38, EmoNemo_37, Hanem_39, Gray_39, Twin_37, Alok_37, Chidiebere_39, Farrylious_37, Pakusa_37, MintFritos_37, Argena_37, Kabocha_40, Toneprano_37

- Track 27 : Beted_39, Lenoshki_39, Oogie_39

- Track 28 : Alok_113, EmoNemo_114, Twin_116, Schomber_119, Hanem_120, Argena_120, Toneprano_118, Amoonguss_119, Gray_118, MintFritos_118, Pakusa_115, Mikronejon_116

- Track 29 : GMA6_103

- Track 30 : DalanDe_105

- Track 31 : Farrylious_119

- Track 32 : UBSmoodge_123

- Track 33 : FruityLoops_119

- Track 34 : ChisanaKitsune_35

- Track 35 : DalanDe_32

- Track 36 : FlyingTortilla_38, ScarletRaider_38

- Track 37 : FlyingTortilla_118

- Track 38 : ChisanaKitsune_120

- Track 39 : Thales_32

- Track 40 : Kabocha_122

- Track 41 : ScarletRaider_119

- Track 42 : GMA4_66

- Track 43 : Tonitrus_56

- Track 44 : E3_gp88

- Track 45 : Sunfish_38

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

The start number called the most often in the published annotations is 13, it was called in 190 of the 217 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ablatia_114, Ading_115, Adlitam_115, Alice_107, Alok_37, Amataga_115, Amoonguss_37, ArcherS7_114, Argena_37, Asterius_118, Astraea_111, Atlantean_114, Audrick_117, Ava3_116, Babyland_116, BackyardAgain_112, BadAgartude_111, BananaFence_114, Bangla1971_116, Basquiat_111, BeanWater_107, Belieber_110, Beted_39, Bezza_103, BigCity_122, Bigswole_118, Bipolarisk_114, Blackbrain_110, Blackdragon_110, Blubba_105, BobaPhatt_110, Bonray_115, Bowman_111, Bread_114, Breeniome_114, Burrough_115, Bxz1_112, Cactojaque_110, Cali_110, Cane17_105, Capablanca_117, Caravan_109, Catera_111, Chargie21_111, CharlieB_111, ChaylaJr_110, ChickenPhender_111, Chidiebere_39, ChisanaKitsune_35, Chomp_114, CindyLou_116, Cleatunium_108, Colt_106, Concombre_120, DTDevon_115, Daffodil_120, DalanDe_32, Dandelion_120, Darko_115, DeejaClivia_102, Delilah_115, Delylah_118, Demodog_121, Derek_114, Dessert_111, Dietrick_107, DirtMonster_109, Domi_108, DrPhinkDaddy_114, Drazdys_113, Duckfeet_107, ET08_103, EasyJones_117, EggyFarm_122, EmToTheThree_117, EmmaElysia_115, EmoNemo_37, Erdmann_115, ErnieJ_109, Essence_112, Ewok_116, Farrylous_37, Fixie_111, Flabslab_109, Fludd_115, FlyingTortilla_38, Fongie_112, FoxtrotP1_115, FrayBell_120, FruityLoops_37, FudgeTart_113, Gabriel_115, Gamgam_115, Ghost_113, Gizmo_119, GlutenPhree_116, Grasshills_121, Gray_39, Greely_112, Grungle_102, Guwapp_114, Halldule_108, Hanem_39, HyRo_105, I3_120, IkeLoa_108, InigoMontoya_116, InterFolia_121, Iota_110, Issimir_113, Izajani_115, JPickles_112, Janiyr_117, JayJay_120, Jaygup_115, Jedediah_118, Jemmno_115, Jessibeth14_114, Jezreel_112, JigglyPuff_122, JulietS_109, JustHall_112, Kabocha_40, Kamryn_115, Kboogie_119, Khaleesi_114, Koguma_112, LRRHood_108, Labradorite_113, Latch_115, Lee7_112, Lenoshki_39, Lethe_113, LifeSavor_113, LinStu_113, Littleton_115, Loanshark_114, LolaVinca_115, LookingGlass_115, LordLeafolot_119, Lukilu_105, Lunareta_113, Maby2021_115, Mangeria_115, Matsumoto_113, McGee_117, McWolfish_113, Megamind_114, Melpomini_109, MikeLiesIn_116, Mikro_112, Mikronejon_37, MintFritos_37, MoMoMixon_115, Moiqah_105, Momo_114, Montpel_113, Morizzled23_115, Myrna_111, Naija_114, Napoleon13_111, Nappy_117, Naval22_119, NedWong_116, Ngannou_111, Nidhogg_116, NoodleTree_122, Norm_116, NuevoMundo_120, Oogie_39, OrediggerDelux_112, Pakusa_37, ParkTD_116, Patter_115, Phabba_114, PharkleMinkus_118, Phlegm_117, Phox_112, Phusco_115, Pier_119, Pinkcreek_106, Pio_119, Pivoine_114, Pleione_118, Primadonna_108, Pupusa_120, PurduePete_115, QBert_109, Quasimodo_116, Rabinovich_112, Rahel_114, Rizal_110, RoMag_110, Rocha_113, Ronan_109, Roots515_113, SVoro_112, Salacia_119, Sauce_115, ScarletRaider_38, Schomber_38, ScoobyDoobyDoo_105, ScottMcG_111, Sebata_115, Shaqnato_108, Shelob_117, ShiaLabeouf_114, Shifa_103, Shnickers_115, Shrimp_115, SilverDipper_116, SmallFry_115, Spec_110, Specks_120, Sprinklers_111, Spud_114, SrishMeg2525_114, StephanieG_113, StubbySaigey_118, Stubby_107, Substance289_112, Tainan_118, Teardrop_114, Thales_32, TinyTim_115, Tonenili_129, Toneprano_37, Tortoise16_112, Trinitium_112, Turret_110, Twin_37, Tyke_115, UBSmoodge_40, ValleyTerrace_115, Vortrix_128, Wally_114, Willis_116, Yassified_112, YemiJoy2021_116, YoungMoneyMata_116, Yucca_114, Zalkecks_116, ZygoTaiga_113,

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

- Dorin_182, Francesca_184, Zeenon_116,

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

- Alok_113, Amo99_70, Amoonguss_119, Argena_120, Beted_117, Cardigan_59, Chidiebere_121, ChisanaKitsune_120, Clawz_69, ColdSoup_70, DalanDe_105, DonTron_69, E3_gp88, EmoNemo_114, Farlyious_119, FlyingTortilla_118, FruityLoops_119, GMA4_66, GMA6_103, Gray_118, Grumio_69, Hanem_120, Jollymon_69, JonJames_58, Kabocha_122, KingstonB_70, Lenoshki_117, Makar_70, Mikronejon_116, MintFritos_118, NiceHouse_197, Nova53_195, Oogie_116, Pakusa_115, Phrappuccino_70, Purplicious_68, ScarletRaider_119, Schomber_119, Settecandela_70, Soos_65, Stillion_69, Sting_68, Sunfish_38, Thales_103, Toneprano_118, Tonitrus_56, Trina_205, Twin_116, UBSmoodge_123, Yvonnestic_56,

Summary by start number:

Start 2:

- Found in 3 of 296 (1.0%) of genes in pham
- Manual Annotations of this start: 3 of 217
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Dorin_182 (CG), Francesca_184 (CG), Nova53_195 (CG),

Start 3:

- Found in 44 of 296 (14.9%) of genes in pham
- Manual Annotations of this start: 20 of 217
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alok_113 (DQ), Amo99_70 (CP), Amoonguss_119 (DQ), Argena_120 (DQ), Beted_117 (DQ), Cardigan_59 (DD), Chidiebere_121 (DQ), ChisanaKitsune_120 (DQ), Clawz_69 (CP), ColdSoup_70 (CP), DalanDe_105 (DQ), DonTron_69 (CP), EmoNemo_114 (DQ), Farlyious_119 (DQ), FlyingTortilla_118 (DQ), FruityLoops_119 (DQ), GMA6_103 (DQ), Gray_118 (DQ), Grumio_69 (CP), Hanem_120 (DQ), Jollymon_69 (CP), JonJames_58 (DD), Kabocha_122 (DQ), KingstonB_70 (CP), Lenoshki_117 (DQ), Makar_70 (CP), Mikronejon_116 (DQ), MintFritos_118 (DQ), NiceHouse_197 (CE), Oogie_116 (DQ), Pakusa_115 (DQ), Purplicious_68 (CP), ScarletRaider_119 (DQ), Schomber_119 (DQ), Soos_65 (CP), Stillion_69 (CP), Sting_68 (CP), Thales_103 (DQ), Toneprano_118 (DQ), Tonitrus_56 (singleton), Trina_205 (CE), Twin_116 (DQ), UBSmoodge_123 (DQ), Yvonnestic_56 (DD),

Start 4:

- Found in 1 of 296 (0.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: GMA4_66 (singleton),

Start 13:

- Found in 246 of 296 (83.1%) of genes in pham
- Manual Annotations of this start: 190 of 217
- Called 98.8% of time when present

• Phage (with cluster) where this start called: Ablatia_114 (C1), Ading_115 (C1), Adlitam_115 (C1), Alice_107 (C1), Alok_37 (DQ), Amataga_115 (C1), Amonguss_37 (DQ), ArcherS7_114 (C1), Argenta_37 (DQ), Asterius_118 (C1), Astraea_111 (C1), Atlantean_114 (C1), Audrick_117 (C1), Ava3_116 (C1), Babyland_116 (C1), BackyardAgain_112 (C1), BadAgartude_111 (C1), BananaFence_114 (C1), Bangla1971_116 (C1), Basquiat_111 (C1), BeanWater_107 (C1), Belieber_110 (C1), Beted_39 (DQ), Bezza_103 (C1), BigCity_122 (C1), Bigswale_118 (C1), Bipolarisk_114 (C1), Blackbrain_110 (C1), Blackdragon_110 (C1), Blubba_105 (C1), BobaPhatt_110 (C1), Bonray_115 (C1), Bowman_111 (C1), Bread_114 (C1), Breeniome_114 (C1), Burrough_115 (C1), Bxz1_112 (C1), Cactojaque_110 (C1), Cali_110 (C1), Cane17_105 (C1), Capablanca_117 (C1), Caravan_109 (C1), Catera_111 (C1), Chargie21_111 (C1), CharlieB_111 (C1), ChaylaJr_110 (C1), ChickenPhender_111 (C1), Chidiebere_39 (DQ), ChisanaKitsune_35 (DQ), Chomp_114 (C1), CindyLou_116 (C1), Cleatunium_108 (C1), Colt_106 (C1), Concombre_120 (C1), DTDevon_115 (C1), Daffodil_120 (C1), DalanDe_32 (DQ), Dandelion_120 (C1), Darko_115 (C1), DeejaClivia_102 (C1), Delilah_115 (C1), Delylah_118 (C1), Demodog_121 (C1), Derek_114 (C1), Dessert_111 (C1), Dietrick_107 (C1), DirtMonster_109 (C1), Domi_108 (C1), DrPhinkDaddy_114 (C1), Drazdys_113 (C1), Duckfeet_107 (C1), ET08_103 (C1), EasyJones_117 (C1), EggFarm_122 (C1), EmToTheThree_117 (C1), EmmaElysia_115 (C1), EmoNemo_37 (DQ), Erdmann_115 (C1), ErnieJ_109 (C1), Essence_112 (C1), Ewok_116 (C1), Farrylious_37 (DQ), Fixie_111 (C1), Flabslab_109 (C1), Fludd_115 (C1), FlyingTortilla_38 (DQ), Fongie_112 (C1), FoxtrotP1_115 (C1), FrayBell_120 (C1), FruityLoops_37 (DQ), FudgeTart_113 (C1), Gabriel_115 (C1), Gamgam_115 (C1), Ghost_113 (C1), Gizmo_119 (C1), GlutenPhree_116 (C1), Grasshills_121 (C1), Gray_39 (DQ), Greely_112 (C2), Grungle_102 (C1), Guwapp_114 (C1), Halldule_108 (C1), Hanem_39 (DQ), HyRo_105 (C1), I3_120 (C1), IkeLoa_108 (C1), InigoMontoya_116 (C1), InterFolia_121 (C1), Iota_110 (C1), Issimir_113 (C1), Izajani_115 (C1), JPickles_112 (C1), JaniYra_117 (C1), JayJay_120 (C1), Jaygup_115 (C1), Jedediah_118 (C1), Jemmno_115 (C1), Jessibeth14_114 (C1), Jezree_112 (C1), JigglyPuff_122 (C1), JulietS_109 (C1), JustHall_112 (C1), Kabocha_40 (DQ), Kamryn_115 (C1), Kboogie_119 (C1), Khaleesi_114 (C1), Koguma_112 (C1), LRRHood_108 (C1), Labradorite_113 (C1), Latch_115 (C1), Lee7_112 (C1), Lenoshki_39 (DQ), Lethe_113 (C1), LifeSavor_113 (C1), LinStu_113 (C1), Littleton_115 (C1), Loanshark_114 (C1), LolaVince_115 (C1), LookingGlass_115 (C1), LordLeafolot_119 (C1), Lukilu_105 (C1), Lunareta_113 (C1), Maby2021_115 (C1), Mangeria_115 (C1), Matsumoto_113 (C1), McGee_117 (C1), McWolfish_113 (C1), Megamind_114 (C1), Melpomini_109 (C1), MikeLiesIn_116 (C1), Mikro_112 (C1), Mikronejon_37 (DQ), MintFritos_37 (DQ), MoMoMixon_115 (C1), Moiqah_105 (C1), Momo_114 (C1), Montpel_113 (C1), Morizzled23_115 (C1), Myrna_111 (C2), Naija_114 (C1), Napoleon13_111 (C1), Nappy_117 (C1), Naval22_119 (C1), NedWong_116 (C1), Ngannou_111 (C1), Nidhogg_116 (C1), NoodleTree_122 (C1), Norm_116 (C1), NuevoMundo_120 (C1), Oogie_39 (DQ), OrediggerDelux_112 (C1), Pakusa_37 (DQ), ParkTD_116 (C1), Patter_115 (C1), Phabba_114 (C2), PharkleMinkus_118 (C1), Phlegm_117 (C1), Phox_112 (C1), Phusco_115 (C1), Pier_119 (C1), Pinkcreek_106 (C1), Pio_119 (C1), Pivoine_114 (C1), Pleione_118 (C1), Primadonna_108 (C1), Pupusa_120 (C1), PurduePete_115 (C1), QBert_109 (C1), Quasimodo_116 (C1), Rabinovich_112 (C1), Rahel_114 (C1), Rizal_110 (C1), RoMag_110 (C1), Rocha_113 (C1), Ronan_109 (C1), Roots515_113 (C1), SVoro_112 (C1), Salacia_119 (C1), Sauce_115 (C1), ScarletRaider_38 (DQ), Schomber_38 (DQ), ScoobyDoobyDoo_105 (C2), ScottMcG_111 (C1), Sebata_115 (C1), Shaqnato_108 (C1), Shelob_117 (C1), ShiaLabeouf_114 (C1), Shifa_103 (C1), Shnickers_115 (C1),

Shrimp_115 (C1), SilverDipper_116 (C1), SmallFry_115 (C1), Spec_110 (C1), Specks_120 (C1), Sprinklers_111 (C1), Spud_114 (C1), SrishMeg2525_114 (C1), StephanieG_113 (C1), StubbySaigey_118 (C1), Stubby_107 (C1), Substance289_112 (C1), Tainan_118 (C1), Teardrop_114 (C1), Thales_32 (DQ), TinyTim_115 (C1), Tonenili_129 (C1), Toneprano_37 (DQ), Tortoise16_112 (C1), Trinitium_112 (C1), Turret_110 (C1), Twin_37 (DQ), Tyke_115 (C1), UBSmoodge_40 (DQ), ValleyTerrace_115 (C1), Vortrix_128 (C1), Wally_114 (C1), Willis_116 (C1), Yassified_112 (C1), YemiJoy2021_116 (C1), YoungMoneyMata_116 (C1), Yucca_114 (C1), Zalkecks_116 (C1), ZygoTaiga_113 (C1),

Start 20:

- Found in 219 of 296 (74.0%) of genes in pham
- Manual Annotations of this start: 1 of 217
- Called 0.5% of time when present
- Phage (with cluster) where this start called: Zeenon_116 (C1),

Start 36:

- Found in 271 of 296 (91.6%) of genes in pham
- Manual Annotations of this start: 3 of 217
- Called 1.5% of time when present
- Phage (with cluster) where this start called: E3_gp88 (singleton), Phrappuccino_70 (AA), Settecandela_70 (AA), Sunfish_38 (singleton),

Summary by clusters:

There are 9 clusters represented in this pham: AA, singleton, DD, CG, CE, C2, C1, CP, DQ,

Info for manual annotations of cluster AA:

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

Info for manual annotations of cluster C1:

- Start number 13 was manually annotated 177 times for cluster C1.
- Start number 20 was manually annotated 1 time for cluster C1.

Info for manual annotations of cluster C2:

- Start number 13 was manually annotated 3 times for cluster C2.

Info for manual annotations of cluster CE:

- Start number 3 was manually annotated 2 times for cluster CE.

Info for manual annotations of cluster CG:

- Start number 2 was manually annotated 3 times for cluster CG.

Info for manual annotations of cluster CP:

- Start number 3 was manually annotated 5 times for cluster CP.

Info for manual annotations of cluster DD:

- Start number 3 was manually annotated 2 times for cluster DD.

Info for manual annotations of cluster DQ:

- Start number 3 was manually annotated 10 times for cluster DQ.
- Start number 13 was manually annotated 10 times for cluster DQ.

Gene Information:

Gene: Ablatia_114 Start: 57991, Stop: 58896, Start Num: 13

Candidate Starts for Ablatia_114:

(Start: 13 @57991 has 190 MA's), (Start: 20 @58024 has 1 MA's), (33, 58204), (Start: 36 @58225 has 3 MA's), (37, 58231), (38, 58246), (39, 58255), (52, 58333), (56, 58357), (63, 58420), (72, 58501), (73, 58507), (78, 58567), (82, 58603), (84, 58621), (86, 58639), (92, 58660), (102, 58753), (103, 58759), (114, 58831), (119, 58876), (120, 58879),

Gene: Ading_115 Start: 58375, Stop: 59280, Start Num: 13

Candidate Starts for Ading_115:

(Start: 13 @58375 has 190 MA's), (Start: 20 @58408 has 1 MA's), (33, 58588), (Start: 36 @58609 has 3 MA's), (37, 58615), (38, 58630), (39, 58639), (52, 58717), (56, 58741), (63, 58804), (72, 58885), (73, 58891), (78, 58951), (82, 58987), (84, 59005), (86, 59023), (92, 59044), (102, 59137), (103, 59143), (114, 59215), (119, 59260), (120, 59263),

Gene: Adlitam_115 Start: 58392, Stop: 59297, Start Num: 13

Candidate Starts for Adlitam_115:

(Start: 13 @58392 has 190 MA's), (Start: 20 @58425 has 1 MA's), (33, 58605), (Start: 36 @58626 has 3 MA's), (37, 58632), (38, 58647), (39, 58656), (52, 58734), (56, 58758), (63, 58821), (72, 58902), (73, 58908), (78, 58968), (82, 59004), (84, 59022), (86, 59040), (92, 59061), (102, 59154), (103, 59160), (114, 59232), (119, 59277), (120, 59280),

Gene: Alice_107 Start: 57670, Stop: 58575, Start Num: 13

Candidate Starts for Alice_107:

(Start: 13 @57670 has 190 MA's), (Start: 20 @57703 has 1 MA's), (33, 57883), (Start: 36 @57904 has 3 MA's), (37, 57910), (38, 57925), (39, 57934), (52, 58012), (56, 58036), (63, 58099), (72, 58180), (73, 58186), (78, 58246), (82, 58282), (84, 58300), (86, 58318), (92, 58339), (102, 58432), (103, 58438), (119, 58555), (120, 58558),

Gene: Alok_113 Start: 83632, Stop: 84753, Start Num: 3

Candidate Starts for Alok_113:

(Start: 3 @83632 has 20 MA's), (11, 83713), (14, 83737), (Start: 36 @83965 has 3 MA's), (37, 83971), (43, 84025), (51, 84058), (59, 84100), (62, 84148), (74, 84241), (78, 84298), (95, 84433), (98, 84460), (106, 84517), (107, 84520), (108, 84523), (119, 84610), (121, 84616), (125, 84655), (129, 84673), (133, 84697),

Gene: Alok_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Alok_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Amataga_115 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Amataga_115:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Amo99_70 Start: 45774, Stop: 46889, Start Num: 3

Candidate Starts for Amo99_70:

(Start: 3 @45774 has 20 MA's), (14, 45876), (18, 45891), (26, 45978), (31, 46059), (Start: 36 @46104 has 3 MA's), (43, 46164), (46, 46188), (48, 46197), (54, 46221), (62, 46296), (66, 46320), (83, 46485), (105, 46653), (119, 46758), (122, 46767), (132, 46830),

Gene: Amoonguss_37 Start: 27703, Stop: 28611, Start Num: 13

Candidate Starts for Amoonguss_37:

(Start: 13 @27703 has 190 MA's), (16, 27718), (33, 27919), (Start: 36 @27940 has 3 MA's), (53, 28054), (73, 28219), (90, 28366), (103, 28474), (105, 28480), (109, 28516), (113, 28537), (116, 28567),

Gene: Amoonguss_119 Start: 84265, Stop: 85386, Start Num: 3

Candidate Starts for Amoonguss_119:

(Start: 3 @84265 has 20 MA's), (11, 84346), (14, 84370), (Start: 36 @84598 has 3 MA's), (37, 84604), (43, 84658), (51, 84691), (59, 84733), (62, 84781), (74, 84874), (78, 84931), (95, 85066), (98, 85093), (106, 85150), (107, 85153), (108, 85156), (119, 85243), (121, 85249), (125, 85288), (129, 85306), (133, 85330),

Gene: ArcherS7_114 Start: 57955, Stop: 58860, Start Num: 13

Candidate Starts for ArcherS7_114:

(Start: 13 @57955 has 190 MA's), (Start: 20 @57988 has 1 MA's), (33, 58168), (Start: 36 @58189 has 3 MA's), (37, 58195), (38, 58210), (39, 58219), (52, 58297), (56, 58321), (63, 58384), (72, 58465), (73, 58471), (78, 58531), (82, 58567), (84, 58585), (86, 58603), (92, 58624), (102, 58717), (103, 58723), (114, 58795), (119, 58840), (120, 58843),

Gene: Argena_120 Start: 84681, Stop: 85802, Start Num: 3

Candidate Starts for Argena_120:

(Start: 3 @84681 has 20 MA's), (11, 84762), (14, 84786), (Start: 36 @85014 has 3 MA's), (37, 85020), (43, 85074), (51, 85107), (59, 85149), (62, 85197), (74, 85290), (78, 85347), (95, 85482), (98, 85509), (106, 85566), (107, 85569), (108, 85572), (119, 85659), (121, 85665), (125, 85704), (129, 85722), (133, 85746),

Gene: Argena_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Argena_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Asterius_118 Start: 58631, Stop: 59536, Start Num: 13

Candidate Starts for Asterius_118:

(Start: 13 @58631 has 190 MA's), (Start: 20 @58664 has 1 MA's), (33, 58844), (Start: 36 @58865 has 3 MA's), (37, 58871), (38, 58886), (39, 58895), (52, 58973), (56, 58997), (63, 59060), (72, 59141), (73, 59147), (78, 59207), (82, 59243), (84, 59261), (86, 59279), (92, 59300), (102, 59393), (103, 59399), (114, 59471), (119, 59516), (120, 59519),

Gene: Astraea_111 Start: 57406, Stop: 58311, Start Num: 13

Candidate Starts for Astraea_111:

(Start: 13 @57406 has 190 MA's), (Start: 20 @57439 has 1 MA's), (33, 57619), (Start: 36 @57640 has 3 MA's), (37, 57646), (38, 57661), (39, 57670), (52, 57748), (56, 57772), (63, 57835), (72, 57916), (73, 57922), (78, 57982), (82, 58018), (84, 58036), (86, 58054), (92, 58075), (102, 58168), (103, 58174), (114, 58246), (119, 58291), (120, 58294),

Gene: Atlantean_114 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Atlantean_114:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Audrick_117 Start: 57616, Stop: 58521, Start Num: 13

Candidate Starts for Audrick_117:

(Start: 13 @57616 has 190 MA's), (Start: 20 @57649 has 1 MA's), (33, 57829), (Start: 36 @57850 has 3 MA's), (37, 57856), (38, 57871), (39, 57880), (52, 57958), (56, 57982), (63, 58045), (72, 58126), (73, 58132), (78, 58192), (82, 58228), (84, 58246), (86, 58264), (92, 58285), (102, 58378), (103, 58384), (114, 58456), (119, 58501), (120, 58504),

Gene: Ava3_116 Start: 58550, Stop: 59455, Start Num: 13

Candidate Starts for Ava3_116:

(Start: 13 @58550 has 190 MA's), (Start: 20 @58583 has 1 MA's), (33, 58763), (Start: 36 @58784 has 3 MA's), (37, 58790), (38, 58805), (39, 58814), (52, 58892), (56, 58916), (63, 58979), (72, 59060), (73, 59066), (78, 59126), (82, 59162), (84, 59180), (86, 59198), (92, 59219), (102, 59312), (103, 59318), (114, 59390), (119, 59435), (120, 59438),

Gene: Babyland_116 Start: 57725, Stop: 58630, Start Num: 13

Candidate Starts for Babyland_116:

(Start: 13 @57725 has 190 MA's), (Start: 20 @57758 has 1 MA's), (33, 57938), (Start: 36 @57959 has 3 MA's), (37, 57965), (38, 57980), (39, 57989), (52, 58067), (56, 58091), (63, 58154), (72, 58235), (73, 58241), (78, 58301), (82, 58337), (84, 58355), (86, 58373), (92, 58394), (102, 58487), (103, 58493), (114, 58565), (119, 58610), (120, 58613),

Gene: BackyardAgain_112 Start: 57553, Stop: 58458, Start Num: 13

Candidate Starts for BackyardAgain_112:

(Start: 13 @57553 has 190 MA's), (Start: 20 @57586 has 1 MA's), (33, 57766), (Start: 36 @57787 has 3 MA's), (37, 57793), (38, 57808), (39, 57817), (52, 57895), (56, 57919), (63, 57982), (72, 58063), (73, 58069), (78, 58129), (82, 58165), (84, 58183), (86, 58201), (92, 58222), (102, 58315), (103, 58321), (114, 58393), (119, 58438), (120, 58441),

Gene: BadAgartude_111 Start: 58842, Stop: 59747, Start Num: 13

Candidate Starts for BadAgartude_111:

(Start: 13 @58842 has 190 MA's), (Start: 20 @58875 has 1 MA's), (33, 59055), (Start: 36 @59076 has 3 MA's), (37, 59082), (38, 59097), (39, 59106), (52, 59184), (56, 59208), (63, 59271), (72, 59352), (73, 59358), (78, 59418), (82, 59454), (84, 59472), (86, 59490), (92, 59511), (102, 59604), (103, 59610), (114, 59682), (119, 59727), (120, 59730),

Gene: BananaFence_114 Start: 58806, Stop: 59711, Start Num: 13

Candidate Starts for BananaFence_114:

(Start: 13 @58806 has 190 MA's), (Start: 20 @58839 has 1 MA's), (33, 59019), (Start: 36 @59040 has 3 MA's), (37, 59046), (38, 59061), (39, 59070), (52, 59148), (56, 59172), (63, 59235), (72, 59316), (73, 59322), (78, 59382), (82, 59418), (84, 59436), (86, 59454), (92, 59475), (102, 59568), (103, 59574), (114, 59646), (119, 59691), (120, 59694),

Gene: Bangla1971_116 Start: 58085, Stop: 58990, Start Num: 13

Candidate Starts for Bangla1971_116:

(Start: 13 @58085 has 190 MA's), (Start: 20 @58118 has 1 MA's), (33, 58298), (Start: 36 @58319 has 3 MA's), (37, 58325), (38, 58340), (39, 58349), (52, 58427), (56, 58451), (63, 58514), (72, 58595), (73,

58601), (78, 58661), (82, 58697), (84, 58715), (86, 58733), (92, 58754), (102, 58847), (103, 58853), (114, 58925), (119, 58970), (120, 58973),

Gene: Basquiat_111 Start: 57269, Stop: 58174, Start Num: 13

Candidate Starts for Basquiat_111:

(Start: 13 @57269 has 190 MA's), (Start: 20 @57302 has 1 MA's), (33, 57482), (Start: 36 @57503 has 3 MA's), (37, 57509), (39, 57533), (52, 57611), (56, 57635), (63, 57698), (72, 57779), (73, 57785), (78, 57845), (82, 57881), (84, 57899), (86, 57917), (92, 57938), (102, 58031), (103, 58037), (119, 58154), (120, 58157),

Gene: BeanWater_107 Start: 58404, Stop: 59309, Start Num: 13

Candidate Starts for BeanWater_107:

(Start: 13 @58404 has 190 MA's), (Start: 20 @58437 has 1 MA's), (33, 58617), (Start: 36 @58638 has 3 MA's), (37, 58644), (38, 58659), (39, 58668), (52, 58746), (56, 58770), (63, 58833), (72, 58914), (73, 58920), (78, 58980), (82, 59016), (84, 59034), (86, 59052), (92, 59073), (102, 59166), (103, 59172), (114, 59244), (119, 59289), (120, 59292),

Gene: Belieber_110 Start: 57869, Stop: 58774, Start Num: 13

Candidate Starts for Belieber_110:

(Start: 13 @57869 has 190 MA's), (Start: 20 @57902 has 1 MA's), (33, 58082), (Start: 36 @58103 has 3 MA's), (37, 58109), (38, 58124), (39, 58133), (52, 58211), (56, 58235), (63, 58298), (72, 58379), (73, 58385), (78, 58445), (82, 58481), (84, 58499), (86, 58517), (92, 58538), (102, 58631), (103, 58637), (119, 58754), (120, 58757),

Gene: Beted_39 Start: 29380, Stop: 30288, Start Num: 13

Candidate Starts for Beted_39:

(Start: 13 @29380 has 190 MA's), (16, 29395), (33, 29596), (53, 29731), (73, 29896), (90, 30043), (103, 30151), (105, 30157), (109, 30193), (113, 30214), (116, 30244),

Gene: Beted_117 Start: 85545, Stop: 86666, Start Num: 3

Candidate Starts for Beted_117:

(Start: 3 @85545 has 20 MA's), (11, 85626), (14, 85650), (Start: 36 @85878 has 3 MA's), (37, 85884), (43, 85938), (51, 85971), (59, 86013), (62, 86061), (74, 86154), (78, 86211), (95, 86346), (98, 86373), (106, 86430), (107, 86433), (108, 86436), (119, 86523), (121, 86529), (125, 86568), (133, 86610),

Gene: Bezza_103 Start: 57834, Stop: 58739, Start Num: 13

Candidate Starts for Bezza_103:

(Start: 13 @57834 has 190 MA's), (Start: 20 @57867 has 1 MA's), (33, 58047), (Start: 36 @58068 has 3 MA's), (37, 58074), (38, 58089), (39, 58098), (52, 58176), (56, 58200), (63, 58263), (72, 58344), (73, 58350), (78, 58410), (82, 58446), (84, 58464), (86, 58482), (92, 58503), (102, 58596), (103, 58602), (114, 58674), (119, 58719), (120, 58722),

Gene: BigCity_122 Start: 61066, Stop: 61971, Start Num: 13

Candidate Starts for BigCity_122:

(Start: 13 @61066 has 190 MA's), (Start: 20 @61099 has 1 MA's), (33, 61279), (Start: 36 @61300 has 3 MA's), (37, 61306), (38, 61321), (39, 61330), (52, 61408), (56, 61432), (63, 61495), (72, 61576), (73, 61582), (78, 61642), (82, 61678), (84, 61696), (86, 61714), (92, 61735), (102, 61828), (103, 61834), (114, 61906), (119, 61951), (120, 61954),

Gene: Bigswole_118 Start: 60351, Stop: 61256, Start Num: 13

Candidate Starts for Bigswole_118:

(Start: 13 @60351 has 190 MA's), (Start: 20 @60384 has 1 MA's), (33, 60564), (Start: 36 @60585 has 3 MA's), (37, 60591), (38, 60606), (39, 60615), (52, 60693), (56, 60717), (63, 60780), (72, 60861), (73,

60867), (78, 60927), (82, 60963), (84, 60981), (86, 60999), (92, 61020), (102, 61113), (103, 61119), (114, 61191), (119, 61236), (120, 61239),

Gene: Bipolarisk_114 Start: 58808, Stop: 59713, Start Num: 13

Candidate Starts for Bipolarisk_114:

(Start: 13 @58808 has 190 MA's), (Start: 20 @58841 has 1 MA's), (33, 59021), (Start: 36 @59042 has 3 MA's), (37, 59048), (38, 59063), (39, 59072), (52, 59150), (56, 59174), (63, 59237), (72, 59318), (73, 59324), (78, 59384), (82, 59420), (84, 59438), (86, 59456), (92, 59477), (102, 59570), (103, 59576), (114, 59648), (119, 59693), (120, 59696),

Gene: Blackbrain_110 Start: 57100, Stop: 58005, Start Num: 13

Candidate Starts for Blackbrain_110:

(Start: 13 @57100 has 190 MA's), (Start: 20 @57133 has 1 MA's), (33, 57313), (Start: 36 @57334 has 3 MA's), (37, 57340), (38, 57355), (39, 57364), (52, 57442), (56, 57466), (63, 57529), (72, 57610), (73, 57616), (78, 57676), (82, 57712), (84, 57730), (86, 57748), (92, 57769), (102, 57862), (103, 57868), (114, 57940), (119, 57985), (120, 57988),

Gene: Blackdragon_110 Start: 58233, Stop: 59138, Start Num: 13

Candidate Starts for Blackdragon_110:

(Start: 13 @58233 has 190 MA's), (Start: 20 @58266 has 1 MA's), (33, 58446), (Start: 36 @58467 has 3 MA's), (37, 58473), (39, 58497), (52, 58575), (56, 58599), (63, 58662), (72, 58743), (73, 58749), (78, 58809), (82, 58845), (84, 58863), (86, 58881), (92, 58902), (102, 58995), (103, 59001), (114, 59073), (119, 59118), (120, 59121),

Gene: Blubba_105 Start: 58839, Stop: 59744, Start Num: 13

Candidate Starts for Blubba_105:

(Start: 13 @58839 has 190 MA's), (Start: 20 @58872 has 1 MA's), (33, 59052), (Start: 36 @59073 has 3 MA's), (37, 59079), (38, 59094), (39, 59103), (52, 59181), (56, 59205), (63, 59268), (72, 59349), (73, 59355), (78, 59415), (82, 59451), (84, 59469), (86, 59487), (92, 59508), (102, 59601), (103, 59607), (114, 59679), (119, 59724), (120, 59727),

Gene: BobaPhatt_110 Start: 57158, Stop: 58063, Start Num: 13

Candidate Starts for BobaPhatt_110:

(Start: 13 @57158 has 190 MA's), (Start: 20 @57191 has 1 MA's), (33, 57371), (Start: 36 @57392 has 3 MA's), (37, 57398), (39, 57422), (52, 57500), (56, 57524), (63, 57587), (72, 57668), (73, 57674), (78, 57734), (82, 57770), (84, 57788), (86, 57806), (92, 57827), (102, 57920), (103, 57926), (119, 58043), (120, 58046),

Gene: Bonray_115 Start: 58981, Stop: 59886, Start Num: 13

Candidate Starts for Bonray_115:

(Start: 13 @58981 has 190 MA's), (Start: 20 @59014 has 1 MA's), (33, 59194), (Start: 36 @59215 has 3 MA's), (37, 59221), (38, 59236), (39, 59245), (52, 59323), (56, 59347), (63, 59410), (72, 59491), (73, 59497), (78, 59557), (82, 59593), (84, 59611), (86, 59629), (92, 59650), (102, 59743), (103, 59749), (114, 59821), (119, 59866), (120, 59869),

Gene: Bowman_111 Start: 58542, Stop: 59447, Start Num: 13

Candidate Starts for Bowman_111:

(Start: 13 @58542 has 190 MA's), (Start: 20 @58575 has 1 MA's), (33, 58755), (Start: 36 @58776 has 3 MA's), (37, 58782), (38, 58797), (39, 58806), (52, 58884), (56, 58908), (63, 58971), (72, 59052), (73, 59058), (78, 59118), (82, 59154), (84, 59172), (86, 59190), (92, 59211), (102, 59304), (103, 59310), (114, 59382), (119, 59427), (120, 59430),

Gene: Bread_114 Start: 58636, Stop: 59541, Start Num: 13

Candidate Starts for Bread_114:

(Start: 13 @58636 has 190 MA's), (Start: 20 @58669 has 1 MA's), (33, 58849), (Start: 36 @58870 has 3 MA's), (37, 58876), (38, 58891), (39, 58900), (52, 58978), (56, 59002), (63, 59065), (72, 59146), (73, 59152), (78, 59212), (82, 59248), (84, 59266), (86, 59284), (92, 59305), (102, 59398), (103, 59404), (114, 59476), (119, 59521), (120, 59524),

Gene: Breeniome_114 Start: 56984, Stop: 57889, Start Num: 13

Candidate Starts for Breeniome_114:

(Start: 13 @56984 has 190 MA's), (Start: 20 @57017 has 1 MA's), (33, 57197), (Start: 36 @57218 has 3 MA's), (37, 57224), (38, 57239), (39, 57248), (52, 57326), (56, 57350), (63, 57413), (72, 57494), (73, 57500), (78, 57560), (82, 57596), (84, 57614), (86, 57632), (92, 57653), (102, 57746), (103, 57752), (114, 57824), (119, 57869), (120, 57872),

Gene: Burrough_115 Start: 59135, Stop: 60040, Start Num: 13

Candidate Starts for Burrough_115:

(Start: 13 @59135 has 190 MA's), (Start: 20 @59168 has 1 MA's), (33, 59348), (Start: 36 @59369 has 3 MA's), (37, 59375), (38, 59390), (39, 59399), (52, 59477), (56, 59501), (63, 59564), (72, 59645), (73, 59651), (78, 59711), (82, 59747), (84, 59765), (86, 59783), (92, 59804), (102, 59897), (103, 59903), (114, 59975), (119, 60020), (120, 60023),

Gene: Bxz1_112 Start: 60338, Stop: 61243, Start Num: 13

Candidate Starts for Bxz1_112:

(Start: 13 @60338 has 190 MA's), (Start: 20 @60371 has 1 MA's), (33, 60551), (Start: 36 @60572 has 3 MA's), (37, 60578), (38, 60593), (39, 60602), (52, 60680), (56, 60704), (63, 60767), (72, 60848), (73, 60854), (78, 60914), (82, 60950), (84, 60968), (86, 60986), (92, 61007), (102, 61100), (103, 61106), (114, 61178), (119, 61223), (120, 61226),

Gene: Cactojaque_110 Start: 57207, Stop: 58112, Start Num: 13

Candidate Starts for Cactojaque_110:

(Start: 13 @57207 has 190 MA's), (Start: 20 @57240 has 1 MA's), (33, 57420), (Start: 36 @57441 has 3 MA's), (37, 57447), (38, 57462), (39, 57471), (52, 57549), (56, 57573), (63, 57636), (72, 57717), (73, 57723), (78, 57783), (82, 57819), (84, 57837), (86, 57855), (92, 57876), (102, 57969), (103, 57975), (114, 58047), (119, 58092), (120, 58095),

Gene: Cali_110 Start: 59137, Stop: 60042, Start Num: 13

Candidate Starts for Cali_110:

(Start: 13 @59137 has 190 MA's), (Start: 20 @59170 has 1 MA's), (33, 59350), (Start: 36 @59371 has 3 MA's), (37, 59377), (38, 59392), (39, 59401), (52, 59479), (56, 59503), (63, 59566), (72, 59647), (73, 59653), (78, 59713), (82, 59749), (84, 59767), (86, 59785), (92, 59806), (102, 59899), (103, 59905), (114, 59977), (119, 60022), (120, 60025),

Gene: Cane17_105 Start: 58897, Stop: 59802, Start Num: 13

Candidate Starts for Cane17_105:

(Start: 13 @58897 has 190 MA's), (Start: 20 @58930 has 1 MA's), (33, 59110), (Start: 36 @59131 has 3 MA's), (37, 59137), (38, 59152), (39, 59161), (52, 59239), (56, 59263), (63, 59326), (72, 59407), (73, 59413), (78, 59473), (82, 59509), (84, 59527), (86, 59545), (92, 59566), (102, 59659), (103, 59665), (114, 59737), (119, 59782), (120, 59785),

Gene: Capablanca_117 Start: 59387, Stop: 60292, Start Num: 13

Candidate Starts for Capablanca_117:

(Start: 13 @59387 has 190 MA's), (Start: 20 @59420 has 1 MA's), (33, 59600), (Start: 36 @59621 has 3 MA's), (37, 59627), (38, 59642), (39, 59651), (52, 59729), (56, 59753), (63, 59816), (72, 59897), (73, 59903), (78, 59963), (82, 59999), (84, 60017), (86, 60035), (92, 60056), (102, 60149), (103, 60155),

(114, 60227), (119, 60272), (120, 60275),

Gene: Caravan_109 Start: 58494, Stop: 59399, Start Num: 13

Candidate Starts for Caravan_109:

(Start: 13 @58494 has 190 MA's), (Start: 20 @58527 has 1 MA's), (33, 58707), (Start: 36 @58728 has 3 MA's), (37, 58734), (38, 58749), (39, 58758), (52, 58836), (56, 58860), (63, 58923), (72, 59004), (73, 59010), (78, 59070), (82, 59106), (84, 59124), (86, 59142), (92, 59163), (102, 59256), (103, 59262), (114, 59334), (119, 59379), (120, 59382),

Gene: Cardigan_59 Start: 41819, Stop: 42925, Start Num: 3

Candidate Starts for Cardigan_59:

(Start: 3 @41819 has 20 MA's), (5, 41828), (10, 41888), (14, 41921), (30, 42101), (Start: 36 @42149 has 3 MA's), (57, 42284), (62, 42341), (71, 42413), (75, 42446), (76, 42479), (107, 42710), (110, 42728), (127, 42833),

Gene: Catera_111 Start: 57411, Stop: 58316, Start Num: 13

Candidate Starts for Catera_111:

(Start: 13 @57411 has 190 MA's), (Start: 20 @57444 has 1 MA's), (33, 57624), (Start: 36 @57645 has 3 MA's), (37, 57651), (38, 57666), (39, 57675), (52, 57753), (56, 57777), (63, 57840), (72, 57921), (73, 57927), (78, 57987), (82, 58023), (84, 58041), (86, 58059), (92, 58080), (102, 58173), (103, 58179), (114, 58251), (119, 58296), (120, 58299),

Gene: Chargie21_111 Start: 57269, Stop: 58174, Start Num: 13

Candidate Starts for Chargie21_111:

(Start: 13 @57269 has 190 MA's), (Start: 20 @57302 has 1 MA's), (33, 57482), (Start: 36 @57503 has 3 MA's), (37, 57509), (39, 57533), (52, 57611), (56, 57635), (63, 57698), (72, 57779), (73, 57785), (78, 57845), (82, 57881), (84, 57899), (86, 57917), (92, 57938), (102, 58031), (103, 58037), (119, 58154), (120, 58157),

Gene: CharlieB_111 Start: 57541, Stop: 58446, Start Num: 13

Candidate Starts for CharlieB_111:

(Start: 13 @57541 has 190 MA's), (Start: 20 @57574 has 1 MA's), (33, 57754), (Start: 36 @57775 has 3 MA's), (37, 57781), (38, 57796), (39, 57805), (52, 57883), (56, 57907), (63, 57970), (72, 58051), (73, 58057), (78, 58117), (82, 58153), (84, 58171), (86, 58189), (92, 58210), (102, 58303), (103, 58309), (114, 58381), (119, 58426), (120, 58429),

Gene: ChaylaJr_110 Start: 57033, Stop: 57938, Start Num: 13

Candidate Starts for ChaylaJr_110:

(Start: 13 @57033 has 190 MA's), (Start: 20 @57066 has 1 MA's), (33, 57246), (Start: 36 @57267 has 3 MA's), (37, 57273), (38, 57288), (39, 57297), (52, 57375), (56, 57399), (63, 57462), (72, 57543), (73, 57549), (78, 57609), (82, 57645), (84, 57663), (86, 57681), (92, 57702), (102, 57795), (103, 57801), (114, 57873), (119, 57918), (120, 57921),

Gene: ChickenPhender_111 Start: 57336, Stop: 58241, Start Num: 13

Candidate Starts for ChickenPhender_111:

(Start: 13 @57336 has 190 MA's), (Start: 20 @57369 has 1 MA's), (33, 57549), (Start: 36 @57570 has 3 MA's), (37, 57576), (38, 57591), (39, 57600), (52, 57678), (56, 57702), (63, 57765), (72, 57846), (73, 57852), (78, 57912), (82, 57948), (84, 57966), (86, 57984), (92, 58005), (102, 58098), (103, 58104), (114, 58176), (119, 58221), (120, 58224),

Gene: Chidiebere_121 Start: 84762, Stop: 85883, Start Num: 3

Candidate Starts for Chidiebere_121:

(Start: 3 @84762 has 20 MA's), (11, 84843), (14, 84867), (Start: 36 @85095 has 3 MA's), (37, 85101), (43, 85155), (51, 85188), (59, 85230), (62, 85278), (74, 85371), (78, 85428), (95, 85563), (98, 85590), (106, 85647), (107, 85650), (108, 85653), (119, 85740), (121, 85746), (125, 85785), (133, 85827),

Gene: Chidiebere_39 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Chidiebere_39:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: ChisanaKitsune_35 Start: 26493, Stop: 27401, Start Num: 13

Candidate Starts for ChisanaKitsune_35:

(Start: 13 @26493 has 190 MA's), (16, 26508), (33, 26709), (53, 26844), (70, 26985), (73, 27009), (80, 27102), (90, 27156), (103, 27264), (105, 27270), (109, 27306), (113, 27327), (116, 27357),

Gene: ChisanaKitsune_120 Start: 83778, Stop: 84899, Start Num: 3

Candidate Starts for ChisanaKitsune_120:

(Start: 3 @83778 has 20 MA's), (11, 83859), (14, 83883), (Start: 36 @84111 has 3 MA's), (37, 84117), (43, 84171), (51, 84204), (59, 84246), (62, 84294), (74, 84387), (78, 84444), (95, 84579), (98, 84606), (106, 84663), (108, 84669), (121, 84762), (125, 84801), (129, 84819), (133, 84843),

Gene: Chomp_114 Start: 58926, Stop: 59831, Start Num: 13

Candidate Starts for Chomp_114:

(Start: 13 @58926 has 190 MA's), (Start: 20 @58959 has 1 MA's), (33, 59139), (Start: 36 @59160 has 3 MA's), (37, 59166), (38, 59181), (39, 59190), (52, 59268), (56, 59292), (63, 59355), (72, 59436), (73, 59442), (78, 59502), (82, 59538), (84, 59556), (86, 59574), (92, 59595), (102, 59688), (103, 59694), (114, 59766), (119, 59811), (120, 59814),

Gene: CindyLou_116 Start: 58966, Stop: 59871, Start Num: 13

Candidate Starts for CindyLou_116:

(Start: 13 @58966 has 190 MA's), (Start: 20 @58999 has 1 MA's), (33, 59179), (Start: 36 @59200 has 3 MA's), (37, 59206), (38, 59221), (39, 59230), (52, 59308), (56, 59332), (63, 59395), (72, 59476), (73, 59482), (78, 59542), (82, 59578), (84, 59596), (86, 59614), (92, 59635), (102, 59728), (103, 59734), (114, 59806), (119, 59851), (120, 59854),

Gene: Clawz_69 Start: 45660, Stop: 46775, Start Num: 3

Candidate Starts for Clawz_69:

(Start: 3 @45660 has 20 MA's), (6, 45678), (14, 45762), (21, 45807), (26, 45864), (32, 45960), (Start: 36 @45990 has 3 MA's), (43, 46050), (46, 46074), (66, 46206), (74, 46272), (90, 46422), (97, 46494), (107, 46560), (119, 46644), (126, 46680),

Gene: Cleatunium_108 Start: 57623, Stop: 58528, Start Num: 13

Candidate Starts for Cleatunium_108:

(Start: 13 @57623 has 190 MA's), (Start: 20 @57656 has 1 MA's), (33, 57836), (Start: 36 @57857 has 3 MA's), (37, 57863), (38, 57878), (39, 57887), (52, 57965), (56, 57989), (63, 58052), (72, 58133), (73, 58139), (78, 58199), (82, 58235), (84, 58253), (86, 58271), (92, 58292), (102, 58385), (103, 58391), (114, 58463), (119, 58508), (120, 58511),

Gene: ColdSoup_70 Start: 45855, Stop: 46970, Start Num: 3

Candidate Starts for ColdSoup_70:

(Start: 3 @45855 has 20 MA's), (14, 45957), (18, 45972), (26, 46059), (31, 46140), (Start: 36 @46185 has 3 MA's), (43, 46245), (46, 46269), (48, 46278), (54, 46302), (62, 46377), (66, 46401), (83, 46566), (105, 46734), (119, 46839), (122, 46848), (132, 46911),

Gene: Colt_106 Start: 59493, Stop: 60398, Start Num: 13

Candidate Starts for Colt_106:

(Start: 13 @59493 has 190 MA's), (Start: 20 @59526 has 1 MA's), (33, 59706), (Start: 36 @59727 has 3 MA's), (37, 59733), (38, 59748), (39, 59757), (52, 59835), (56, 59859), (63, 59922), (72, 60003), (73, 60009), (78, 60069), (82, 60105), (84, 60123), (86, 60141), (92, 60162), (102, 60255), (103, 60261), (114, 60333), (119, 60378), (120, 60381),

Gene: Concombre_120 Start: 61299, Stop: 62204, Start Num: 13

Candidate Starts for Concombre_120:

(Start: 13 @61299 has 190 MA's), (Start: 20 @61332 has 1 MA's), (33, 61512), (Start: 36 @61533 has 3 MA's), (37, 61539), (38, 61554), (39, 61563), (52, 61641), (56, 61665), (63, 61728), (72, 61809), (73, 61815), (78, 61875), (82, 61911), (84, 61929), (86, 61947), (92, 61968), (102, 62061), (103, 62067), (114, 62139), (119, 62184), (120, 62187),

Gene: DTDevon_115 Start: 59177, Stop: 60082, Start Num: 13

Candidate Starts for DTDevon_115:

(Start: 13 @59177 has 190 MA's), (Start: 20 @59210 has 1 MA's), (33, 59390), (Start: 36 @59411 has 3 MA's), (37, 59417), (38, 59432), (39, 59441), (52, 59519), (56, 59543), (63, 59606), (72, 59687), (73, 59693), (78, 59753), (82, 59789), (84, 59807), (86, 59825), (92, 59846), (102, 59939), (103, 59945), (119, 60062), (120, 60065),

Gene: Daffodil_120 Start: 59108, Stop: 60013, Start Num: 13

Candidate Starts for Daffodil_120:

(Start: 13 @59108 has 190 MA's), (Start: 20 @59141 has 1 MA's), (33, 59321), (Start: 36 @59342 has 3 MA's), (37, 59348), (38, 59363), (39, 59372), (52, 59450), (56, 59474), (63, 59537), (72, 59618), (73, 59624), (78, 59684), (82, 59720), (84, 59738), (86, 59756), (92, 59777), (102, 59870), (103, 59876), (114, 59948), (119, 59993), (120, 59996),

Gene: DalanDe_105 Start: 81662, Stop: 82789, Start Num: 3

Candidate Starts for DalanDe_105:

(Start: 3 @81662 has 20 MA's), (7, 81695), (17, 81776), (31, 81947), (39, 82022), (43, 82052), (44, 82058), (45, 82067), (62, 82184), (77, 82328), (90, 82427), (98, 82499), (101, 82523), (105, 82538), (106, 82556), (119, 82658), (131, 82727), (135, 82751), (136, 82772),

Gene: DalanDe_32 Start: 29932, Stop: 30849, Start Num: 13

Candidate Starts for DalanDe_32:

(Start: 13 @29932 has 190 MA's), (45, 30250), (47, 30262), (57, 30313), (65, 30385), (68, 30394), (70, 30433), (73, 30457), (81, 30553), (90, 30604), (98, 30679), (102, 30706), (115, 30790),

Gene: Dandelion_120 Start: 61290, Stop: 62195, Start Num: 13

Candidate Starts for Dandelion_120:

(Start: 13 @61290 has 190 MA's), (Start: 20 @61323 has 1 MA's), (33, 61503), (Start: 36 @61524 has 3 MA's), (37, 61530), (39, 61554), (52, 61632), (56, 61656), (63, 61719), (72, 61800), (73, 61806), (78, 61866), (82, 61902), (84, 61920), (86, 61938), (92, 61959), (102, 62052), (103, 62058), (119, 62175), (120, 62178),

Gene: Darko_115 Start: 58810, Stop: 59715, Start Num: 13

Candidate Starts for Darko_115:

(Start: 13 @58810 has 190 MA's), (Start: 20 @58843 has 1 MA's), (33, 59023), (Start: 36 @59044 has 3 MA's), (37, 59050), (38, 59065), (39, 59074), (52, 59152), (56, 59176), (63, 59239), (72, 59320), (73, 59326), (78, 59386), (82, 59422), (84, 59440), (86, 59458), (92, 59479), (102, 59572), (103, 59578), (114, 59650), (119, 59695), (120, 59698),

Gene: DeejaClivia_102 Start: 55466, Stop: 56371, Start Num: 13

Candidate Starts for DeejaClivia_102:

(Start: 13 @55466 has 190 MA's), (Start: 20 @55499 has 1 MA's), (33, 55679), (Start: 36 @55700 has 3 MA's), (37, 55706), (39, 55730), (52, 55808), (56, 55832), (63, 55895), (72, 55976), (73, 55982), (78, 56042), (82, 56078), (84, 56096), (86, 56114), (92, 56135), (102, 56228), (103, 56234), (119, 56351), (120, 56354),

Gene: Delilah_115 Start: 59262, Stop: 60167, Start Num: 13

Candidate Starts for Delilah_115:

(Start: 13 @59262 has 190 MA's), (Start: 20 @59295 has 1 MA's), (33, 59475), (Start: 36 @59496 has 3 MA's), (37, 59502), (38, 59517), (39, 59526), (52, 59604), (56, 59628), (63, 59691), (72, 59772), (73, 59778), (78, 59838), (82, 59874), (84, 59892), (86, 59910), (92, 59931), (102, 60024), (103, 60030), (114, 60102), (119, 60147), (120, 60150),

Gene: Delylah_118 Start: 58801, Stop: 59706, Start Num: 13

Candidate Starts for Delylah_118:

(Start: 13 @58801 has 190 MA's), (Start: 20 @58834 has 1 MA's), (33, 59014), (Start: 36 @59035 has 3 MA's), (37, 59041), (38, 59056), (39, 59065), (52, 59143), (56, 59167), (63, 59230), (72, 59311), (73, 59317), (78, 59377), (82, 59413), (84, 59431), (86, 59449), (92, 59470), (102, 59563), (103, 59569), (114, 59641), (119, 59686), (120, 59689),

Gene: Demodog_121 Start: 61308, Stop: 62213, Start Num: 13

Candidate Starts for Demodog_121:

(Start: 13 @61308 has 190 MA's), (Start: 20 @61341 has 1 MA's), (33, 61521), (Start: 36 @61542 has 3 MA's), (37, 61548), (38, 61563), (39, 61572), (52, 61650), (56, 61674), (63, 61737), (72, 61818), (73, 61824), (78, 61884), (82, 61920), (84, 61938), (86, 61956), (92, 61977), (102, 62070), (103, 62076), (114, 62148), (119, 62193), (120, 62196),

Gene: Derek_114 Start: 58727, Stop: 59632, Start Num: 13

Candidate Starts for Derek_114:

(Start: 13 @58727 has 190 MA's), (Start: 20 @58760 has 1 MA's), (33, 58940), (Start: 36 @58961 has 3 MA's), (37, 58967), (38, 58982), (39, 58991), (52, 59069), (56, 59093), (63, 59156), (72, 59237), (73, 59243), (78, 59303), (82, 59339), (84, 59357), (86, 59375), (92, 59396), (102, 59489), (103, 59495), (114, 59567), (119, 59612), (120, 59615),

Gene: Dessert_111 Start: 57203, Stop: 58108, Start Num: 13

Candidate Starts for Dessert_111:

(Start: 13 @57203 has 190 MA's), (Start: 20 @57236 has 1 MA's), (33, 57416), (Start: 36 @57437 has 3 MA's), (37, 57443), (38, 57458), (39, 57467), (52, 57545), (56, 57569), (63, 57632), (72, 57713), (73, 57719), (78, 57779), (82, 57815), (84, 57833), (86, 57851), (92, 57872), (102, 57965), (103, 57971), (114, 58043), (119, 58088), (120, 58091),

Gene: Dietrick_107 Start: 56803, Stop: 57708, Start Num: 13

Candidate Starts for Dietrick_107:

(Start: 13 @56803 has 190 MA's), (Start: 20 @56836 has 1 MA's), (33, 57016), (Start: 36 @57037 has 3 MA's), (37, 57043), (38, 57058), (39, 57067), (52, 57145), (56, 57169), (63, 57232), (72, 57313), (73, 57319), (78, 57379), (82, 57415), (84, 57433), (86, 57451), (92, 57472), (102, 57565), (103, 57571), (114, 57643), (119, 57688), (120, 57691),

Gene: DirtMonster_109 Start: 58061, Stop: 58966, Start Num: 13

Candidate Starts for DirtMonster_109:

(Start: 13 @58061 has 190 MA's), (Start: 20 @58094 has 1 MA's), (33, 58274), (Start: 36 @58295 has 3 MA's), (37, 58301), (38, 58316), (39, 58325), (52, 58403), (56, 58427), (63, 58490), (72, 58571), (73, 58577), (78, 58637), (82, 58673), (84, 58691), (86, 58709), (92, 58730), (102, 58823), (103, 58829), (114, 58901), (119, 58946), (120, 58949),

Gene: Domi_108 Start: 58149, Stop: 59054, Start Num: 13

Candidate Starts for Domi_108:

(Start: 13 @58149 has 190 MA's), (Start: 20 @58182 has 1 MA's), (33, 58362), (Start: 36 @58383 has 3 MA's), (37, 58389), (38, 58404), (39, 58413), (52, 58491), (56, 58515), (63, 58578), (72, 58659), (73, 58665), (78, 58725), (82, 58761), (84, 58779), (86, 58797), (92, 58818), (102, 58911), (103, 58917), (114, 58989), (119, 59034), (120, 59037),

Gene: DonTron_69 Start: 45892, Stop: 47007, Start Num: 3

Candidate Starts for DonTron_69:

(Start: 3 @45892 has 20 MA's), (14, 45994), (18, 46009), (26, 46096), (31, 46177), (Start: 36 @46222 has 3 MA's), (43, 46282), (46, 46306), (48, 46315), (54, 46339), (57, 46357), (60, 46387), (62, 46414), (66, 46438), (83, 46603), (119, 46876), (122, 46885), (132, 46948),

Gene: Dorin_182 Start: 102644, Stop: 101520, Start Num: 2

Candidate Starts for Dorin_182:

(Start: 2 @102644 has 3 MA's), (7, 102611), (11, 102563), (12, 102554), (Start: 13 @102551 has 190 MA's), (17, 102530), (25, 102449), (33, 102335), (34, 102329), (40, 102281), (60, 102149),

Gene: DrPhinkDaddy_114 Start: 59330, Stop: 60235, Start Num: 13

Candidate Starts for DrPhinkDaddy_114:

(Start: 13 @59330 has 190 MA's), (Start: 20 @59363 has 1 MA's), (33, 59543), (Start: 36 @59564 has 3 MA's), (37, 59570), (38, 59585), (39, 59594), (52, 59672), (56, 59696), (63, 59759), (72, 59840), (73, 59846), (78, 59906), (82, 59942), (84, 59960), (86, 59978), (92, 59999), (102, 60092), (103, 60098), (114, 60170), (119, 60215), (120, 60218),

Gene: Drazdys_113 Start: 57791, Stop: 58696, Start Num: 13

Candidate Starts for Drazdys_113:

(Start: 13 @57791 has 190 MA's), (Start: 20 @57824 has 1 MA's), (33, 58004), (Start: 36 @58025 has 3 MA's), (37, 58031), (38, 58046), (39, 58055), (52, 58133), (56, 58157), (63, 58220), (72, 58301), (73, 58307), (78, 58367), (82, 58403), (84, 58421), (86, 58439), (92, 58460), (102, 58553), (103, 58559), (114, 58631), (119, 58676), (120, 58679),

Gene: Duckfeet_107 Start: 57253, Stop: 58158, Start Num: 13

Candidate Starts for Duckfeet_107:

(Start: 13 @57253 has 190 MA's), (Start: 20 @57286 has 1 MA's), (33, 57466), (Start: 36 @57487 has 3 MA's), (37, 57493), (39, 57517), (52, 57595), (56, 57619), (63, 57682), (72, 57763), (73, 57769), (78, 57829), (82, 57865), (84, 57883), (86, 57901), (92, 57922), (102, 58015), (103, 58021), (114, 58093), (119, 58138), (120, 58141),

Gene: E3_gp88 Start: 49332, Stop: 50129, Start Num: 36

Candidate Starts for E3_gp88:

(35, 49329), (Start: 36 @49332 has 3 MA's), (56, 49464), (63, 49536), (66, 49554), (69, 49563), (72, 49617), (87, 49764), (97, 49842), (99, 49854), (105, 49887), (123, 50031), (124, 50034), (131, 50067), (137, 50121),

Gene: ET08_103 Start: 57791, Stop: 58696, Start Num: 13

Candidate Starts for ET08_103:

(Start: 13 @57791 has 190 MA's), (Start: 20 @57824 has 1 MA's), (33, 58004), (Start: 36 @58025 has 3 MA's), (37, 58031), (38, 58046), (39, 58055), (52, 58133), (56, 58157), (63, 58220), (72, 58301), (73, 58307), (78, 58367), (82, 58403), (84, 58421), (86, 58439), (92, 58460), (102, 58553), (103, 58559), (114, 58631), (119, 58676), (120, 58679),

Gene: EasyJones_117 Start: 57933, Stop: 58838, Start Num: 13

Candidate Starts for EasyJones_117:

(Start: 13 @57933 has 190 MA's), (Start: 20 @57966 has 1 MA's), (33, 58146), (Start: 36 @58167 has 3 MA's), (37, 58173), (38, 58188), (39, 58197), (52, 58275), (56, 58299), (63, 58362), (72, 58443), (73, 58449), (78, 58509), (82, 58545), (84, 58563), (86, 58581), (92, 58602), (102, 58695), (103, 58701), (119, 58818), (120, 58821),

Gene: EggyFarm_122 Start: 61066, Stop: 61971, Start Num: 13

Candidate Starts for EggyFarm_122:

(Start: 13 @61066 has 190 MA's), (Start: 20 @61099 has 1 MA's), (33, 61279), (Start: 36 @61300 has 3 MA's), (37, 61306), (38, 61321), (39, 61330), (52, 61408), (56, 61432), (63, 61495), (72, 61576), (73, 61582), (78, 61642), (82, 61678), (84, 61696), (86, 61714), (92, 61735), (102, 61828), (103, 61834), (114, 61906), (119, 61951), (120, 61954),

Gene: EmToTheThree_117 Start: 60070, Stop: 60975, Start Num: 13

Candidate Starts for EmToTheThree_117:

(Start: 13 @60070 has 190 MA's), (Start: 20 @60103 has 1 MA's), (33, 60283), (Start: 36 @60304 has 3 MA's), (37, 60310), (38, 60325), (39, 60334), (52, 60412), (56, 60436), (63, 60499), (72, 60580), (73, 60586), (78, 60646), (82, 60682), (84, 60700), (86, 60718), (92, 60739), (102, 60832), (103, 60838), (114, 60910), (119, 60955), (120, 60958),

Gene: EmmaElysia_115 Start: 57856, Stop: 58761, Start Num: 13

Candidate Starts for EmmaElysia_115:

(Start: 13 @57856 has 190 MA's), (Start: 20 @57889 has 1 MA's), (33, 58069), (Start: 36 @58090 has 3 MA's), (37, 58096), (38, 58111), (39, 58120), (52, 58198), (56, 58222), (63, 58285), (72, 58366), (73, 58372), (78, 58432), (82, 58468), (84, 58486), (86, 58504), (92, 58525), (102, 58618), (103, 58624), (114, 58696), (119, 58741), (120, 58744),

Gene: EmoNemo_114 Start: 83834, Stop: 84955, Start Num: 3

Candidate Starts for EmoNemo_114:

(Start: 3 @83834 has 20 MA's), (11, 83915), (14, 83939), (Start: 36 @84167 has 3 MA's), (37, 84173), (43, 84227), (51, 84260), (59, 84302), (62, 84350), (74, 84443), (78, 84500), (95, 84635), (98, 84662), (106, 84719), (107, 84722), (108, 84725), (119, 84812), (121, 84818), (125, 84857), (129, 84875), (133, 84899),

Gene: EmoNemo_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for EmoNemo_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Erdmann_115 Start: 59109, Stop: 60014, Start Num: 13

Candidate Starts for Erdmann_115:

(Start: 13 @59109 has 190 MA's), (Start: 20 @59142 has 1 MA's), (33, 59322), (Start: 36 @59343 has 3 MA's), (37, 59349), (38, 59364), (39, 59373), (52, 59451), (56, 59475), (63, 59538), (72, 59619), (73, 59625), (78, 59685), (82, 59721), (84, 59739), (86, 59757), (92, 59778), (102, 59871), (103, 59877), (114, 59949), (119, 59994), (120, 59997),

Gene: ErnieJ_109 Start: 57064, Stop: 57969, Start Num: 13

Candidate Starts for ErnieJ_109:

(Start: 13 @57064 has 190 MA's), (Start: 20 @57097 has 1 MA's), (33, 57277), (Start: 36 @57298 has 3 MA's), (37, 57304), (39, 57328), (52, 57406), (56, 57430), (63, 57493), (72, 57574), (73, 57580), (78, 57640), (82, 57676), (84, 57694), (86, 57712), (92, 57733), (102, 57826), (103, 57832), (119, 57949), (120, 57952),

Gene: Essence_112 Start: 57957, Stop: 58862, Start Num: 13

Candidate Starts for Essence_112:

(Start: 13 @57957 has 190 MA's), (Start: 20 @57990 has 1 MA's), (33, 58170), (Start: 36 @58191 has 3 MA's), (37, 58197), (38, 58212), (39, 58221), (52, 58299), (56, 58323), (63, 58386), (72, 58467), (73, 58473), (78, 58533), (82, 58569), (84, 58587), (86, 58605), (92, 58626), (102, 58719), (103, 58725), (114, 58797), (119, 58842), (120, 58845),

Gene: Ewok_116 Start: 58496, Stop: 59401, Start Num: 13

Candidate Starts for Ewok_116:

(Start: 13 @58496 has 190 MA's), (Start: 20 @58529 has 1 MA's), (33, 58709), (Start: 36 @58730 has 3 MA's), (37, 58736), (38, 58751), (39, 58760), (52, 58838), (56, 58862), (63, 58925), (72, 59006), (73, 59012), (78, 59072), (82, 59108), (84, 59126), (86, 59144), (92, 59165), (102, 59258), (103, 59264), (114, 59336), (119, 59381), (120, 59384),

Gene: Farrylious_119 Start: 84433, Stop: 85542, Start Num: 3

Candidate Starts for Farrylious_119:

(Start: 3 @84433 has 20 MA's), (11, 84514), (14, 84538), (Start: 36 @84766 has 3 MA's), (37, 84772), (43, 84826), (51, 84859), (59, 84901), (62, 84949), (74, 85042), (78, 85099), (95, 85234), (98, 85261), (106, 85318), (108, 85324), (119, 85411), (121, 85417), (129, 85462), (133, 85486),

Gene: Farrylious_37 Start: 27475, Stop: 28383, Start Num: 13

Candidate Starts for Farrylious_37:

(Start: 13 @27475 has 190 MA's), (16, 27490), (33, 27691), (Start: 36 @27712 has 3 MA's), (53, 27826), (73, 27991), (90, 28138), (103, 28246), (105, 28252), (109, 28288), (113, 28309), (116, 28339),

Gene: Fixie_111 Start: 57750, Stop: 58655, Start Num: 13

Candidate Starts for Fixie_111:

(Start: 13 @57750 has 190 MA's), (Start: 20 @57783 has 1 MA's), (33, 57963), (Start: 36 @57984 has 3 MA's), (37, 57990), (39, 58014), (52, 58092), (56, 58116), (63, 58179), (72, 58260), (73, 58266), (78, 58326), (82, 58362), (84, 58380), (86, 58398), (92, 58419), (102, 58512), (103, 58518), (114, 58590), (119, 58635), (120, 58638),

Gene: Flabslab_109 Start: 56188, Stop: 57093, Start Num: 13

Candidate Starts for Flabslab_109:

(Start: 13 @56188 has 190 MA's), (Start: 20 @56221 has 1 MA's), (33, 56401), (Start: 36 @56422 has 3 MA's), (37, 56428), (38, 56443), (39, 56452), (52, 56530), (56, 56554), (63, 56617), (72, 56698), (73, 56704), (78, 56764), (82, 56800), (84, 56818), (86, 56836), (92, 56857), (102, 56950), (103, 56956), (114, 57028), (119, 57073), (120, 57076),

Gene: Fludd_115 Start: 57704, Stop: 58609, Start Num: 13

Candidate Starts for Fludd_115:

(Start: 13 @57704 has 190 MA's), (Start: 20 @57737 has 1 MA's), (33, 57917), (Start: 36 @57938 has 3 MA's), (37, 57944), (39, 57968), (52, 58046), (56, 58070), (63, 58133), (72, 58214), (73, 58220), (78, 58280), (82, 58316), (84, 58334), (86, 58352), (92, 58373), (102, 58466), (103, 58472), (119, 58589), (120, 58592),

Gene: FlyingTortilla_38 Start: 30557, Stop: 31465, Start Num: 13

Candidate Starts for FlyingTortilla_38:

(Start: 13 @30557 has 190 MA's), (16, 30572), (31, 30749), (37, 30800), (47, 30881), (48, 30890), (57, 30932), (62, 30980), (65, 31001), (70, 31049), (73, 31073), (79, 31160), (81, 31169), (94, 31247), (102, 31322), (103, 31328), (105, 31334), (109, 31370), (113, 31391), (114, 31400), (116, 31421),

Gene: FlyingTortilla_118 Start: 87580, Stop: 88707, Start Num: 3

Candidate Starts for FlyingTortilla_118:

(Start: 3 @87580 has 20 MA's), (8, 87628), (14, 87682), (17, 87694), (21, 87727), (25, 87775), (37, 87916), (43, 87970), (62, 88102), (74, 88195), (78, 88252), (90, 88345), (95, 88387), (98, 88414), (105, 88453), (106, 88471), (108, 88477), (114, 88519), (125, 88609), (129, 88627), (133, 88651),

Gene: Fongie_112 Start: 58709, Stop: 59614, Start Num: 13

Candidate Starts for Fongie_112:

(Start: 13 @58709 has 190 MA's), (Start: 20 @58742 has 1 MA's), (33, 58922), (Start: 36 @58943 has 3 MA's), (37, 58949), (38, 58964), (39, 58973), (52, 59051), (56, 59075), (63, 59138), (72, 59219), (73, 59225), (78, 59285), (82, 59321), (84, 59339), (86, 59357), (92, 59378), (102, 59471), (103, 59477), (114, 59549), (119, 59594), (120, 59597),

Gene: FoxtrotP1_115 Start: 60279, Stop: 61184, Start Num: 13

Candidate Starts for FoxtrotP1_115:

(Start: 13 @60279 has 190 MA's), (Start: 20 @60312 has 1 MA's), (33, 60492), (Start: 36 @60513 has 3 MA's), (37, 60519), (38, 60534), (39, 60543), (52, 60621), (56, 60645), (63, 60708), (72, 60789), (73, 60795), (78, 60855), (82, 60891), (84, 60909), (86, 60927), (92, 60948), (102, 61041), (103, 61047), (114, 61119), (119, 61164), (120, 61167),

Gene: Francesca_184 Start: 103563, Stop: 102439, Start Num: 2

Candidate Starts for Francesca_184:

(Start: 2 @103563 has 3 MA's), (7, 103530), (11, 103482), (12, 103473), (Start: 13 @103470 has 190 MA's), (17, 103449), (25, 103368), (33, 103254), (34, 103248), (40, 103200), (60, 103068),

Gene: FrayBell_120 Start: 59443, Stop: 60348, Start Num: 13

Candidate Starts for FrayBell_120:

(Start: 13 @59443 has 190 MA's), (Start: 20 @59476 has 1 MA's), (33, 59656), (Start: 36 @59677 has 3 MA's), (37, 59683), (38, 59698), (39, 59707), (52, 59785), (56, 59809), (63, 59872), (72, 59953), (73, 59959), (78, 60019), (82, 60055), (84, 60073), (86, 60091), (92, 60112), (102, 60205), (103, 60211), (114, 60283), (119, 60328), (120, 60331),

Gene: FruityLoops_37 Start: 30559, Stop: 31467, Start Num: 13

Candidate Starts for FruityLoops_37:

(Start: 13 @30559 has 190 MA's), (16, 30574), (31, 30751), (33, 30775), (47, 30883), (48, 30892), (57, 30934), (62, 30982), (65, 31003), (70, 31051), (73, 31075), (79, 31162), (81, 31171), (94, 31249), (102, 31324), (103, 31330), (105, 31336), (109, 31372), (113, 31393), (114, 31402), (116, 31423), (119, 31447),

Gene: FruityLoops_119 Start: 87086, Stop: 88216, Start Num: 3

Candidate Starts for FruityLoops_119:

(Start: 3 @87086 has 20 MA's), (8, 87134), (21, 87236), (25, 87284), (27, 87335), (37, 87425), (43, 87479), (62, 87611), (74, 87704), (90, 87854), (95, 87896), (98, 87923), (105, 87962), (106, 87980), (108, 87986), (114, 88028), (118, 88070), (125, 88118), (129, 88136), (133, 88160),

Gene: FudgeTart_113 Start: 58138, Stop: 59043, Start Num: 13

Candidate Starts for FudgeTart_113:

(Start: 13 @58138 has 190 MA's), (Start: 20 @58171 has 1 MA's), (33, 58351), (Start: 36 @58372 has 3 MA's), (37, 58378), (39, 58402), (52, 58480), (56, 58504), (63, 58567), (72, 58648), (73, 58654), (78, 58714), (82, 58750), (84, 58768), (86, 58786), (92, 58807), (102, 58900), (103, 58906), (114, 58978), (119, 59023), (120, 59026),

Gene: GMA4_66 Start: 42724, Stop: 43833, Start Num: 4

Candidate Starts for GMA4_66:

(1, 42115), (4, 42724), (21, 42868), (22, 42889), (Start: 36 @43051 has 3 MA's), (37, 43057), (90, 43483), (97, 43555), (126, 43738),

Gene: GMA6_103 Start: 75571, Stop: 76686, Start Num: 3

Candidate Starts for GMA6_103:

(Start: 3 @75571 has 20 MA's), (17, 75685), (29, 75826), (Start: 36 @75901 has 3 MA's), (41, 75943), (50, 76000), (59, 76045), (61, 76075), (62, 76093), (68, 76123), (77, 76237), (83, 76285), (90, 76336), (100, 76417), (107, 76465), (119, 76552), (125, 76585),

Gene: Gabriel_115 Start: 57363, Stop: 58268, Start Num: 13

Candidate Starts for Gabriel_115:

(Start: 13 @57363 has 190 MA's), (Start: 20 @57396 has 1 MA's), (33, 57576), (Start: 36 @57597 has 3 MA's), (37, 57603), (38, 57618), (39, 57627), (52, 57705), (56, 57729), (63, 57792), (72, 57873), (73, 57879), (78, 57939), (82, 57975), (84, 57993), (86, 58011), (92, 58032), (102, 58125), (103, 58131), (114, 58203), (119, 58248), (120, 58251),

Gene: Gamgam_115 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Gamgam_115:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Ghost_113 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Ghost_113:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Gizmo_119 Start: 60259, Stop: 61164, Start Num: 13

Candidate Starts for Gizmo_119:

(Start: 13 @60259 has 190 MA's), (Start: 20 @60292 has 1 MA's), (33, 60472), (Start: 36 @60493 has 3 MA's), (37, 60499), (38, 60514), (39, 60523), (52, 60601), (56, 60625), (63, 60688), (72, 60769), (73, 60775), (78, 60835), (82, 60871), (84, 60889), (86, 60907), (92, 60928), (102, 61021), (103, 61027), (114, 61099), (119, 61144), (120, 61147),

Gene: GlutenPhree_116 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for GlutenPhree_116:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Grasshills_121 Start: 61066, Stop: 61971, Start Num: 13

Candidate Starts for Grasshills_121:

(Start: 13 @61066 has 190 MA's), (Start: 20 @61099 has 1 MA's), (33, 61279), (Start: 36 @61300 has 3 MA's), (37, 61306), (38, 61321), (39, 61330), (52, 61408), (56, 61432), (63, 61495), (72, 61576), (73, 61582), (78, 61642), (82, 61678), (84, 61696), (86, 61714), (92, 61735), (102, 61828), (103, 61834), (114, 61906), (119, 61951), (120, 61954),

Gene: Gray_39 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Gray_39:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Gray_118 Start: 84091, Stop: 85212, Start Num: 3

Candidate Starts for Gray_118:

(Start: 3 @84091 has 20 MA's), (11, 84172), (14, 84196), (Start: 36 @84424 has 3 MA's), (37, 84430), (43, 84484), (51, 84517), (59, 84559), (62, 84607), (74, 84700), (78, 84757), (95, 84892), (98, 84919), (106, 84976), (107, 84979), (108, 84982), (119, 85069), (121, 85075), (125, 85114), (129, 85132), (133, 85156),

Gene: Greely_112 Start: 56584, Stop: 57489, Start Num: 13

Candidate Starts for Greely_112:

(Start: 13 @56584 has 190 MA's), (15, 56596), (Start: 20 @56617 has 1 MA's), (33, 56797), (34, 56803), (Start: 36 @56818 has 3 MA's), (55, 56944), (62, 57004), (63, 57010), (66, 57028), (72, 57091), (73, 57097), (78, 57157), (81, 57190), (82, 57193), (91, 57247), (103, 57352), (104, 57355), (109, 57394), (111, 57400), (115, 57430), (120, 57472),

Gene: Grumio_69 Start: 45333, Stop: 46448, Start Num: 3

Candidate Starts for Grumio_69:

(Start: 3 @45333 has 20 MA's), (14, 45435), (18, 45450), (26, 45537), (31, 45618), (43, 45723), (46, 45747), (48, 45756), (54, 45780), (62, 45855), (66, 45879), (83, 46044), (119, 46317), (122, 46326), (132, 46389),

Gene: Grungle_102 Start: 55381, Stop: 56286, Start Num: 13

Candidate Starts for Grungle_102:

(Start: 13 @55381 has 190 MA's), (Start: 20 @55414 has 1 MA's), (33, 55594), (Start: 36 @55615 has 3 MA's), (37, 55621), (38, 55636), (39, 55645), (52, 55723), (56, 55747), (63, 55810), (72, 55891), (73, 55897), (78, 55957), (82, 55993), (84, 56011), (86, 56029), (92, 56050), (102, 56143), (103, 56149), (114, 56221), (119, 56266), (120, 56269),

Gene: Guwapp_114 Start: 57528, Stop: 58433, Start Num: 13

Candidate Starts for Guwapp_114:

(Start: 13 @57528 has 190 MA's), (Start: 20 @57561 has 1 MA's), (33, 57741), (Start: 36 @57762 has 3 MA's), (37, 57768), (38, 57783), (39, 57792), (52, 57870), (56, 57894), (63, 57957), (72, 58038), (73, 58044), (78, 58104), (82, 58140), (84, 58158), (86, 58176), (92, 58197), (102, 58290), (103, 58296), (114, 58368), (119, 58413), (120, 58416),

Gene: Halldule_108 Start: 56407, Stop: 57312, Start Num: 13

Candidate Starts for Halldule_108:

(Start: 13 @56407 has 190 MA's), (Start: 20 @56440 has 1 MA's), (33, 56620), (Start: 36 @56641 has 3 MA's), (37, 56647), (38, 56662), (39, 56671), (52, 56749), (56, 56773), (63, 56836), (72, 56917), (73, 56923), (78, 56983), (82, 57019), (84, 57037), (86, 57055), (92, 57076), (102, 57169), (103, 57175), (119, 57292), (120, 57295),

Gene: Hanem_39 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Hanem_39:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Hanem_120 Start: 83632, Stop: 84753, Start Num: 3

Candidate Starts for Hanem_120:

(Start: 3 @83632 has 20 MA's), (11, 83713), (14, 83737), (Start: 36 @83965 has 3 MA's), (37, 83971), (43, 84025), (51, 84058), (59, 84100), (62, 84148), (74, 84241), (78, 84298), (95, 84433), (98, 84460), (106, 84517), (107, 84520), (108, 84523), (119, 84610), (121, 84616), (125, 84655), (129, 84673), (133, 84697),

Gene: HyRo_105 Start: 57634, Stop: 58539, Start Num: 13

Candidate Starts for HyRo_105:

(Start: 13 @57634 has 190 MA's), (Start: 20 @57667 has 1 MA's), (33, 57847), (Start: 36 @57868 has 3 MA's), (37, 57874), (39, 57898), (52, 57976), (56, 58000), (63, 58063), (72, 58144), (73, 58150), (78, 58210), (82, 58246), (84, 58264), (86, 58282), (92, 58303), (102, 58396), (103, 58402), (119, 58519), (120, 58522),

Gene: I3_120 Start: 59594, Stop: 60499, Start Num: 13

Candidate Starts for I3_120:

(Start: 13 @59594 has 190 MA's), (Start: 20 @59627 has 1 MA's), (33, 59807), (Start: 36 @59828 has 3 MA's), (37, 59834), (38, 59849), (39, 59858), (52, 59936), (56, 59960), (63, 60023), (72, 60104), (73, 60110), (78, 60170), (82, 60206), (84, 60224), (86, 60242), (92, 60263), (102, 60356), (103, 60362), (114, 60434), (119, 60479), (120, 60482),

Gene: IkeLoa_108 Start: 57463, Stop: 58368, Start Num: 13

Candidate Starts for IkeLoa_108:

(Start: 13 @57463 has 190 MA's), (Start: 20 @57496 has 1 MA's), (33, 57676), (Start: 36 @57697 has 3 MA's), (37, 57703), (39, 57727), (52, 57805), (56, 57829), (63, 57892), (72, 57973), (73, 57979), (78, 58039), (82, 58075), (84, 58093), (86, 58111), (92, 58132), (102, 58225), (103, 58231), (114, 58303), (119, 58348), (120, 58351),

Gene: InigoMontoya_116 Start: 57598, Stop: 58503, Start Num: 13

Candidate Starts for InigoMontoya_116:

(Start: 13 @57598 has 190 MA's), (Start: 20 @57631 has 1 MA's), (33, 57811), (Start: 36 @57832 has 3 MA's), (37, 57838), (38, 57853), (39, 57862), (52, 57940), (56, 57964), (63, 58027), (72, 58108), (73, 58114), (78, 58174), (82, 58210), (84, 58228), (86, 58246), (92, 58267), (102, 58360), (103, 58366), (114, 58438), (119, 58483), (120, 58486),

Gene: InterFolia_121 Start: 60378, Stop: 61283, Start Num: 13

Candidate Starts for InterFolia_121:

(Start: 13 @60378 has 190 MA's), (Start: 20 @60411 has 1 MA's), (33, 60591), (Start: 36 @60612 has 3 MA's), (37, 60618), (38, 60633), (39, 60642), (52, 60720), (56, 60744), (63, 60807), (72, 60888), (73, 60894), (78, 60954), (82, 60990), (84, 61008), (86, 61026), (92, 61047), (102, 61140), (103, 61146), (114, 61218), (119, 61263), (120, 61266),

Gene: Iota_110 Start: 58074, Stop: 58931, Start Num: 13

Candidate Starts for Iota_110:

(Start: 13 @58074 has 190 MA's), (Start: 20 @58107 has 1 MA's), (33, 58287), (Start: 36 @58308 has 3 MA's), (37, 58314), (38, 58329), (39, 58338), (52, 58416), (56, 58440), (63, 58503), (72, 58584), (73, 58590), (78, 58650), (82, 58686), (84, 58704), (86, 58722), (92, 58743), (102, 58836), (103, 58842),

Gene: Issimir_113 Start: 59083, Stop: 59988, Start Num: 13

Candidate Starts for Issimir_113:

(Start: 13 @59083 has 190 MA's), (Start: 20 @59116 has 1 MA's), (33, 59296), (Start: 36 @59317 has 3 MA's), (37, 59323), (38, 59338), (39, 59347), (52, 59425), (56, 59449), (63, 59512), (72, 59593), (73, 59599), (78, 59659), (82, 59695), (84, 59713), (86, 59731), (92, 59752), (102, 59845), (103, 59851), (114, 59923), (119, 59968), (120, 59971),

Gene: Izajani_115 Start: 59289, Stop: 60194, Start Num: 13

Candidate Starts for Izajani_115:

(Start: 13 @59289 has 190 MA's), (Start: 20 @59322 has 1 MA's), (33, 59502), (Start: 36 @59523 has 3 MA's), (37, 59529), (38, 59544), (39, 59553), (52, 59631), (56, 59655), (63, 59718), (72, 59799), (73, 59805), (78, 59865), (82, 59901), (84, 59919), (86, 59937), (92, 59958), (102, 60051), (103, 60057), (114, 60129), (119, 60174), (120, 60177),

Gene: JPickles_112 Start: 56868, Stop: 57773, Start Num: 13

Candidate Starts for JPickles_112:

(Start: 13 @56868 has 190 MA's), (Start: 20 @56901 has 1 MA's), (33, 57081), (Start: 36 @57102 has 3 MA's), (37, 57108), (38, 57123), (39, 57132), (52, 57210), (56, 57234), (63, 57297), (72, 57378), (73, 57384), (78, 57444), (82, 57480), (84, 57498), (86, 57516), (92, 57537), (102, 57630), (103, 57636), (114, 57708), (119, 57753), (120, 57756),

Gene: Janiyra_117 Start: 58564, Stop: 59469, Start Num: 13

Candidate Starts for Janiyra_117:

(Start: 13 @58564 has 190 MA's), (Start: 20 @58597 has 1 MA's), (33, 58777), (Start: 36 @58798 has 3 MA's), (37, 58804), (38, 58819), (39, 58828), (52, 58906), (56, 58930), (63, 58993), (72, 59074), (73, 59080), (78, 59140), (82, 59176), (84, 59194), (86, 59212), (92, 59233), (102, 59326), (103, 59332), (114, 59404), (119, 59449), (120, 59452),

Gene: JayJay_120 Start: 60074, Stop: 60979, Start Num: 13

Candidate Starts for JayJay_120:

(Start: 13 @60074 has 190 MA's), (Start: 20 @60107 has 1 MA's), (33, 60287), (Start: 36 @60308 has 3 MA's), (37, 60314), (38, 60329), (39, 60338), (52, 60416), (56, 60440), (63, 60503), (72, 60584), (73, 60590), (78, 60650), (82, 60686), (84, 60704), (86, 60722), (92, 60743), (102, 60836), (103, 60842), (114, 60914), (119, 60959), (120, 60962),

Gene: Jaygup_115 Start: 58393, Stop: 59298, Start Num: 13

Candidate Starts for Jaygup_115:

(Start: 13 @58393 has 190 MA's), (Start: 20 @58426 has 1 MA's), (33, 58606), (Start: 36 @58627 has 3 MA's), (37, 58633), (38, 58648), (39, 58657), (52, 58735), (56, 58759), (63, 58822), (72, 58903), (73, 58909), (78, 58969), (82, 59005), (84, 59023), (86, 59041), (92, 59062), (102, 59155), (103, 59161), (119, 59278), (120, 59281),

Gene: Jedediah_118 Start: 58926, Stop: 59831, Start Num: 13

Candidate Starts for Jedediah_118:

(Start: 13 @58926 has 190 MA's), (Start: 20 @58959 has 1 MA's), (33, 59139), (Start: 36 @59160 has 3 MA's), (37, 59166), (38, 59181), (39, 59190), (52, 59268), (56, 59292), (63, 59355), (72, 59436), (73, 59442), (78, 59502), (82, 59538), (84, 59556), (86, 59574), (92, 59595), (102, 59688), (103, 59694), (114, 59766), (119, 59811), (120, 59814),

Gene: Jemmno_115 Start: 58373, Stop: 59278, Start Num: 13

Candidate Starts for Jemmno_115:

(Start: 13 @58373 has 190 MA's), (Start: 20 @58406 has 1 MA's), (33, 58586), (Start: 36 @58607 has 3 MA's), (37, 58613), (38, 58628), (39, 58637), (52, 58715), (56, 58739), (63, 58802), (72, 58883), (73, 58889), (78, 58949), (82, 58985), (84, 59003), (86, 59021), (92, 59042), (102, 59135), (103, 59141), (114, 59213), (119, 59258), (120, 59261),

Gene: Jessibeth14_114 Start: 58895, Stop: 59800, Start Num: 13

Candidate Starts for Jessibeth14_114:

(Start: 13 @58895 has 190 MA's), (Start: 20 @58928 has 1 MA's), (33, 59108), (Start: 36 @59129 has 3 MA's), (37, 59135), (38, 59150), (39, 59159), (52, 59237), (56, 59261), (63, 59324), (72, 59405), (73, 59411), (78, 59471), (82, 59507), (84, 59525), (86, 59543), (92, 59564), (102, 59657), (103, 59663), (119, 59780), (120, 59783),

Gene: Jezreel_112 Start: 59058, Stop: 59963, Start Num: 13

Candidate Starts for Jezreel_112:

(Start: 13 @59058 has 190 MA's), (Start: 20 @59091 has 1 MA's), (33, 59271), (Start: 36 @59292 has 3 MA's), (37, 59298), (38, 59313), (39, 59322), (52, 59400), (56, 59424), (63, 59487), (72, 59568), (73, 59574), (78, 59634), (82, 59670), (84, 59688), (86, 59706), (92, 59727), (102, 59820), (103, 59826), (114, 59898), (119, 59943), (120, 59946),

Gene: JigglyPuff_122 Start: 61223, Stop: 62128, Start Num: 13

Candidate Starts for JigglyPuff_122:

(Start: 13 @61223 has 190 MA's), (Start: 20 @61256 has 1 MA's), (33, 61436), (Start: 36 @61457 has 3 MA's), (37, 61463), (38, 61478), (39, 61487), (52, 61565), (56, 61589), (63, 61652), (72, 61733), (73, 61739), (78, 61799), (82, 61835), (84, 61853), (86, 61871), (92, 61892), (102, 61985), (103, 61991), (114, 62063), (119, 62108), (120, 62111),

Gene: Jollymon_69 Start: 45855, Stop: 46970, Start Num: 3

Candidate Starts for Jollymon_69:

(Start: 3 @45855 has 20 MA's), (14, 45957), (18, 45972), (26, 46059), (31, 46140), (Start: 36 @46185 has 3 MA's), (43, 46245), (46, 46269), (48, 46278), (54, 46302), (62, 46377), (66, 46401), (83, 46566), (105, 46734), (119, 46839), (122, 46848), (132, 46911),

Gene: JonJames_58 Start: 41881, Stop: 42987, Start Num: 3

Candidate Starts for JonJames_58:

(Start: 3 @41881 has 20 MA's), (5, 41890), (10, 41950), (14, 41983), (30, 42163), (Start: 36 @42211 has 3 MA's), (57, 42346), (62, 42403), (66, 42427), (71, 42475), (75, 42508), (76, 42541), (105, 42751), (107, 42772), (110, 42790),

Gene: JulietS_109 Start: 56260, Stop: 57165, Start Num: 13

Candidate Starts for JulietS_109:

(Start: 13 @56260 has 190 MA's), (Start: 20 @56293 has 1 MA's), (33, 56473), (Start: 36 @56494 has 3 MA's), (37, 56500), (39, 56524), (52, 56602), (56, 56626), (63, 56689), (72, 56770), (73, 56776), (78, 56836), (82, 56872), (84, 56890), (86, 56908), (92, 56929), (102, 57022), (103, 57028), (114, 57100), (119, 57145), (120, 57148),

Gene: JustHall_112 Start: 58432, Stop: 59337, Start Num: 13

Candidate Starts for JustHall_112:

(Start: 13 @58432 has 190 MA's), (Start: 20 @58465 has 1 MA's), (33, 58645), (Start: 36 @58666 has 3 MA's), (37, 58672), (38, 58687), (39, 58696), (52, 58774), (56, 58798), (63, 58861), (72, 58942), (73, 58948), (78, 59008), (82, 59044), (84, 59062), (86, 59080), (92, 59101), (102, 59194), (103, 59200), (114, 59272), (119, 59317), (120, 59320),

Gene: Kabocha_40 Start: 28513, Stop: 29421, Start Num: 13

Candidate Starts for Kabocha_40:

(Start: 13 @28513 has 190 MA's), (16, 28528), (33, 28729), (Start: 36 @28750 has 3 MA's), (53, 28864), (73, 29029), (90, 29176), (103, 29284), (105, 29290), (109, 29326), (113, 29347), (116, 29377),

Gene: Kabocha_122 Start: 85575, Stop: 86696, Start Num: 3

Candidate Starts for Kabocha_122:

(Start: 3 @85575 has 20 MA's), (11, 85656), (14, 85680), (Start: 36 @85908 has 3 MA's), (37, 85914), (43, 85968), (51, 86001), (59, 86043), (62, 86091), (74, 86184), (78, 86241), (95, 86376), (98, 86403), (106, 86460), (107, 86463), (108, 86466), (119, 86553), (125, 86598), (133, 86640),

Gene: Kamryn_115 Start: 59710, Stop: 60615, Start Num: 13

Candidate Starts for Kamryn_115:

(Start: 13 @59710 has 190 MA's), (Start: 20 @59743 has 1 MA's), (33, 59923), (Start: 36 @59944 has 3 MA's), (37, 59950), (38, 59965), (39, 59974), (52, 60052), (56, 60076), (63, 60139), (72, 60220), (73, 60226), (78, 60286), (82, 60322), (84, 60340), (86, 60358), (92, 60379), (102, 60472), (103, 60478), (114, 60550), (119, 60595), (120, 60598),

Gene: Kboogie_119 Start: 58066, Stop: 58971, Start Num: 13

Candidate Starts for Kboogie_119:

(Start: 13 @58066 has 190 MA's), (Start: 20 @58099 has 1 MA's), (33, 58279), (Start: 36 @58300 has 3 MA's), (37, 58306), (38, 58321), (39, 58330), (52, 58408), (56, 58432), (63, 58495), (72, 58576), (73, 58582), (78, 58642), (82, 58678), (84, 58696), (86, 58714), (92, 58735), (102, 58828), (103, 58834), (119, 58951), (120, 58954),

Gene: Khaleesi_114 Start: 59008, Stop: 59913, Start Num: 13

Candidate Starts for Khaleesi_114:

(Start: 13 @59008 has 190 MA's), (Start: 20 @59041 has 1 MA's), (33, 59221), (Start: 36 @59242 has 3 MA's), (37, 59248), (38, 59263), (39, 59272), (52, 59350), (56, 59374), (63, 59437), (72, 59518), (73, 59524), (78, 59584), (82, 59620), (84, 59638), (86, 59656), (92, 59677), (102, 59770), (103, 59776), (114, 59848), (119, 59893), (120, 59896),

Gene: KingstonB_70 Start: 45330, Stop: 46445, Start Num: 3

Candidate Starts for KingstonB_70:

(Start: 3 @45330 has 20 MA's), (14, 45432), (18, 45447), (26, 45534), (31, 45615), (43, 45720), (46, 45744), (48, 45753), (54, 45777), (62, 45852), (66, 45876), (83, 46041), (119, 46314), (122, 46323), (132, 46386),

Gene: Koguma_112 Start: 56553, Stop: 57458, Start Num: 13

Candidate Starts for Koguma_112:

(Start: 13 @56553 has 190 MA's), (Start: 20 @56586 has 1 MA's), (33, 56766), (Start: 36 @56787 has 3 MA's), (37, 56793), (38, 56808), (39, 56817), (52, 56895), (56, 56919), (63, 56982), (72, 57063), (73, 57069), (78, 57129), (82, 57165), (84, 57183), (86, 57201), (92, 57222), (102, 57315), (103, 57321), (114, 57393), (119, 57438), (120, 57441),

Gene: LRRHood_108 Start: 58351, Stop: 59256, Start Num: 13

Candidate Starts for LRRHood_108:

(Start: 13 @58351 has 190 MA's), (Start: 20 @58384 has 1 MA's), (33, 58564), (Start: 36 @58585 has 3 MA's), (37, 58591), (38, 58606), (39, 58615), (52, 58693), (56, 58717), (63, 58780), (72, 58861), (73, 58867), (78, 58927), (82, 58963), (84, 58981), (86, 58999), (92, 59020), (102, 59113), (103, 59119), (114, 59191), (119, 59236), (120, 59239),

Gene: Labradorite_113 Start: 57090, Stop: 57995, Start Num: 13

Candidate Starts for Labradorite_113:

(Start: 13 @57090 has 190 MA's), (Start: 20 @57123 has 1 MA's), (33, 57303), (Start: 36 @57324 has 3 MA's), (37, 57330), (38, 57345), (39, 57354), (52, 57432), (56, 57456), (63, 57519), (72, 57600), (73, 57606), (78, 57666), (82, 57702), (84, 57720), (86, 57738), (92, 57759), (102, 57852), (103, 57858), (114, 57930), (119, 57975), (120, 57978),

Gene: Latch_115 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Latch_115:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Lee7_112 Start: 59642, Stop: 60547, Start Num: 13

Candidate Starts for Lee7_112:

(Start: 13 @59642 has 190 MA's), (Start: 20 @59675 has 1 MA's), (33, 59855), (Start: 36 @59876 has 3 MA's), (37, 59882), (38, 59897), (39, 59906), (52, 59984), (56, 60008), (63, 60071), (72, 60152), (73, 60158), (78, 60218), (82, 60254), (84, 60272), (86, 60290), (92, 60311), (102, 60404), (103, 60410), (114, 60482), (119, 60527), (120, 60530),

Gene: Lenoshki_39 Start: 29380, Stop: 30288, Start Num: 13

Candidate Starts for Lenoshki_39:

(Start: 13 @29380 has 190 MA's), (16, 29395), (33, 29596), (53, 29731), (73, 29896), (90, 30043), (103, 30151), (105, 30157), (109, 30193), (113, 30214), (116, 30244),

Gene: Lenoshki_117 Start: 85545, Stop: 86666, Start Num: 3

Candidate Starts for Lenoshki_117:

(Start: 3 @85545 has 20 MA's), (11, 85626), (14, 85650), (Start: 36 @85878 has 3 MA's), (37, 85884), (43, 85938), (51, 85971), (59, 86013), (62, 86061), (74, 86154), (78, 86211), (95, 86346), (98, 86373), (106, 86430), (107, 86433), (108, 86436), (119, 86523), (121, 86529), (125, 86568), (133, 86610),

Gene: Lethe_113 Start: 59080, Stop: 59985, Start Num: 13

Candidate Starts for Lethe_113:

(Start: 13 @59080 has 190 MA's), (Start: 20 @59113 has 1 MA's), (33, 59293), (Start: 36 @59314 has 3 MA's), (37, 59320), (38, 59335), (39, 59344), (52, 59422), (56, 59446), (63, 59509), (72, 59590), (73, 59596), (78, 59656), (82, 59692), (84, 59710), (86, 59728), (92, 59749), (102, 59842), (103, 59848), (114, 59920), (119, 59965), (120, 59968),

Gene: LifeSavor_113 Start: 58325, Stop: 59230, Start Num: 13

Candidate Starts for LifeSavor_113:

(Start: 13 @58325 has 190 MA's), (Start: 20 @58358 has 1 MA's), (33, 58538), (Start: 36 @58559 has 3 MA's), (37, 58565), (38, 58580), (39, 58589), (52, 58667), (56, 58691), (63, 58754), (72, 58835), (73, 58841), (78, 58901), (82, 58937), (84, 58955), (86, 58973), (92, 58994), (102, 59087), (103, 59093), (114, 59165), (119, 59210), (120, 59213),

Gene: LinStu_113 Start: 58960, Stop: 59865, Start Num: 13

Candidate Starts for LinStu_113:

(Start: 13 @58960 has 190 MA's), (Start: 20 @58993 has 1 MA's), (33, 59173), (Start: 36 @59194 has 3 MA's), (37, 59200), (39, 59224), (52, 59302), (56, 59326), (63, 59389), (72, 59470), (73, 59476), (78, 59536), (82, 59572), (84, 59590), (86, 59608), (92, 59629), (102, 59722), (103, 59728), (119, 59845), (120, 59848),

Gene: Littleton_115 Start: 58455, Stop: 59360, Start Num: 13

Candidate Starts for Littleton_115:

(Start: 13 @58455 has 190 MA's), (Start: 20 @58488 has 1 MA's), (33, 58668), (Start: 36 @58689 has 3 MA's), (37, 58695), (38, 58710), (39, 58719), (52, 58797), (56, 58821), (63, 58884), (72, 58965), (73, 58971), (78, 59031), (82, 59067), (84, 59085), (86, 59103), (92, 59124), (102, 59217), (103, 59223), (114, 59295), (119, 59340), (120, 59343),

Gene: Loanshark_114 Start: 58976, Stop: 59881, Start Num: 13

Candidate Starts for Loanshark_114:

(Start: 13 @58976 has 190 MA's), (Start: 20 @59009 has 1 MA's), (33, 59189), (Start: 36 @59210 has 3 MA's), (37, 59216), (38, 59231), (39, 59240), (52, 59318), (56, 59342), (63, 59405), (72, 59486), (73, 59492), (78, 59552), (82, 59588), (84, 59606), (86, 59624), (92, 59645), (102, 59738), (103, 59744), (114, 59816), (119, 59861), (120, 59864),

Gene: LolaVınca_115 Start: 59328, Stop: 60233, Start Num: 13

Candidate Starts for LolaVınca_115:

(Start: 13 @59328 has 190 MA's), (Start: 20 @59361 has 1 MA's), (33, 59541), (Start: 36 @59562 has 3 MA's), (37, 59568), (38, 59583), (39, 59592), (52, 59670), (56, 59694), (63, 59757), (72, 59838), (73, 59844), (78, 59904), (82, 59940), (84, 59958), (86, 59976), (92, 59997), (102, 60090), (103, 60096), (114, 60168), (119, 60213), (120, 60216),

Gene: LookingGlass_115 Start: 59153, Stop: 60058, Start Num: 13

Candidate Starts for LookingGlass_115:

(Start: 13 @59153 has 190 MA's), (Start: 20 @59186 has 1 MA's), (33, 59366), (Start: 36 @59387 has 3 MA's), (37, 59393), (38, 59408), (39, 59417), (52, 59495), (56, 59519), (63, 59582), (72, 59663), (73, 59669), (78, 59729), (82, 59765), (84, 59783), (86, 59801), (92, 59822), (102, 59915), (103, 59921), (114, 59993), (119, 60038), (120, 60041),

Gene: LordLeafolot_119 Start: 60295, Stop: 61200, Start Num: 13

Candidate Starts for LordLeafolot_119:

(Start: 13 @60295 has 190 MA's), (Start: 20 @60328 has 1 MA's), (33, 60508), (Start: 36 @60529 has 3 MA's), (37, 60535), (38, 60550), (39, 60559), (52, 60637), (56, 60661), (63, 60724), (72, 60805), (73, 60811), (78, 60871), (82, 60907), (84, 60925), (86, 60943), (92, 60964), (102, 61057), (103, 61063), (114, 61135), (119, 61180), (120, 61183),

Gene: Lukilu_105 Start: 58742, Stop: 59647, Start Num: 13

Candidate Starts for Lukilu_105:

(Start: 13 @58742 has 190 MA's), (Start: 20 @58775 has 1 MA's), (33, 58955), (Start: 36 @58976 has 3 MA's), (37, 58982), (39, 59006), (52, 59084), (56, 59108), (63, 59171), (72, 59252), (73, 59258), (78, 59318), (82, 59354), (84, 59372), (86, 59390), (92, 59411), (102, 59504), (103, 59510), (114, 59582), (119, 59627), (120, 59630),

Gene: Lunareta_113 Start: 60248, Stop: 61153, Start Num: 13

Candidate Starts for Lunareta_113:

(Start: 13 @60248 has 190 MA's), (Start: 20 @60281 has 1 MA's), (33, 60461), (Start: 36 @60482 has 3 MA's), (37, 60488), (38, 60503), (39, 60512), (52, 60590), (56, 60614), (63, 60677), (72, 60758), (73, 60764), (78, 60824), (82, 60860), (84, 60878), (86, 60896), (92, 60917), (102, 61010), (103, 61016), (114, 61088), (119, 61133), (120, 61136),

Gene: Maby2021_115 Start: 59102, Stop: 60007, Start Num: 13

Candidate Starts for Maby2021_115:

(Start: 13 @59102 has 190 MA's), (Start: 20 @59135 has 1 MA's), (33, 59315), (Start: 36 @59336 has 3 MA's), (37, 59342), (38, 59357), (39, 59366), (52, 59444), (56, 59468), (63, 59531), (72, 59612), (73, 59618), (78, 59678), (82, 59714), (84, 59732), (86, 59750), (92, 59771), (102, 59864), (103, 59870),

(114, 59942), (119, 59987), (120, 59990),

Gene: Makar_70 Start: 45687, Stop: 46802, Start Num: 3

Candidate Starts for Makar_70:

(Start: 3 @45687 has 20 MA's), (6, 45705), (14, 45789), (21, 45834), (26, 45891), (32, 45987), (Start: 36 @46017 has 3 MA's), (43, 46077), (46, 46101), (66, 46233), (74, 46299), (90, 46449), (97, 46521), (107, 46587), (119, 46671), (126, 46707),

Gene: Mangeria_115 Start: 59171, Stop: 60076, Start Num: 13

Candidate Starts for Mangeria_115:

(Start: 13 @59171 has 190 MA's), (Start: 20 @59204 has 1 MA's), (33, 59384), (Start: 36 @59405 has 3 MA's), (37, 59411), (38, 59426), (39, 59435), (52, 59513), (56, 59537), (63, 59600), (72, 59681), (73, 59687), (78, 59747), (82, 59783), (84, 59801), (86, 59819), (92, 59840), (102, 59933), (103, 59939), (114, 60011), (119, 60056), (120, 60059),

Gene: Matsumoto_113 Start: 57954, Stop: 58859, Start Num: 13

Candidate Starts for Matsumoto_113:

(Start: 13 @57954 has 190 MA's), (Start: 20 @57987 has 1 MA's), (33, 58167), (Start: 36 @58188 has 3 MA's), (37, 58194), (39, 58218), (52, 58296), (56, 58320), (63, 58383), (72, 58464), (73, 58470), (78, 58530), (82, 58566), (84, 58584), (86, 58602), (92, 58623), (102, 58716), (103, 58722), (114, 58794), (119, 58839), (120, 58842),

Gene: McGee_117 Start: 57707, Stop: 58612, Start Num: 13

Candidate Starts for McGee_117:

(Start: 13 @57707 has 190 MA's), (Start: 20 @57740 has 1 MA's), (33, 57920), (Start: 36 @57941 has 3 MA's), (37, 57947), (39, 57971), (52, 58049), (56, 58073), (63, 58136), (72, 58217), (73, 58223), (78, 58283), (82, 58319), (84, 58337), (86, 58355), (92, 58376), (102, 58469), (103, 58475), (119, 58592), (120, 58595),

Gene: McWolfish_113 Start: 58891, Stop: 59796, Start Num: 13

Candidate Starts for McWolfish_113:

(Start: 13 @58891 has 190 MA's), (Start: 20 @58924 has 1 MA's), (33, 59104), (Start: 36 @59125 has 3 MA's), (37, 59131), (38, 59146), (39, 59155), (52, 59233), (56, 59257), (63, 59320), (72, 59401), (73, 59407), (78, 59467), (82, 59503), (84, 59521), (86, 59539), (92, 59560), (102, 59653), (103, 59659), (114, 59731), (119, 59776), (120, 59779),

Gene: Megamind_114 Start: 58775, Stop: 59680, Start Num: 13

Candidate Starts for Megamind_114:

(Start: 13 @58775 has 190 MA's), (Start: 20 @58808 has 1 MA's), (33, 58988), (Start: 36 @59009 has 3 MA's), (37, 59015), (38, 59030), (39, 59039), (52, 59117), (56, 59141), (63, 59204), (72, 59285), (73, 59291), (78, 59351), (82, 59387), (84, 59405), (86, 59423), (92, 59444), (102, 59537), (103, 59543), (114, 59615), (119, 59660), (120, 59663),

Gene: Melpomini_109 Start: 56241, Stop: 57146, Start Num: 13

Candidate Starts for Melpomini_109:

(Start: 13 @56241 has 190 MA's), (Start: 20 @56274 has 1 MA's), (33, 56454), (Start: 36 @56475 has 3 MA's), (37, 56481), (38, 56496), (39, 56505), (52, 56583), (56, 56607), (63, 56670), (72, 56751), (73, 56757), (78, 56817), (82, 56853), (84, 56871), (86, 56889), (92, 56910), (102, 57003), (103, 57009), (114, 57081), (119, 57126), (120, 57129),

Gene: MikeLiesIn_116 Start: 59122, Stop: 60027, Start Num: 13

Candidate Starts for MikeLiesIn_116:

(Start: 13 @59122 has 190 MA's), (Start: 20 @59155 has 1 MA's), (33, 59335), (Start: 36 @59356 has 3 MA's), (37, 59362), (38, 59377), (39, 59386), (52, 59464), (56, 59488), (63, 59551), (72, 59632), (73, 59638), (78, 59698), (82, 59734), (84, 59752), (86, 59770), (92, 59791), (102, 59884), (103, 59890), (114, 59962), (119, 60007), (120, 60010),

Gene: Mikro_112 Start: 60345, Stop: 61250, Start Num: 13

Candidate Starts for Mikro_112:

(Start: 13 @60345 has 190 MA's), (Start: 20 @60378 has 1 MA's), (33, 60558), (Start: 36 @60579 has 3 MA's), (37, 60585), (38, 60600), (39, 60609), (52, 60687), (56, 60711), (63, 60774), (72, 60855), (73, 60861), (78, 60921), (82, 60957), (84, 60975), (86, 60993), (92, 61014), (102, 61107), (103, 61113), (114, 61185), (119, 61230), (120, 61233),

Gene: Mikronejon_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Mikronejon_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Mikronejon_116 Start: 84112, Stop: 85233, Start Num: 3

Candidate Starts for Mikronejon_116:

(Start: 3 @84112 has 20 MA's), (11, 84193), (14, 84217), (Start: 36 @84445 has 3 MA's), (37, 84451), (43, 84505), (51, 84538), (59, 84580), (62, 84628), (74, 84721), (78, 84778), (95, 84913), (98, 84940), (106, 84997), (107, 85000), (108, 85003), (119, 85090), (121, 85096), (125, 85135), (129, 85153), (133, 85177),

Gene: MintFritos_118 Start: 84586, Stop: 85707, Start Num: 3

Candidate Starts for MintFritos_118:

(Start: 3 @84586 has 20 MA's), (11, 84667), (14, 84691), (Start: 36 @84919 has 3 MA's), (37, 84925), (43, 84979), (51, 85012), (59, 85054), (62, 85102), (74, 85195), (78, 85252), (95, 85387), (98, 85414), (106, 85471), (107, 85474), (108, 85477), (119, 85564), (121, 85570), (125, 85609), (129, 85627), (133, 85651),

Gene: MintFritos_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for MintFritos_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: MoMoMixon_115 Start: 58598, Stop: 59503, Start Num: 13

Candidate Starts for MoMoMixon_115:

(Start: 13 @58598 has 190 MA's), (Start: 20 @58631 has 1 MA's), (33, 58811), (Start: 36 @58832 has 3 MA's), (37, 58838), (38, 58853), (39, 58862), (52, 58940), (56, 58964), (63, 59027), (72, 59108), (73, 59114), (78, 59174), (82, 59210), (84, 59228), (86, 59246), (92, 59267), (102, 59360), (103, 59366), (114, 59438), (119, 59483), (120, 59486),

Gene: Moiqah_105 Start: 55489, Stop: 56394, Start Num: 13

Candidate Starts for Moiqah_105:

(Start: 13 @55489 has 190 MA's), (Start: 20 @55522 has 1 MA's), (33, 55702), (Start: 36 @55723 has 3 MA's), (37, 55729), (39, 55753), (52, 55831), (56, 55855), (63, 55918), (72, 55999), (73, 56005), (78, 56065), (82, 56101), (84, 56119), (86, 56137), (92, 56158), (102, 56251), (103, 56257), (119, 56374), (120, 56377),

Gene: Momo_114 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Momo_114:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Montpel_113 Start: 60246, Stop: 61151, Start Num: 13

Candidate Starts for Montpel_113:

(Start: 13 @60246 has 190 MA's), (Start: 20 @60279 has 1 MA's), (33, 60459), (Start: 36 @60480 has 3 MA's), (37, 60486), (38, 60501), (39, 60510), (52, 60588), (56, 60612), (63, 60675), (72, 60756), (73, 60762), (78, 60822), (82, 60858), (84, 60876), (86, 60894), (92, 60915), (102, 61008), (103, 61014), (114, 61086), (119, 61131), (120, 61134),

Gene: Morizzled23_115 Start: 58002, Stop: 58907, Start Num: 13

Candidate Starts for Morizzled23_115:

(Start: 13 @58002 has 190 MA's), (Start: 20 @58035 has 1 MA's), (33, 58215), (Start: 36 @58236 has 3 MA's), (37, 58242), (38, 58257), (39, 58266), (52, 58344), (56, 58368), (63, 58431), (72, 58512), (73, 58518), (78, 58578), (82, 58614), (84, 58632), (86, 58650), (92, 58671), (102, 58764), (103, 58770), (114, 58842), (119, 58887), (120, 58890),

Gene: Myrna_111 Start: 57912, Stop: 58817, Start Num: 13

Candidate Starts for Myrna_111:

(Start: 13 @57912 has 190 MA's), (Start: 20 @57945 has 1 MA's), (31, 58101), (32, 58116), (33, 58125), (Start: 36 @58146 has 3 MA's), (45, 58221), (55, 58272), (56, 58278), (62, 58332), (64, 58341), (65, 58353), (66, 58356), (70, 58401), (72, 58419), (73, 58425), (78, 58485), (81, 58518), (82, 58521), (85, 58545), (89, 58569), (91, 58575), (102, 58674), (103, 58680), (111, 58728), (116, 58773),

Gene: Naija_114 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Naija_114:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Napoleon13_111 Start: 56679, Stop: 57584, Start Num: 13

Candidate Starts for Napoleon13_111:

(Start: 13 @56679 has 190 MA's), (Start: 20 @56712 has 1 MA's), (33, 56892), (Start: 36 @56913 has 3 MA's), (37, 56919), (38, 56934), (39, 56943), (52, 57021), (56, 57045), (63, 57108), (72, 57189), (73, 57195), (78, 57255), (82, 57291), (84, 57309), (86, 57327), (92, 57348), (102, 57441), (103, 57447), (114, 57519), (119, 57564), (120, 57567),

Gene: Nappy_117 Start: 60032, Stop: 60937, Start Num: 13

Candidate Starts for Nappy_117:

(Start: 13 @60032 has 190 MA's), (Start: 20 @60065 has 1 MA's), (33, 60245), (Start: 36 @60266 has 3 MA's), (37, 60272), (38, 60287), (39, 60296), (52, 60374), (56, 60398), (63, 60461), (72, 60542), (73, 60548), (78, 60608), (82, 60644), (84, 60662), (86, 60680), (92, 60701), (102, 60794), (103, 60800), (114, 60872), (119, 60917), (120, 60920),

Gene: Naval22_119 Start: 60565, Stop: 61470, Start Num: 13

Candidate Starts for Naval22_119:

(Start: 13 @60565 has 190 MA's), (Start: 20 @60598 has 1 MA's), (33, 60778), (Start: 36 @60799 has 3 MA's), (37, 60805), (38, 60820), (39, 60829), (52, 60907), (56, 60931), (63, 60994), (72, 61075), (73, 61081), (78, 61141), (82, 61177), (84, 61195), (86, 61213), (92, 61234), (102, 61327), (103, 61333),

(114, 61405), (119, 61450), (120, 61453),

Gene: NedWong_116 Start: 59109, Stop: 60014, Start Num: 13

Candidate Starts for NedWong_116:

(Start: 13 @59109 has 190 MA's), (Start: 20 @59142 has 1 MA's), (33, 59322), (Start: 36 @59343 has 3 MA's), (37, 59349), (38, 59364), (39, 59373), (52, 59451), (56, 59475), (63, 59538), (72, 59619), (73, 59625), (78, 59685), (82, 59721), (84, 59739), (86, 59757), (92, 59778), (102, 59871), (103, 59877), (114, 59949), (119, 59994), (120, 59997),

Gene: Ngannou_111 Start: 56619, Stop: 57524, Start Num: 13

Candidate Starts for Ngannou_111:

(Start: 13 @56619 has 190 MA's), (Start: 20 @56652 has 1 MA's), (33, 56832), (Start: 36 @56853 has 3 MA's), (37, 56859), (38, 56874), (39, 56883), (52, 56961), (56, 56985), (63, 57048), (72, 57129), (73, 57135), (78, 57195), (82, 57231), (84, 57249), (86, 57267), (92, 57288), (102, 57381), (103, 57387), (114, 57459), (119, 57504), (120, 57507),

Gene: NiceHouse_197 Start: 110241, Stop: 109129, Start Num: 3

Candidate Starts for NiceHouse_197:

(Start: 3 @110241 has 20 MA's), (25, 110046), (31, 109956), (34, 109926), (63, 109713), (76, 109581), (95, 109434),

Gene: Nidhogg_116 Start: 58843, Stop: 59748, Start Num: 13

Candidate Starts for Nidhogg_116:

(Start: 13 @58843 has 190 MA's), (Start: 20 @58876 has 1 MA's), (33, 59056), (Start: 36 @59077 has 3 MA's), (37, 59083), (38, 59098), (39, 59107), (52, 59185), (56, 59209), (63, 59272), (72, 59353), (73, 59359), (78, 59419), (82, 59455), (84, 59473), (86, 59491), (92, 59512), (102, 59605), (103, 59611), (114, 59683), (119, 59728), (120, 59731),

Gene: NoodleTree_122 Start: 59202, Stop: 60107, Start Num: 13

Candidate Starts for NoodleTree_122:

(Start: 13 @59202 has 190 MA's), (Start: 20 @59235 has 1 MA's), (33, 59415), (Start: 36 @59436 has 3 MA's), (37, 59442), (38, 59457), (39, 59466), (52, 59544), (56, 59568), (63, 59631), (72, 59712), (73, 59718), (78, 59778), (82, 59814), (84, 59832), (86, 59850), (92, 59871), (102, 59964), (103, 59970), (114, 60042), (119, 60087), (120, 60090),

Gene: Norm_116 Start: 59804, Stop: 60709, Start Num: 13

Candidate Starts for Norm_116:

(Start: 13 @59804 has 190 MA's), (Start: 20 @59837 has 1 MA's), (33, 60017), (Start: 36 @60038 has 3 MA's), (37, 60044), (38, 60059), (39, 60068), (52, 60146), (56, 60170), (63, 60233), (72, 60314), (73, 60320), (78, 60380), (82, 60416), (84, 60434), (86, 60452), (92, 60473), (102, 60566), (103, 60572), (114, 60644), (119, 60689), (120, 60692),

Gene: Nova53_195 Start: 107327, Stop: 106203, Start Num: 2

Candidate Starts for Nova53_195:

(Start: 2 @107327 has 3 MA's), (7, 107294), (11, 107246), (12, 107237), (17, 107213), (18, 107210), (19, 107204), (25, 107132), (33, 107018), (40, 106964), (60, 106832), (124, 106310), (126, 106304),

Gene: NuevoMundo_120 Start: 61383, Stop: 62288, Start Num: 13

Candidate Starts for NuevoMundo_120:

(Start: 13 @61383 has 190 MA's), (Start: 20 @61416 has 1 MA's), (33, 61596), (Start: 36 @61617 has 3 MA's), (37, 61623), (38, 61638), (39, 61647), (52, 61725), (56, 61749), (63, 61812), (72, 61893), (73, 61899), (78, 61959), (82, 61995), (84, 62013), (86, 62031), (92, 62052), (102, 62145), (103, 62151), (114, 62223), (119, 62268), (120, 62271),

Gene: Oogie_116 Start: 85595, Stop: 86716, Start Num: 3

Candidate Starts for Oogie_116:

(Start: 3 @85595 has 20 MA's), (11, 85676), (14, 85700), (Start: 36 @85928 has 3 MA's), (37, 85934), (43, 85988), (51, 86021), (59, 86063), (62, 86111), (74, 86204), (78, 86261), (95, 86396), (98, 86423), (106, 86480), (107, 86483), (108, 86486), (119, 86573), (121, 86579), (125, 86618), (133, 86660),

Gene: Oogie_39 Start: 29406, Stop: 30314, Start Num: 13

Candidate Starts for Oogie_39:

(Start: 13 @29406 has 190 MA's), (16, 29421), (33, 29622), (53, 29757), (73, 29922), (90, 30069), (103, 30177), (105, 30183), (109, 30219), (113, 30240), (116, 30270),

Gene: OrediggerDelux_112 Start: 59639, Stop: 60544, Start Num: 13

Candidate Starts for OrediggerDelux_112:

(Start: 13 @59639 has 190 MA's), (Start: 20 @59672 has 1 MA's), (33, 59852), (Start: 36 @59873 has 3 MA's), (37, 59879), (38, 59894), (39, 59903), (52, 59981), (56, 60005), (63, 60068), (72, 60149), (73, 60155), (78, 60215), (82, 60251), (84, 60269), (86, 60287), (92, 60308), (102, 60401), (103, 60407), (114, 60479), (119, 60524), (120, 60527),

Gene: Pakusa_115 Start: 83560, Stop: 84681, Start Num: 3

Candidate Starts for Pakusa_115:

(Start: 3 @83560 has 20 MA's), (11, 83641), (14, 83665), (Start: 36 @83893 has 3 MA's), (37, 83899), (43, 83953), (51, 83986), (59, 84028), (62, 84076), (74, 84169), (78, 84226), (95, 84361), (98, 84388), (106, 84445), (107, 84448), (108, 84451), (119, 84538), (121, 84544), (125, 84583), (129, 84601), (133, 84625),

Gene: Pakusa_37 Start: 27442, Stop: 28350, Start Num: 13

Candidate Starts for Pakusa_37:

(Start: 13 @27442 has 190 MA's), (16, 27457), (33, 27658), (Start: 36 @27679 has 3 MA's), (53, 27793), (73, 27958), (90, 28105), (103, 28213), (105, 28219), (109, 28255), (113, 28276), (116, 28306),

Gene: ParkTD_116 Start: 59105, Stop: 60010, Start Num: 13

Candidate Starts for ParkTD_116:

(Start: 13 @59105 has 190 MA's), (Start: 20 @59138 has 1 MA's), (33, 59318), (Start: 36 @59339 has 3 MA's), (37, 59345), (38, 59360), (39, 59369), (52, 59447), (56, 59471), (63, 59534), (72, 59615), (73, 59621), (78, 59681), (82, 59717), (84, 59735), (86, 59753), (92, 59774), (102, 59867), (103, 59873), (114, 59945), (119, 59990), (120, 59993),

Gene: Patter_115 Start: 57654, Stop: 58559, Start Num: 13

Candidate Starts for Patter_115:

(Start: 13 @57654 has 190 MA's), (Start: 20 @57687 has 1 MA's), (33, 57867), (Start: 36 @57888 has 3 MA's), (37, 57894), (38, 57909), (39, 57918), (52, 57996), (56, 58020), (63, 58083), (72, 58164), (73, 58170), (78, 58230), (82, 58266), (84, 58284), (86, 58302), (92, 58323), (102, 58416), (103, 58422), (114, 58494), (119, 58539), (120, 58542),

Gene: Phabba_114 Start: 56339, Stop: 57244, Start Num: 13

Candidate Starts for Phabba_114:

(Start: 13 @56339 has 190 MA's), (15, 56351), (Start: 20 @56372 has 1 MA's), (33, 56552), (34, 56558), (Start: 36 @56573 has 3 MA's), (62, 56759), (63, 56765), (66, 56783), (72, 56846), (73, 56852), (78, 56912), (81, 56945), (82, 56948), (91, 57002), (103, 57107), (104, 57110), (115, 57185), (120, 57227),

Gene: PharkleMinkus_118 Start: 59443, Stop: 60348, Start Num: 13

Candidate Starts for PharkleMinkus_118:

(Start: 13 @59443 has 190 MA's), (Start: 20 @59476 has 1 MA's), (33, 59656), (Start: 36 @59677 has 3 MA's), (37, 59683), (38, 59698), (39, 59707), (52, 59785), (56, 59809), (63, 59872), (72, 59953), (73, 59959), (78, 60019), (82, 60055), (84, 60073), (86, 60091), (92, 60112), (102, 60205), (103, 60211), (114, 60283), (119, 60328), (120, 60331),

Gene: Phlegm_117 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Phlegm_117:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Phox_112 Start: 59385, Stop: 60290, Start Num: 13

Candidate Starts for Phox_112:

(Start: 13 @59385 has 190 MA's), (Start: 20 @59418 has 1 MA's), (33, 59598), (Start: 36 @59619 has 3 MA's), (37, 59625), (38, 59640), (39, 59649), (52, 59727), (56, 59751), (63, 59814), (72, 59895), (73, 59901), (78, 59961), (82, 59997), (84, 60015), (86, 60033), (92, 60054), (102, 60147), (103, 60153), (114, 60225), (119, 60270), (120, 60273),

Gene: Phrappuccino_70 Start: 49437, Stop: 50219, Start Num: 36

Candidate Starts for Phrappuccino_70:

(Start: 36 @49437 has 3 MA's), (42, 49491), (57, 49575), (58, 49581), (77, 49782), (78, 49788), (96, 49932), (105, 49980), (115, 50052), (121, 50094), (128, 50139), (134, 50175),

Gene: Phusco_115 Start: 58402, Stop: 59307, Start Num: 13

Candidate Starts for Phusco_115:

(Start: 13 @58402 has 190 MA's), (Start: 20 @58435 has 1 MA's), (33, 58615), (Start: 36 @58636 has 3 MA's), (37, 58642), (38, 58657), (39, 58666), (52, 58744), (56, 58768), (63, 58831), (72, 58912), (73, 58918), (78, 58978), (82, 59014), (84, 59032), (86, 59050), (92, 59071), (102, 59164), (103, 59170), (114, 59242), (119, 59287), (120, 59290),

Gene: Pier_119 Start: 61391, Stop: 62296, Start Num: 13

Candidate Starts for Pier_119:

(Start: 13 @61391 has 190 MA's), (Start: 20 @61424 has 1 MA's), (33, 61604), (Start: 36 @61625 has 3 MA's), (37, 61631), (38, 61646), (39, 61655), (52, 61733), (56, 61757), (63, 61820), (72, 61901), (73, 61907), (78, 61967), (82, 62003), (84, 62021), (86, 62039), (92, 62060), (102, 62153), (103, 62159), (114, 62231), (119, 62276), (120, 62279),

Gene: Pinkcreek_106 Start: 56726, Stop: 57631, Start Num: 13

Candidate Starts for Pinkcreek_106:

(Start: 13 @56726 has 190 MA's), (Start: 20 @56759 has 1 MA's), (33, 56939), (Start: 36 @56960 has 3 MA's), (37, 56966), (38, 56981), (39, 56990), (52, 57068), (56, 57092), (63, 57155), (72, 57236), (73, 57242), (78, 57302), (82, 57338), (84, 57356), (86, 57374), (92, 57395), (102, 57488), (103, 57494), (119, 57611), (120, 57614),

Gene: Pio_119 Start: 60995, Stop: 61900, Start Num: 13

Candidate Starts for Pio_119:

(Start: 13 @60995 has 190 MA's), (Start: 20 @61028 has 1 MA's), (33, 61208), (Start: 36 @61229 has 3 MA's), (37, 61235), (38, 61250), (39, 61259), (52, 61337), (56, 61361), (63, 61424), (72, 61505), (73, 61511), (78, 61571), (82, 61607), (84, 61625), (86, 61643), (92, 61664), (102, 61757), (103, 61763), (114, 61835), (119, 61880), (120, 61883),

Gene: Pivoine_114 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for Pivoine_114:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Pleione_118 Start: 59272, Stop: 60177, Start Num: 13

Candidate Starts for Pleione_118:

(Start: 13 @59272 has 190 MA's), (Start: 20 @59305 has 1 MA's), (33, 59485), (Start: 36 @59506 has 3 MA's), (37, 59512), (38, 59527), (39, 59536), (52, 59614), (56, 59638), (63, 59701), (72, 59782), (73, 59788), (78, 59848), (82, 59884), (84, 59902), (86, 59920), (92, 59941), (102, 60034), (103, 60040), (114, 60112), (119, 60157), (120, 60160),

Gene: Primadonna_108 Start: 57767, Stop: 58672, Start Num: 13

Candidate Starts for Primadonna_108:

(Start: 13 @57767 has 190 MA's), (Start: 20 @57800 has 1 MA's), (33, 57980), (Start: 36 @58001 has 3 MA's), (37, 58007), (38, 58022), (39, 58031), (52, 58109), (56, 58133), (63, 58196), (72, 58277), (73, 58283), (78, 58343), (82, 58379), (84, 58397), (86, 58415), (92, 58436), (102, 58529), (103, 58535), (114, 58607), (119, 58652), (120, 58655),

Gene: Pupusa_120 Start: 60484, Stop: 61389, Start Num: 13

Candidate Starts for Pupusa_120:

(Start: 13 @60484 has 190 MA's), (Start: 20 @60517 has 1 MA's), (33, 60697), (Start: 36 @60718 has 3 MA's), (37, 60724), (38, 60739), (39, 60748), (52, 60826), (56, 60850), (63, 60913), (72, 60994), (73, 61000), (78, 61060), (82, 61096), (84, 61114), (86, 61132), (92, 61153), (102, 61246), (103, 61252), (114, 61324), (119, 61369), (120, 61372),

Gene: PurduePete_115 Start: 59529, Stop: 60434, Start Num: 13

Candidate Starts for PurduePete_115:

(Start: 13 @59529 has 190 MA's), (Start: 20 @59562 has 1 MA's), (33, 59742), (Start: 36 @59763 has 3 MA's), (37, 59769), (38, 59784), (39, 59793), (52, 59871), (56, 59895), (63, 59958), (72, 60039), (73, 60045), (78, 60105), (82, 60141), (84, 60159), (86, 60177), (92, 60198), (102, 60291), (103, 60297), (114, 60369), (119, 60414), (120, 60417),

Gene: Purplicious_68 Start: 45098, Stop: 46213, Start Num: 3

Candidate Starts for Purplicious_68:

(Start: 3 @45098 has 20 MA's), (14, 45200), (18, 45215), (26, 45302), (31, 45383), (Start: 36 @45428 has 3 MA's), (43, 45488), (46, 45512), (48, 45521), (54, 45545), (62, 45620), (66, 45644), (83, 45809), (105, 45977), (119, 46082), (122, 46091), (132, 46154),

Gene: QBert_109 Start: 58109, Stop: 59014, Start Num: 13

Candidate Starts for QBert_109:

(Start: 13 @58109 has 190 MA's), (Start: 20 @58142 has 1 MA's), (33, 58322), (Start: 36 @58343 has 3 MA's), (37, 58349), (39, 58373), (52, 58451), (56, 58475), (63, 58538), (72, 58619), (73, 58625), (78, 58685), (82, 58721), (84, 58739), (86, 58757), (92, 58778), (102, 58871), (103, 58877), (114, 58949), (119, 58994), (120, 58997),

Gene: Quasimodo_116 Start: 59064, Stop: 59969, Start Num: 13

Candidate Starts for Quasimodo_116:

(Start: 13 @59064 has 190 MA's), (Start: 20 @59097 has 1 MA's), (33, 59277), (Start: 36 @59298 has 3 MA's), (37, 59304), (38, 59319), (39, 59328), (52, 59406), (56, 59430), (63, 59493), (72, 59574), (73,

59580), (78, 59640), (82, 59676), (84, 59694), (86, 59712), (92, 59733), (102, 59826), (103, 59832), (114, 59904), (119, 59949), (120, 59952),

Gene: Rabinovich_112 Start: 59302, Stop: 60207, Start Num: 13

Candidate Starts for Rabinovich_112:

(Start: 13 @59302 has 190 MA's), (Start: 20 @59335 has 1 MA's), (33, 59515), (Start: 36 @59536 has 3 MA's), (37, 59542), (39, 59566), (52, 59644), (56, 59668), (63, 59731), (72, 59812), (73, 59818), (78, 59878), (82, 59914), (84, 59932), (86, 59950), (92, 59971), (102, 60064), (103, 60070), (114, 60142), (119, 60187), (120, 60190),

Gene: Rahel_114 Start: 57994, Stop: 58899, Start Num: 13

Candidate Starts for Rahel_114:

(Start: 13 @57994 has 190 MA's), (Start: 20 @58027 has 1 MA's), (33, 58207), (Start: 36 @58228 has 3 MA's), (37, 58234), (38, 58249), (39, 58258), (52, 58336), (56, 58360), (63, 58423), (72, 58504), (73, 58510), (78, 58570), (82, 58606), (84, 58624), (86, 58642), (92, 58663), (102, 58756), (103, 58762), (114, 58834), (119, 58879), (120, 58882),

Gene: Rizal_110 Start: 57142, Stop: 58047, Start Num: 13

Candidate Starts for Rizal_110:

(Start: 13 @57142 has 190 MA's), (Start: 20 @57175 has 1 MA's), (33, 57355), (Start: 36 @57376 has 3 MA's), (37, 57382), (38, 57397), (39, 57406), (52, 57484), (56, 57508), (63, 57571), (72, 57652), (73, 57658), (78, 57718), (82, 57754), (84, 57772), (86, 57790), (92, 57811), (102, 57904), (103, 57910), (114, 57982), (119, 58027), (120, 58030),

Gene: RoMag_110 Start: 58315, Stop: 59220, Start Num: 13

Candidate Starts for RoMag_110:

(Start: 13 @58315 has 190 MA's), (Start: 20 @58348 has 1 MA's), (33, 58528), (Start: 36 @58549 has 3 MA's), (37, 58555), (38, 58570), (39, 58579), (52, 58657), (56, 58681), (63, 58744), (72, 58825), (73, 58831), (78, 58891), (82, 58927), (84, 58945), (86, 58963), (92, 58984), (102, 59077), (103, 59083), (114, 59155), (119, 59200), (120, 59203),

Gene: Rocha_113 Start: 58568, Stop: 59473, Start Num: 13

Candidate Starts for Rocha_113:

(Start: 13 @58568 has 190 MA's), (Start: 20 @58601 has 1 MA's), (33, 58781), (Start: 36 @58802 has 3 MA's), (37, 58808), (38, 58823), (39, 58832), (52, 58910), (56, 58934), (63, 58997), (72, 59078), (73, 59084), (78, 59144), (82, 59180), (84, 59198), (86, 59216), (92, 59237), (102, 59330), (103, 59336), (114, 59408), (119, 59453), (120, 59456),

Gene: Ronan_109 Start: 56265, Stop: 57170, Start Num: 13

Candidate Starts for Ronan_109:

(Start: 13 @56265 has 190 MA's), (Start: 20 @56298 has 1 MA's), (33, 56478), (Start: 36 @56499 has 3 MA's), (37, 56505), (38, 56520), (39, 56529), (52, 56607), (56, 56631), (63, 56694), (72, 56775), (73, 56781), (78, 56841), (82, 56877), (84, 56895), (86, 56913), (92, 56934), (102, 57027), (103, 57033), (114, 57105), (119, 57150), (120, 57153),

Gene: Roots515_113 Start: 59302, Stop: 60207, Start Num: 13

Candidate Starts for Roots515_113:

(Start: 13 @59302 has 190 MA's), (Start: 20 @59335 has 1 MA's), (33, 59515), (Start: 36 @59536 has 3 MA's), (37, 59542), (38, 59557), (39, 59566), (52, 59644), (56, 59668), (63, 59731), (72, 59812), (73, 59818), (78, 59878), (82, 59914), (84, 59932), (86, 59950), (92, 59971), (102, 60064), (103, 60070), (114, 60142), (119, 60187), (120, 60190),

Gene: SVoro_112 Start: 59479, Stop: 60384, Start Num: 13

Candidate Starts for SVoro_112:

(Start: 13 @59479 has 190 MA's), (Start: 20 @59512 has 1 MA's), (33, 59692), (Start: 36 @59713 has 3 MA's), (37, 59719), (38, 59734), (39, 59743), (52, 59821), (56, 59845), (63, 59908), (72, 59989), (73, 59995), (78, 60055), (82, 60091), (84, 60109), (86, 60127), (92, 60148), (102, 60241), (103, 60247), (114, 60319), (119, 60364), (120, 60367),

Gene: Salacia_119 Start: 59443, Stop: 60348, Start Num: 13

Candidate Starts for Salacia_119:

(Start: 13 @59443 has 190 MA's), (Start: 20 @59476 has 1 MA's), (33, 59656), (Start: 36 @59677 has 3 MA's), (37, 59683), (38, 59698), (39, 59707), (52, 59785), (56, 59809), (63, 59872), (72, 59953), (73, 59959), (78, 60019), (82, 60055), (84, 60073), (86, 60091), (92, 60112), (102, 60205), (103, 60211), (114, 60283), (119, 60328), (120, 60331),

Gene: Sauce_115 Start: 58049, Stop: 58954, Start Num: 13

Candidate Starts for Sauce_115:

(Start: 13 @58049 has 190 MA's), (Start: 20 @58082 has 1 MA's), (33, 58262), (Start: 36 @58283 has 3 MA's), (37, 58289), (38, 58304), (39, 58313), (52, 58391), (56, 58415), (63, 58478), (72, 58559), (73, 58565), (78, 58625), (82, 58661), (84, 58679), (86, 58697), (92, 58718), (102, 58811), (103, 58817), (114, 58889), (119, 58934), (120, 58937),

Gene: ScarletRaider_38 Start: 30584, Stop: 31492, Start Num: 13

Candidate Starts for ScarletRaider_38:

(Start: 13 @30584 has 190 MA's), (16, 30599), (31, 30776), (37, 30827), (47, 30908), (48, 30917), (57, 30959), (62, 31007), (65, 31028), (70, 31076), (73, 31100), (79, 31187), (81, 31196), (94, 31274), (102, 31349), (103, 31355), (105, 31361), (109, 31397), (113, 31418), (114, 31427), (116, 31448),

Gene: ScarletRaider_119 Start: 86797, Stop: 87924, Start Num: 3

Candidate Starts for ScarletRaider_119:

(Start: 3 @86797 has 20 MA's), (8, 86845), (14, 86899), (17, 86911), (21, 86944), (23, 86968), (25, 86992), (37, 87133), (43, 87187), (62, 87319), (74, 87412), (78, 87469), (90, 87562), (95, 87604), (98, 87631), (105, 87670), (106, 87688), (107, 87691), (108, 87694), (125, 87826), (129, 87844), (133, 87868),

Gene: Schomber_38 Start: 27450, Stop: 28358, Start Num: 13

Candidate Starts for Schomber_38:

(Start: 13 @27450 has 190 MA's), (16, 27465), (33, 27666), (Start: 36 @27687 has 3 MA's), (53, 27801), (73, 27966), (90, 28113), (103, 28221), (105, 28227), (109, 28263), (113, 28284), (116, 28314),

Gene: Schomber_119 Start: 83963, Stop: 85084, Start Num: 3

Candidate Starts for Schomber_119:

(Start: 3 @83963 has 20 MA's), (11, 84044), (14, 84068), (Start: 36 @84296 has 3 MA's), (37, 84302), (43, 84356), (51, 84389), (59, 84431), (62, 84479), (74, 84572), (78, 84629), (95, 84764), (98, 84791), (106, 84848), (107, 84851), (108, 84854), (119, 84941), (121, 84947), (125, 84986), (129, 85004), (133, 85028),

Gene: ScoobyDoobyDoo_105 Start: 55941, Stop: 56846, Start Num: 13

Candidate Starts for ScoobyDoobyDoo_105:

(Start: 13 @55941 has 190 MA's), (15, 55953), (Start: 20 @55974 has 1 MA's), (33, 56154), (Start: 36 @56175 has 3 MA's), (45, 56250), (49, 56274), (56, 56307), (73, 56454), (78, 56514), (81, 56547), (82, 56550), (84, 56571), (91, 56604), (103, 56709), (104, 56712), (109, 56751), (120, 56829),

Gene: ScottMcG_111 Start: 58065, Stop: 58970, Start Num: 13

Candidate Starts for ScottMcG_111:

(Start: 13 @58065 has 190 MA's), (Start: 20 @58098 has 1 MA's), (33, 58278), (Start: 36 @58299 has 3 MA's), (37, 58305), (38, 58320), (39, 58329), (52, 58407), (56, 58431), (63, 58494), (72, 58575), (73, 58581), (78, 58641), (82, 58677), (84, 58695), (86, 58713), (92, 58734), (102, 58827), (103, 58833), (114, 58905), (119, 58950), (120, 58953),

Gene: Sebata_115 Start: 59518, Stop: 60423, Start Num: 13

Candidate Starts for Sebata_115:

(Start: 13 @59518 has 190 MA's), (Start: 20 @59551 has 1 MA's), (33, 59731), (Start: 36 @59752 has 3 MA's), (37, 59758), (39, 59782), (52, 59860), (56, 59884), (63, 59947), (72, 60028), (73, 60034), (78, 60094), (82, 60130), (84, 60148), (86, 60166), (92, 60187), (102, 60280), (103, 60286), (119, 60403), (120, 60406),

Gene: Settecandela_70 Start: 49437, Stop: 50219, Start Num: 36

Candidate Starts for Settecandela_70:

(Start: 36 @49437 has 3 MA's), (42, 49491), (57, 49575), (58, 49581), (77, 49782), (78, 49788), (96, 49932), (105, 49980), (115, 50052), (121, 50094), (128, 50139), (134, 50175),

Gene: Shaqnato_108 Start: 57109, Stop: 58014, Start Num: 13

Candidate Starts for Shaqnato_108:

(Start: 13 @57109 has 190 MA's), (Start: 20 @57142 has 1 MA's), (33, 57322), (Start: 36 @57343 has 3 MA's), (37, 57349), (38, 57364), (39, 57373), (52, 57451), (56, 57475), (63, 57538), (72, 57619), (73, 57625), (78, 57685), (82, 57721), (84, 57739), (86, 57757), (92, 57778), (102, 57871), (103, 57877), (114, 57949), (119, 57994), (120, 57997),

Gene: Shelob_117 Start: 59891, Stop: 60796, Start Num: 13

Candidate Starts for Shelob_117:

(Start: 13 @59891 has 190 MA's), (Start: 20 @59924 has 1 MA's), (33, 60104), (Start: 36 @60125 has 3 MA's), (37, 60131), (38, 60146), (39, 60155), (52, 60233), (56, 60257), (63, 60320), (72, 60401), (73, 60407), (78, 60467), (82, 60503), (84, 60521), (86, 60539), (92, 60560), (102, 60653), (103, 60659), (119, 60776), (120, 60779),

Gene: ShiaLabeouf_114 Start: 58429, Stop: 59334, Start Num: 13

Candidate Starts for ShiaLabeouf_114:

(Start: 13 @58429 has 190 MA's), (Start: 20 @58462 has 1 MA's), (33, 58642), (Start: 36 @58663 has 3 MA's), (37, 58669), (38, 58684), (39, 58693), (52, 58771), (56, 58795), (63, 58858), (72, 58939), (73, 58945), (78, 59005), (82, 59041), (84, 59059), (86, 59077), (92, 59098), (102, 59191), (103, 59197), (114, 59269), (119, 59314), (120, 59317),

Gene: Shifa_103 Start: 56900, Stop: 57805, Start Num: 13

Candidate Starts for Shifa_103:

(Start: 13 @56900 has 190 MA's), (Start: 20 @56933 has 1 MA's), (33, 57113), (Start: 36 @57134 has 3 MA's), (37, 57140), (39, 57164), (52, 57242), (56, 57266), (63, 57329), (72, 57410), (73, 57416), (78, 57476), (82, 57512), (84, 57530), (86, 57548), (92, 57569), (102, 57662), (103, 57668), (119, 57785), (120, 57788),

Gene: Shnickers_115 Start: 58393, Stop: 59298, Start Num: 13

Candidate Starts for Shnickers_115:

(Start: 13 @58393 has 190 MA's), (Start: 20 @58426 has 1 MA's), (33, 58606), (Start: 36 @58627 has 3 MA's), (37, 58633), (38, 58648), (39, 58657), (52, 58735), (56, 58759), (63, 58822), (72, 58903), (73, 58909), (78, 58969), (82, 59005), (84, 59023), (86, 59041), (92, 59062), (102, 59155), (103, 59161), (114, 59233), (119, 59278), (120, 59281),

Gene: Shrimp_115 Start: 59113, Stop: 60018, Start Num: 13

Candidate Starts for Shrimp_115:

(Start: 13 @59113 has 190 MA's), (Start: 20 @59146 has 1 MA's), (33, 59326), (Start: 36 @59347 has 3 MA's), (37, 59353), (38, 59368), (39, 59377), (52, 59455), (56, 59479), (63, 59542), (72, 59623), (73, 59629), (78, 59689), (82, 59725), (84, 59743), (86, 59761), (92, 59782), (102, 59875), (103, 59881), (114, 59953), (119, 59998), (120, 60001),

Gene: SilverDipper_116 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for SilverDipper_116:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: SmallFry_115 Start: 57618, Stop: 58523, Start Num: 13

Candidate Starts for SmallFry_115:

(Start: 13 @57618 has 190 MA's), (Start: 20 @57651 has 1 MA's), (33, 57831), (Start: 36 @57852 has 3 MA's), (37, 57858), (38, 57873), (39, 57882), (52, 57960), (56, 57984), (63, 58047), (72, 58128), (73, 58134), (78, 58194), (82, 58230), (84, 58248), (86, 58266), (92, 58287), (102, 58380), (103, 58386), (114, 58458), (119, 58503), (120, 58506),

Gene: Soos_65 Start: 45059, Stop: 46174, Start Num: 3

Candidate Starts for Soos_65:

(Start: 3 @45059 has 20 MA's), (14, 45161), (18, 45176), (26, 45263), (31, 45344), (43, 45449), (46, 45473), (48, 45482), (54, 45506), (62, 45581), (66, 45605), (83, 45770), (119, 46043), (122, 46052), (132, 46115),

Gene: Spec_110 Start: 58158, Stop: 59063, Start Num: 13

Candidate Starts for Spec_110:

(Start: 13 @58158 has 190 MA's), (Start: 20 @58191 has 1 MA's), (33, 58371), (Start: 36 @58392 has 3 MA's), (37, 58398), (38, 58413), (39, 58422), (52, 58500), (56, 58524), (63, 58587), (72, 58668), (73, 58674), (78, 58734), (82, 58770), (84, 58788), (86, 58806), (92, 58827), (102, 58920), (103, 58926), (114, 58998), (119, 59043), (120, 59046),

Gene: Specks_120 Start: 60293, Stop: 61198, Start Num: 13

Candidate Starts for Specks_120:

(Start: 13 @60293 has 190 MA's), (Start: 20 @60326 has 1 MA's), (33, 60506), (Start: 36 @60527 has 3 MA's), (37, 60533), (38, 60548), (39, 60557), (52, 60635), (56, 60659), (63, 60722), (72, 60803), (73, 60809), (78, 60869), (82, 60905), (84, 60923), (86, 60941), (92, 60962), (102, 61055), (103, 61061), (119, 61178), (120, 61181),

Gene: Sprinklers_111 Start: 57674, Stop: 58579, Start Num: 13

Candidate Starts for Sprinklers_111:

(Start: 13 @57674 has 190 MA's), (Start: 20 @57707 has 1 MA's), (33, 57887), (Start: 36 @57908 has 3 MA's), (37, 57914), (39, 57938), (52, 58016), (56, 58040), (63, 58103), (72, 58184), (73, 58190), (78, 58250), (82, 58286), (84, 58304), (86, 58322), (92, 58343), (102, 58436), (103, 58442), (114, 58514), (119, 58559), (120, 58562),

Gene: Spud_114 Start: 59189, Stop: 60094, Start Num: 13

Candidate Starts for Spud_114:

(Start: 13 @59189 has 190 MA's), (Start: 20 @59222 has 1 MA's), (33, 59402), (Start: 36 @59423 has 3 MA's), (37, 59429), (38, 59444), (39, 59453), (52, 59531), (56, 59555), (63, 59618), (72, 59699), (73, 59705), (78, 59765), (82, 59801), (84, 59819), (86, 59837), (92, 59858), (102, 59951), (103, 59957),

(114, 60029), (119, 60074), (120, 60077),

Gene: SrishMeg2525_114 Start: 59211, Stop: 60116, Start Num: 13

Candidate Starts for SrishMeg2525_114:

(Start: 13 @59211 has 190 MA's), (Start: 20 @59244 has 1 MA's), (33, 59424), (Start: 36 @59445 has 3 MA's), (37, 59451), (38, 59466), (39, 59475), (52, 59553), (56, 59577), (63, 59640), (72, 59721), (73, 59727), (78, 59787), (82, 59823), (84, 59841), (86, 59859), (92, 59880), (102, 59973), (103, 59979), (114, 60051), (119, 60096), (120, 60099),

Gene: StephanieG_113 Start: 60020, Stop: 60925, Start Num: 13

Candidate Starts for StephanieG_113:

(Start: 13 @60020 has 190 MA's), (Start: 20 @60053 has 1 MA's), (33, 60233), (Start: 36 @60254 has 3 MA's), (37, 60260), (38, 60275), (39, 60284), (52, 60362), (56, 60386), (63, 60449), (72, 60530), (73, 60536), (78, 60596), (82, 60632), (84, 60650), (86, 60668), (92, 60689), (102, 60782), (103, 60788), (114, 60860), (119, 60905), (120, 60908),

Gene: Stillion_69 Start: 45656, Stop: 46771, Start Num: 3

Candidate Starts for Stillion_69:

(Start: 3 @45656 has 20 MA's), (14, 45758), (18, 45773), (26, 45860), (31, 45941), (43, 46046), (46, 46070), (48, 46079), (54, 46103), (62, 46178), (66, 46202), (83, 46367), (119, 46640), (122, 46649), (132, 46712),

Gene: Sting_68 Start: 45498, Stop: 46613, Start Num: 3

Candidate Starts for Sting_68:

(Start: 3 @45498 has 20 MA's), (14, 45600), (18, 45615), (26, 45702), (31, 45783), (Start: 36 @45828 has 3 MA's), (43, 45888), (46, 45912), (48, 45921), (54, 45945), (62, 46020), (66, 46044), (83, 46209), (105, 46377), (119, 46482), (122, 46491), (132, 46554),

Gene: Stubby_107 Start: 57216, Stop: 58121, Start Num: 13

Candidate Starts for Stubby_107:

(Start: 13 @57216 has 190 MA's), (Start: 20 @57249 has 1 MA's), (33, 57429), (Start: 36 @57450 has 3 MA's), (37, 57456), (38, 57471), (39, 57480), (52, 57558), (56, 57582), (63, 57645), (72, 57726), (73, 57732), (78, 57792), (82, 57828), (84, 57846), (86, 57864), (92, 57885), (102, 57978), (103, 57984), (119, 58101), (120, 58104),

Gene: StubbySaigey_118 Start: 57807, Stop: 58712, Start Num: 13

Candidate Starts for StubbySaigey_118:

(Start: 13 @57807 has 190 MA's), (Start: 20 @57840 has 1 MA's), (33, 58020), (Start: 36 @58041 has 3 MA's), (37, 58047), (38, 58062), (39, 58071), (52, 58149), (56, 58173), (63, 58236), (72, 58317), (73, 58323), (78, 58383), (82, 58419), (84, 58437), (86, 58455), (92, 58476), (102, 58569), (103, 58575), (114, 58647), (119, 58692), (120, 58695),

Gene: Substance289_112 Start: 57911, Stop: 58816, Start Num: 13

Candidate Starts for Substance289_112:

(Start: 13 @57911 has 190 MA's), (Start: 20 @57944 has 1 MA's), (33, 58124), (Start: 36 @58145 has 3 MA's), (37, 58151), (38, 58166), (39, 58175), (52, 58253), (56, 58277), (63, 58340), (72, 58421), (73, 58427), (78, 58487), (82, 58523), (84, 58541), (86, 58559), (92, 58580), (102, 58673), (103, 58679), (114, 58751), (119, 58796), (120, 58799),

Gene: Sunfish_38 Start: 20443, Stop: 21225, Start Num: 36

Candidate Starts for Sunfish_38:

(Start: 36 @20443 has 3 MA's), (39, 20473), (66, 20662), (68, 20668), (93, 20884), (117, 21082),

Gene: Tainan_118 Start: 59615, Stop: 60520, Start Num: 13

Candidate Starts for Tainan_118:

(Start: 13 @59615 has 190 MA's), (Start: 20 @59648 has 1 MA's), (33, 59828), (Start: 36 @59849 has 3 MA's), (37, 59855), (38, 59870), (39, 59879), (52, 59957), (56, 59981), (63, 60044), (72, 60125), (73, 60131), (78, 60191), (82, 60227), (84, 60245), (86, 60263), (92, 60284), (102, 60377), (103, 60383), (114, 60455), (119, 60500), (120, 60503),

Gene: Teardrop_114 Start: 57617, Stop: 58522, Start Num: 13

Candidate Starts for Teardrop_114:

(Start: 13 @57617 has 190 MA's), (Start: 20 @57650 has 1 MA's), (33, 57830), (Start: 36 @57851 has 3 MA's), (37, 57857), (38, 57872), (39, 57881), (52, 57959), (56, 57983), (63, 58046), (72, 58127), (73, 58133), (78, 58193), (82, 58229), (84, 58247), (86, 58265), (92, 58286), (102, 58379), (103, 58385), (119, 58502), (120, 58505),

Gene: Thales_103 Start: 80284, Stop: 81411, Start Num: 3

Candidate Starts for Thales_103:

(Start: 3 @80284 has 20 MA's), (7, 80317), (17, 80398), (31, 80569), (39, 80644), (43, 80674), (44, 80680), (45, 80689), (62, 80806), (77, 80950), (90, 81049), (97, 81115), (98, 81121), (101, 81145), (105, 81160), (106, 81178), (119, 81280), (131, 81349), (135, 81373), (136, 81394),

Gene: Thales_32 Start: 29266, Stop: 30177, Start Num: 13

Candidate Starts for Thales_32:

(Start: 13 @29266 has 190 MA's), (24, 29362), (28, 29425), (33, 29482), (34, 29488), (Start: 36 @29503 has 3 MA's), (45, 29578), (47, 29590), (57, 29641), (64, 29701), (65, 29713), (68, 29722), (70, 29761), (73, 29785), (82, 29884), (90, 29932), (98, 30007), (102, 30034), (116, 30133),

Gene: TinyTim_115 Start: 58869, Stop: 59774, Start Num: 13

Candidate Starts for TinyTim_115:

(Start: 13 @58869 has 190 MA's), (Start: 20 @58902 has 1 MA's), (33, 59082), (Start: 36 @59103 has 3 MA's), (37, 59109), (38, 59124), (39, 59133), (52, 59211), (56, 59235), (63, 59298), (72, 59379), (73, 59385), (78, 59445), (82, 59481), (84, 59499), (86, 59517), (92, 59538), (102, 59631), (103, 59637), (114, 59709), (119, 59754), (120, 59757),

Gene: Tonenili_129 Start: 62333, Stop: 63238, Start Num: 13

Candidate Starts for Tonenili_129:

(Start: 13 @62333 has 190 MA's), (Start: 20 @62366 has 1 MA's), (33, 62546), (Start: 36 @62567 has 3 MA's), (37, 62573), (38, 62588), (39, 62597), (52, 62675), (55, 62693), (56, 62699), (57, 62705), (65, 62777), (66, 62780), (72, 62843), (73, 62849), (78, 62909), (82, 62945), (84, 62963), (86, 62981), (88, 62987), (92, 63002), (94, 63020), (102, 63095), (103, 63101), (114, 63173), (119, 63218), (120, 63221),

Gene: Toneprano_118 Start: 84279, Stop: 85400, Start Num: 3

Candidate Starts for Toneprano_118:

(Start: 3 @84279 has 20 MA's), (11, 84360), (14, 84384), (Start: 36 @84612 has 3 MA's), (37, 84618), (43, 84672), (51, 84705), (59, 84747), (62, 84795), (74, 84888), (78, 84945), (95, 85080), (98, 85107), (106, 85164), (107, 85167), (108, 85170), (119, 85257), (121, 85263), (125, 85302), (129, 85320), (133, 85344),

Gene: Toneprano_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Toneprano_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Tonitrus_56 Start: 42209, Stop: 43330, Start Num: 3

Candidate Starts for Tonitrus_56:

(Start: 3 @42209 has 20 MA's), (9, 42272), (14, 42311), (25, 42404), (37, 42545), (45, 42614), (46, 42623), (53, 42650), (57, 42674), (62, 42731), (66, 42755), (67, 42758), (68, 42761), (77, 42872), (94, 43007), (106, 43115), (112, 43139), (119, 43199), (125, 43232),

Gene: Tortoise16_112 Start: 58218, Stop: 59123, Start Num: 13

Candidate Starts for Tortoise16_112:

(Start: 13 @58218 has 190 MA's), (Start: 20 @58251 has 1 MA's), (33, 58431), (Start: 36 @58452 has 3 MA's), (37, 58458), (38, 58473), (39, 58482), (52, 58560), (56, 58584), (63, 58647), (72, 58728), (73, 58734), (78, 58794), (82, 58830), (84, 58848), (86, 58866), (92, 58887), (102, 58980), (103, 58986), (114, 59058), (119, 59103), (120, 59106),

Gene: Trina_205 Start: 110686, Stop: 109574, Start Num: 3

Candidate Starts for Trina_205:

(Start: 3 @110686 has 20 MA's), (38, 110335), (98, 109849), (116, 109726), (130, 109645),

Gene: Trinitium_112 Start: 57573, Stop: 58478, Start Num: 13

Candidate Starts for Trinitium_112:

(Start: 13 @57573 has 190 MA's), (Start: 20 @57606 has 1 MA's), (33, 57786), (Start: 36 @57807 has 3 MA's), (37, 57813), (38, 57828), (39, 57837), (52, 57915), (56, 57939), (63, 58002), (72, 58083), (73, 58089), (78, 58149), (82, 58185), (84, 58203), (86, 58221), (92, 58242), (102, 58335), (103, 58341), (114, 58413), (119, 58458), (120, 58461),

Gene: Turret_110 Start: 57018, Stop: 57923, Start Num: 13

Candidate Starts for Turret_110:

(Start: 13 @57018 has 190 MA's), (Start: 20 @57051 has 1 MA's), (33, 57231), (Start: 36 @57252 has 3 MA's), (37, 57258), (38, 57273), (39, 57282), (52, 57360), (56, 57384), (63, 57447), (72, 57528), (73, 57534), (78, 57594), (82, 57630), (84, 57648), (86, 57666), (92, 57687), (102, 57780), (103, 57786), (114, 57858), (119, 57903), (120, 57906),

Gene: Twin_116 Start: 84309, Stop: 85430, Start Num: 3

Candidate Starts for Twin_116:

(Start: 3 @84309 has 20 MA's), (11, 84390), (14, 84414), (Start: 36 @84642 has 3 MA's), (37, 84648), (43, 84702), (51, 84735), (59, 84777), (62, 84825), (74, 84918), (78, 84975), (95, 85110), (98, 85137), (106, 85194), (107, 85197), (108, 85200), (119, 85287), (121, 85293), (125, 85332), (129, 85350), (133, 85374),

Gene: Twin_37 Start: 27700, Stop: 28608, Start Num: 13

Candidate Starts for Twin_37:

(Start: 13 @27700 has 190 MA's), (16, 27715), (33, 27916), (Start: 36 @27937 has 3 MA's), (53, 28051), (73, 28216), (90, 28363), (103, 28471), (105, 28477), (109, 28513), (113, 28534), (116, 28564),

Gene: Tyke_115 Start: 59524, Stop: 60429, Start Num: 13

Candidate Starts for Tyke_115:

(Start: 13 @59524 has 190 MA's), (Start: 20 @59557 has 1 MA's), (33, 59737), (Start: 36 @59758 has 3 MA's), (37, 59764), (38, 59779), (39, 59788), (52, 59866), (56, 59890), (63, 59953), (72, 60034), (73, 60040), (78, 60100), (82, 60136), (84, 60154), (86, 60172), (92, 60193), (102, 60286), (103, 60292), (114, 60364), (119, 60409), (120, 60412),

Gene: UBSmoodge_40 Start: 30318, Stop: 31226, Start Num: 13

Candidate Starts for UBSmoodge_40:

(Start: 13 @30318 has 190 MA's), (16, 30333), (31, 30510), (33, 30534), (47, 30642), (48, 30651), (57, 30693), (62, 30741), (65, 30762), (70, 30810), (73, 30834), (79, 30921), (81, 30930), (94, 31008), (102, 31083), (103, 31089), (105, 31095), (109, 31131), (113, 31152), (114, 31161), (116, 31182), (119, 31206),

Gene: UBSmoodge_123 Start: 87367, Stop: 88497, Start Num: 3

Candidate Starts for UBSmoodge_123:

(Start: 3 @87367 has 20 MA's), (8, 87415), (21, 87517), (25, 87565), (27, 87616), (37, 87706), (43, 87760), (62, 87892), (74, 87985), (78, 88042), (90, 88135), (95, 88177), (106, 88261), (107, 88264), (108, 88267), (114, 88309), (118, 88351), (125, 88399), (129, 88417), (133, 88441),

Gene: ValleyTerrace_115 Start: 57637, Stop: 58542, Start Num: 13

Candidate Starts for ValleyTerrace_115:

(Start: 13 @57637 has 190 MA's), (Start: 20 @57670 has 1 MA's), (33, 57850), (Start: 36 @57871 has 3 MA's), (37, 57877), (38, 57892), (39, 57901), (52, 57979), (56, 58003), (63, 58066), (72, 58147), (73, 58153), (78, 58213), (82, 58249), (84, 58267), (86, 58285), (92, 58306), (102, 58399), (103, 58405), (114, 58477), (119, 58522), (120, 58525),

Gene: Vortrix_128 Start: 61649, Stop: 62554, Start Num: 13

Candidate Starts for Vortrix_128:

(Start: 13 @61649 has 190 MA's), (Start: 20 @61682 has 1 MA's), (33, 61862), (Start: 36 @61883 has 3 MA's), (37, 61889), (38, 61904), (39, 61913), (52, 61991), (55, 62009), (56, 62015), (57, 62021), (65, 62093), (66, 62096), (72, 62159), (73, 62165), (78, 62225), (82, 62261), (84, 62279), (86, 62297), (88, 62303), (92, 62318), (94, 62336), (102, 62411), (103, 62417), (114, 62489), (119, 62534), (120, 62537),

Gene: Wally_114 Start: 57647, Stop: 58552, Start Num: 13

Candidate Starts for Wally_114:

(Start: 13 @57647 has 190 MA's), (Start: 20 @57680 has 1 MA's), (33, 57860), (Start: 36 @57881 has 3 MA's), (37, 57887), (38, 57902), (39, 57911), (52, 57989), (56, 58013), (63, 58076), (72, 58157), (73, 58163), (78, 58223), (82, 58259), (84, 58277), (86, 58295), (92, 58316), (102, 58409), (103, 58415), (114, 58487), (119, 58532), (120, 58535),

Gene: Willis_116 Start: 59004, Stop: 59909, Start Num: 13

Candidate Starts for Willis_116:

(Start: 13 @59004 has 190 MA's), (Start: 20 @59037 has 1 MA's), (33, 59217), (Start: 36 @59238 has 3 MA's), (37, 59244), (38, 59259), (39, 59268), (52, 59346), (56, 59370), (63, 59433), (72, 59514), (73, 59520), (78, 59580), (82, 59616), (84, 59634), (86, 59652), (92, 59673), (102, 59766), (103, 59772), (114, 59844), (119, 59889), (120, 59892),

Gene: Yassified_112 Start: 57724, Stop: 58629, Start Num: 13

Candidate Starts for Yassified_112:

(Start: 13 @57724 has 190 MA's), (Start: 20 @57757 has 1 MA's), (33, 57937), (Start: 36 @57958 has 3 MA's), (37, 57964), (39, 57988), (52, 58066), (56, 58090), (63, 58153), (72, 58234), (73, 58240), (78, 58300), (82, 58336), (84, 58354), (86, 58372), (92, 58393), (102, 58486), (103, 58492), (119, 58609), (120, 58612),

Gene: YemiJoy2021_116 Start: 59106, Stop: 60011, Start Num: 13

Candidate Starts for YemiJoy2021_116:

(Start: 13 @59106 has 190 MA's), (Start: 20 @59139 has 1 MA's), (33, 59319), (Start: 36 @59340 has 3 MA's), (37, 59346), (38, 59361), (39, 59370), (52, 59448), (56, 59472), (63, 59535), (72, 59616), (73, 59622), (78, 59682), (82, 59718), (84, 59736), (86, 59754), (92, 59775), (102, 59868), (103, 59874),

(114, 59946), (119, 59991), (120, 59994),

Gene: YoungMoneyMata_116 Start: 58273, Stop: 59178, Start Num: 13

Candidate Starts for YoungMoneyMata_116:

(Start: 13 @58273 has 190 MA's), (Start: 20 @58306 has 1 MA's), (33, 58486), (Start: 36 @58507 has 3 MA's), (37, 58513), (38, 58528), (39, 58537), (52, 58615), (56, 58639), (63, 58702), (72, 58783), (73, 58789), (78, 58849), (82, 58885), (84, 58903), (86, 58921), (92, 58942), (102, 59035), (103, 59041), (114, 59113), (119, 59158), (120, 59161),

Gene: Yucca_114 Start: 58788, Stop: 59693, Start Num: 13

Candidate Starts for Yucca_114:

(Start: 13 @58788 has 190 MA's), (Start: 20 @58821 has 1 MA's), (33, 59001), (Start: 36 @59022 has 3 MA's), (37, 59028), (38, 59043), (39, 59052), (52, 59130), (56, 59154), (63, 59217), (72, 59298), (73, 59304), (78, 59364), (82, 59400), (84, 59418), (86, 59436), (92, 59457), (102, 59550), (103, 59556), (114, 59628), (119, 59673), (120, 59676),

Gene: Yvonnetastic_56 Start: 39416, Stop: 40522, Start Num: 3

Candidate Starts for Yvonnetastic_56:

(Start: 3 @39416 has 20 MA's), (5, 39425), (10, 39485), (14, 39518), (30, 39698), (Start: 36 @39746 has 3 MA's), (57, 39881), (62, 39938), (66, 39962), (71, 40010), (75, 40043), (76, 40076), (105, 40286), (107, 40307), (110, 40325),

Gene: Zalkecks_116 Start: 58789, Stop: 59694, Start Num: 13

Candidate Starts for Zalkecks_116:

(Start: 13 @58789 has 190 MA's), (Start: 20 @58822 has 1 MA's), (33, 59002), (Start: 36 @59023 has 3 MA's), (37, 59029), (38, 59044), (39, 59053), (52, 59131), (56, 59155), (63, 59218), (72, 59299), (73, 59305), (78, 59365), (82, 59401), (84, 59419), (86, 59437), (92, 59458), (102, 59551), (103, 59557), (114, 59629), (119, 59674), (120, 59677),

Gene: Zeenon_116 Start: 58907, Stop: 59779, Start Num: 20

Candidate Starts for Zeenon_116:

(Start: 13 @58874 has 190 MA's), (Start: 20 @58907 has 1 MA's), (33, 59087), (Start: 36 @59108 has 3 MA's), (37, 59114), (38, 59129), (39, 59138), (52, 59216), (56, 59240), (63, 59303), (72, 59384), (73, 59390), (78, 59450), (82, 59486), (84, 59504), (86, 59522), (92, 59543), (102, 59636), (103, 59642), (114, 59714), (119, 59759), (120, 59762),

Gene: ZygoTaiga_113 Start: 60034, Stop: 60939, Start Num: 13

Candidate Starts for ZygoTaiga_113:

(Start: 13 @60034 has 190 MA's), (Start: 20 @60067 has 1 MA's), (33, 60247), (Start: 36 @60268 has 3 MA's), (37, 60274), (38, 60289), (39, 60298), (52, 60376), (56, 60400), (63, 60463), (72, 60544), (73, 60550), (78, 60610), (82, 60646), (84, 60664), (86, 60682), (92, 60703), (102, 60796), (103, 60802), (114, 60874), (119, 60919), (120, 60922),