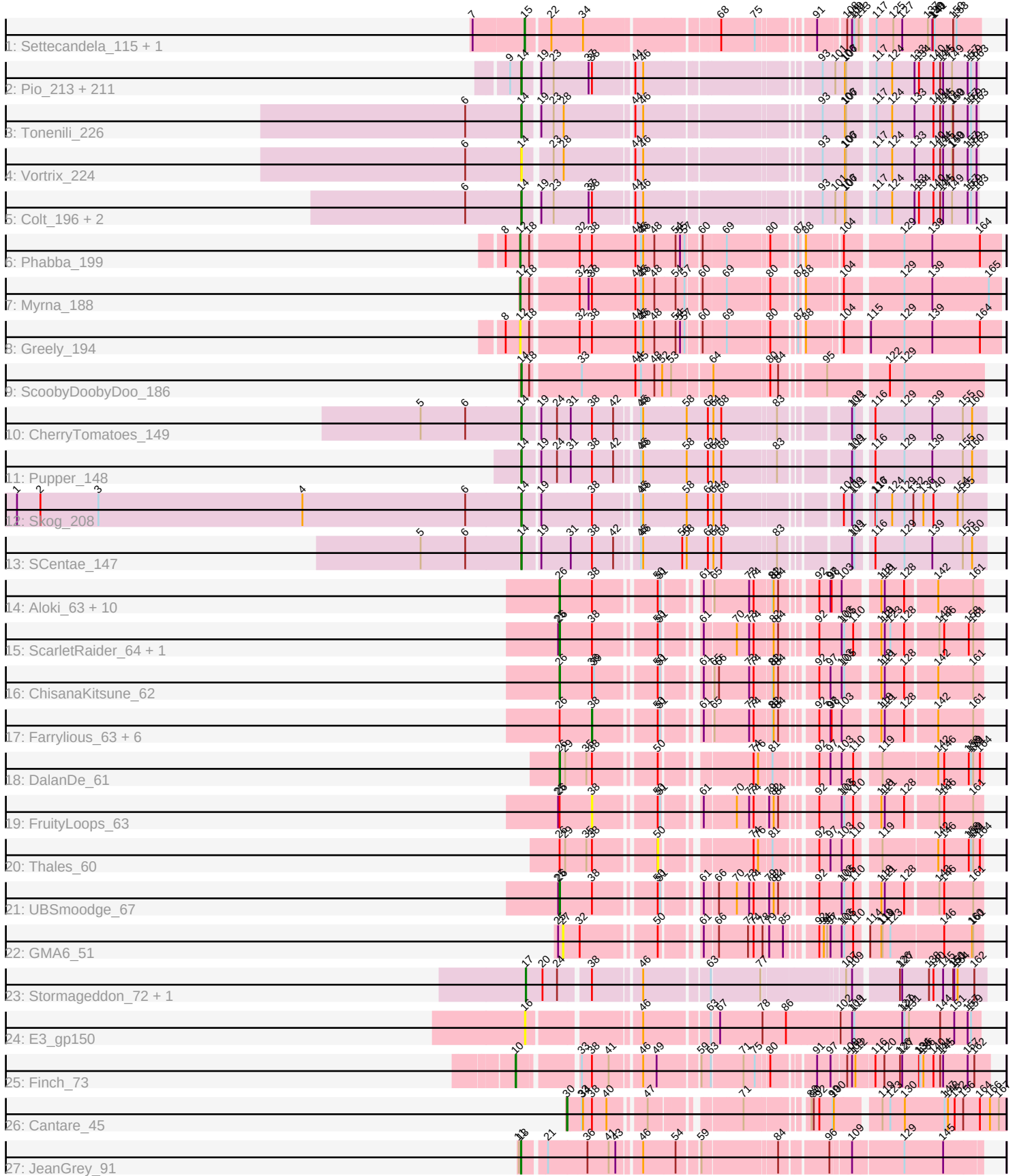


Pham 294396



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 294396 Report

This analysis was run 04/18/26 on database version 643.

Pham number 294396 has 259 members, 55 are drafts.

Phages represented in each track:

- Track 1 : Settecandela_115, Phrappuccino_115
- Track 2 : Pio_213, Amataga_206, PharkleMinkus_207, Burrough_207, Bezza_194, Morizzled23_202, Pupusa_209, Bigswole_210, CindyLou_206, Stubby_189, Spec_200, Breeniome_204, Shelob_206, Gizmo_211, EggyFarm_214, NuevoMundo_208, Tainan_206, Cactojaque_200, Bonray_207, BeanWater_197, MikeLiesIn_207, Cali_198, Derek_202, RoMag_200, JPickles_201, Rizal_197, LifeSavor_204, SilverDipper_209, Basquiat_202, Littleton_208, Yassified_202, Patter_206, Rahel_206, I3_215, Latch_205, SmallFry_205, Ngannou_202, LolaVinca_203, InterFolia_208, Babyland_208, Astraea_199, Concombre_210, Teardrop_202, Daffodil_210, Napoleon13_202, Labradorite_203, Bread_200, Chomp_205, InigoMontoya_208, Grasshills_213, ArcherS7_205, Naval22_210, Moby_201, Dietrick_194, Ading_206, BadAgartude_199, Dandelion_213, Darko_204, Lethe_205, Gabriel_208, YemiJoy2021_206, Phlegm_209, Norm_205, Shifa_182, Janiyr_208, Capablanca_210, Megamind_202, Audrick_207, ZygoTaiga_202, JayJay_207, Koguma_204, Erdmann_206, Phusco_203, Domi_199, DeejaClivia_193, Cleatunium_198, MoMoMixon_203, ChickenPhender_201, Zeenon_207, Issimir_198, Caravan_196, Melpomini_200, Salacia_205, EmToTheThree_205, Belieber_198, Quasimodo_207, Turret_198, Sauce_201, Blackdragon_200, Asterius_207, Bipolarisk_203, Phox_206, ET08_193, Chargie21_202, FrayBell_208, Mikro_201, SVoro_201, Naija_206, Khaleesi_204, Delylah_207, Catera_198, ChaylaJr_202, Delilah_203, BobaPhatt_197, Lukilu_196, Halldule_198, Willis_206, Maby2021_205, Ava3_204, EmmaElysia_208, BananaFence_202, Jezreel_202, EasyJones_208, DrPhinkDaddy_202, Sprinklers_203, Maturis_202, StubbySaigey_210, FudgeTart_200, LookingGlass_204, Iota_200, Demodog_211, Ghost_205, Momo_206, Shaqnato_196, Substance289_202, Alice_192, Pleione_209, Mangeria_206, DirtMonster_198, Shrimp_207, StephanieG_201, BackyardAgain_200, BigCity_214, TinyTim_203, JulietS_196, Spud_199, Grungle_189, Blackbrain_202, Ronan_201, Wally_203, Drazdys_203, Gamgam_206, Yucca_205, Jemmno_204, Pier_206, Jaygup_201, Bxz1_195, QBert_197, Ablatia_204, McGee_204, Atlantean_205, Fongie_206, Shnickers_203, Zalkecks_204, Bangla1971_205, HyRo_193, ErnieJ_198, DTDevon_207, FoxtrotP1_203, Trinitium_201, Izajani_203, Ewok_204, Flabslab_200, Tortoise16_203, LordLeafolot_206, JustHall_199, NedWong_204, JigglyPuff_212, Kamryn_204, Fixie_205, Pivoine_206, YoungMoneyMata_203, Moiqah_200, Loanshark_202, Lunareta_203, LRRHood_198, Jessibeth14_205, LinStu_204, CharlieB_199, PurduePete_205, Sebata_206, Jedediah_205, Lee7_205, NoodleTree_211, Essence_202, Specks_209, SrishMeg2525_202, Bowman_203,

Fludd_205, IkeLoa_197, Rocha_202, ShiaLabeouf_202, GlutenPhree_206, Roots515_207, Guwapp_200, Duckfeet_199, McWolfish_202, Primadonna_200, Nidhogg_206, Adlitam_204, Montpel_203, ValleyTerrace_206, Kboogie_209, Matsumoto_203, Dessert_203, ScottMcG_198, ParkTD_204, Nappy_206, Tyke_203, OrediggerDelux_201, Rabinovish_198, Pinkcreek_189

- Track 3 : Tonenili_226
- Track 4 : Vortrix_224
- Track 5 : Colt_196, Cane17_196, Blubba_194
- Track 6 : Phabba_199
- Track 7 : Myrna_188
- Track 8 : Greely_194
- Track 9 : ScoobyDoobyDoo_186
- Track 10 : CherryTomatoes_149
- Track 11 : Pupper_148
- Track 12 : Skog_208
- Track 13 : SCentae_147
- Track 14 : Alok_63, Gray_66, EmoNemo_63, Kabocha_67, Toneprano_63, Amoonguss_63, MintFritos_63, Oogie_65, Argenta_63, Pakusa_63, Schomber_64
- Track 15 : ScarletRaider_64, FlyingTortilla_65
- Track 16 : ChisanaKitsune_62
- Track 17 : Farrylous_63, Beted_65, Mikronejon_63, Lenoshki_65, Chidiebere_66, Hanem_65, Twin_63
- Track 18 : DalanDe_61
- Track 19 : FruityLoops_63
- Track 20 : Thales_60
- Track 21 : UBSmoodge_67
- Track 22 : GMA6_51
- Track 23 : Stormageddon_72, RedWattleHog_75
- Track 24 : E3_gp150
- Track 25 : Finch_73
- Track 26 : Cantare_45
- Track 27 : JeanGrey_91

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

The start number called the most often in the published annotations is 14, it was called in 185 of the 204 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• Ablatia_204, Ading_206, Adlitam_204, Alice_192, Amataga_206, ArcherS7_205, Asterius_207, Astraea_199, Atlantean_205, Audrick_207, Ava3_204, Babyland_208, BackyardAgain_200, BadAgartude_199, BananaFence_202, Bangla1971_205, Basquiat_202, BeanWater_197, Belieber_198, Bezza_194, BigCity_214, Bigswole_210, Bipolarisk_203, Blackbrain_202, Blackdragon_200, Blubba_194, BobaPhatt_197, Bonray_207, Bowman_203, Bread_200, Breeniome_204, Burrough_207, Bxz1_195, Cactojaque_200, Cali_198, Cane17_196, Capablanca_210, Caravan_196, Catera_198, Chargie21_202, CharlieB_199, ChaylaJr_202, CherryTomatoes_149, ChickenPhender_201, Chomp_205, CindyLou_206, Cleatunium_198, Colt_196, Concombre_210, DTDevon_207, Daffodil_210, Dandelion_213, Darko_204, DeejaClivia_193, Delilah_203,

Delylah_207, Demodog_211, Derek_202, Dessert_203, Dietrick_194, DirtMonster_198, Domi_199, DrPhinkDaddy_202, Drazdys_203, Duckfeet_199, ET08_193, EasyJones_208, EggyFarm_214, EmToTheThree_205, EmmaElysia_208, Erdmann_206, ErnieJ_198, Essence_202, Ewok_204, Fixie_205, Flabslab_200, Fludd_205, Fongie_206, FoxtrotP1_203, FrayBell_208, FudgeTart_200, Gabriel_208, Gamgam_206, Ghost_205, Gizmo_211, GlutenPhree_206, Grasshills_213, Grungle_189, Guwapp_200, Halldule_198, HyRo_193, I3_215, IkeLoa_197, InigoMontoya_208, InterFolia_208, Iota_200, Issimir_198, Izajani_203, JPickles_201, Janiyra_208, JayJay_207, Jaygup_201, Jedediah_205, Jemmno_204, Jessibeth14_205, Jezreel_202, JigglyPuff_212, JulietS_196, JustHall_199, Kamryn_204, Kboogie_209, Khaleesi_204, Koguma_204, LRRHood_198, Labradorite_203, Latch_205, Lee7_205, Lethe_205, LifeSavor_204, LinStu_204, Littleton_208, Loanshark_202, LolaVinca_203, LookingGlass_204, LordLeafolot_206, Lukilu_196, Lunareta_203, Maby2021_205, Mangeria_206, Matsumoto_203, Maturis_202, McGee_204, McWolfish_202, Megamind_202, Melpomini_200, MikeLiesIn_207, Mikro_201, MoMoMixon_203, Moby_201, Moiqah_200, Momo_206, Montpel_203, Morizzled23_202, Naija_206, Napoleon13_202, Nappy_206, Naval22_210, NedWong_204, Ngannou_202, Nidhogg_206, NoodleTree_211, Norm_205, NuevoMundo_208, OrediggerDelux_201, ParkTD_204, Patter_206, PharkleMinkus_207, Phlegm_209, Phox_206, Phusco_203, Pier_206, Pinkcreek_189, Pio_213, Pivoine_206, Pleione_209, Primadonna_200, Pupper_148, Pupusa_209, PurduePete_205, QBert_197, Quasimodo_207, Rabinovich_198, Rahel_206, Rizal_197, RoMag_200, Rocha_202, Ronan_201, Roots515_207, SCentae_147, SVoro_201, Salacia_205, Sauce_201, ScoobyDoobyDoo_186, ScottMcG_198, Sebata_206, Shaqnato_196, Shelob_206, ShiaLabeouf_202, Shifa_182, Shnickers_203, Shrimp_207, SilverDipper_209, Skog_208, SmallFry_205, Spec_200, Specks_209, Sprinklers_203, Spud_199, SrishMeg2525_202, StephanieG_201, StubbySaigey_210, Stubby_189, Substance289_202, Tainan_206, Teardrop_202, TinyTim_203, Tonenili_226, Tortoise16_203, Trinitium_201, Turret_198, Tyke_203, ValleyTerrace_206, Vortrix_224, Wally_203, Willis_206, Yassified_202, YemiJoy2021_206, YoungMoneyMata_203, Yucca_205, Zalkecks_204, Zeenon_207, ZygoTaiga_202,

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

-

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

- Alok_63, Amoonguss_63, Argenta_63, Beted_65, Cantare_45, Chidiebere_66, ChisanaKitsune_62, DalanDe_61, E3_gp150, EmoNemo_63, Farrylous_63, Finch_73, FlyingTortilla_65, FruityLoops_63, GMA6_51, Gray_66, Greely_194, Hanem_65, JeanGrey_91, Kabocha_67, Lenoshki_65, Mikronejon_63, MintFritos_63, Myrna_188, Oogie_65, Pakusa_63, Phabba_199, Phrappuccino_115, RedWattleHog_75, ScarletRaider_64, Schomber_64, Settecandela_115, Stormageddon_72, Thales_60, Toneprano_63, Twin_63, UBSmoodege_67,

Summary by start number:

Start 10:

- Found in 1 of 259 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Finch_73 (singleton),

Start 12:

- Found in 3 of 259 (1.2%) of genes in pham
- Manual Annotations of this start: 2 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Greely_194 (C2), Myrna_188 (C2), Phabba_199 (C2),

Start 13:

- Found in 1 of 259 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: JeanGrey_91 (singleton),

Start 14:

- Found in 222 of 259 (85.7%) of genes in pham
- Manual Annotations of this start: 185 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ablatia_204 (C1), Ading_206 (C1), Adlitam_204 (C1), Alice_192 (C1), Amataga_206 (C1), ArcherS7_205 (C1), Asterius_207 (C1), Astraea_199 (C1), Atlantean_205 (C1), Audrick_207 (C1), Ava3_204 (C1), Babyland_208 (C1), BackyardAgain_200 (C1), BadAgartude_199 (C1), BananaFence_202 (C1), Bangla1971_205 (C1), Basquiat_202 (C1), BeanWater_197 (C1), Belieber_198 (C1), Bezza_194 (C1), BigCity_214 (C1), Bigswole_210 (C1), Bipolarisk_203 (C1), Blackbrain_202 (C1), Blackdragon_200 (C1), Blubba_194 (C1), BobaPhatt_197 (C1), Bonray_207 (C1), Bowman_203 (C1), Bread_200 (C1), Breeniome_204 (C1), Burrough_207 (C1), Bxz1_195 (C1), Cactojaque_200 (C1), Cali_198 (C1), Cane17_196 (C1), Capablanca_210 (C1), Caravan_196 (C1), Catera_198 (C1), Chargie21_202 (C1), CharlieB_199 (C1), ChaylaJr_202 (C1), CherryTomatoes_149 (DO), ChickenPhender_201 (C1), Chomp_205 (C1), CindyLou_206 (C1), Cleatunium_198 (C1), Colt_196 (C1), Concombre_210 (C1), DTDevon_207 (C1), Daffodil_210 (C1), Dandelion_213 (C1), Darko_204 (C1), DeejaClivia_193 (C1), Delilah_203 (C1), Delylah_207 (C1), Demodog_211 (C1), Derek_202 (C1), Dessert_203 (C1), Dietrick_194 (C1), DirtMonster_198 (C1), Domi_199 (C1), DrPhinkDaddy_202 (C1), Drazdys_203 (C1), Duckfeet_199 (C1), ET08_193 (C1), EasyJones_208 (C1), EggyFarm_214 (C1), EmToTheThree_205 (C1), EmmaElysia_208 (C1), Erdmann_206 (C1), ErnieJ_198 (C1), Essence_202 (C1), Ewok_204 (C1), Fixie_205 (C1), Flabslab_200 (C1), Fludd_205 (C1), Fongie_206 (C1), FoxtrotP1_203 (C1), FrayBell_208 (C1), FudgeTart_200 (C1), Gabriel_208 (C1), Gamgam_206 (C1), Ghost_205 (C1), Gizmo_211 (C1), GlutenPhree_206 (C1), Grasshills_213 (C1), Grungle_189 (C1), Guwapp_200 (C1), Halldule_198 (C1), HyRo_193 (C1), I3_215 (C1), IkeLoa_197 (C1), InigoMontoya_208 (C1), InterFolia_208 (C1), Iota_200 (C1), Issimir_198 (C1), Izajani_203 (C1), JPickles_201 (C1), Janiyr_208 (C1), JayJay_207 (C1), Jaygup_201 (C1), Jedediah_205 (C1), Jemmno_204 (C1), Jessibeth14_205 (C1), Jezreel_202 (C1), JigglyPuff_212 (C1), JulietS_196 (C1), JustHall_199 (C1), Kamryn_204 (C1), Kboogie_209 (C1), Khaleesi_204 (C1), Koguma_204 (C1), LRRHood_198 (C1), Labradorite_203 (C1), Latch_205 (C1), Lee7_205 (C1), Lethe_205 (C1), LifeSavor_204 (C1), LinStu_204 (C1), Littleton_208 (C1), Loanshark_202 (C1), LolaVinca_203 (C1), LookingGlass_204 (C1), LordLeafolot_206 (C1), Lukilu_196 (C1), Lunareta_203 (C1), Maby2021_205 (C1), Mangeria_206 (C1), Matsumoto_203 (C1), Maturis_202 (C1), McGee_204 (C1), McWolfish_202 (C1), Megamind_202 (C1), Melpomini_200 (C1), MikeLiesIn_207 (C1), Mikro_201 (C1), MoMoMixon_203 (C1), Moby_201 (C1), Moiqah_200 (C1), Momo_206 (C1),

Montpel_203 (C1), Morizzled23_202 (C1), Naija_206 (C1), Napoleon13_202 (C1), Nappy_206 (C1), Naval22_210 (C1), NedWong_204 (C1), Ngannou_202 (C1), Nidhogg_206 (C1), NoodleTree_211 (C1), Norm_205 (C1), NuevoMundo_208 (C1), OrediggerDelux_201 (C1), ParkTD_204 (C1), Patter_206 (C1), PharkleMinkus_207 (C1), Phlegm_209 (C1), Phox_206 (C1), Phusco_203 (C1), Pier_206 (C1), Pinkcreek_189 (C1), Pio_213 (C1), Pivoine_206 (C1), Pleione_209 (C1), Primadonna_200 (C1), Pupper_148 (DO), Pupusa_209 (C1), PurduePete_205 (C1), QBert_197 (C1), Quasimodo_207 (C1), Rabinovich_198 (C1), Rahel_206 (C1), Rizal_197 (C1), RoMag_200 (C1), Rocha_202 (C1), Ronan_201 (C1), Roots515_207 (C1), SCentae_147 (DO), SVoro_201 (C1), Salacia_205 (C1), Sauce_201 (C1), ScoobyDoobyDoo_186 (C2), ScottMcG_198 (C1), Sebata_206 (C1), Shaqnato_196 (C1), Shelob_206 (C1), ShiaLabeouf_202 (C1), Shifa_182 (C1), Shnickers_203 (C1), Shrimp_207 (C1), SilverDipper_209 (C1), Skog_208 (DO), SmallFry_205 (C1), Spec_200 (C1), Specks_209 (C1), Sprinklers_203 (C1), Spud_199 (C1), SrishMeg2525_202 (C1), StephanieG_201 (C1), StubbySaigey_210 (C1), Stubby_189 (C1), Substance289_202 (C1), Tainan_206 (C1), Teardrop_202 (C1), TinyTim_203 (C1), Tonerili_226 (C1), Tortoise16_203 (C1), Trinitium_201 (C1), Turret_198 (C1), Tyke_203 (C1), ValleyTerrace_206 (C1), Vortrix_224 (C1), Wally_203 (C1), Willis_206 (C1), Yassified_202 (C1), YemiJoy2021_206 (C1), YoungMoneyMata_203 (C1), Yucca_205 (C1), Zalkecks_204 (C1), Zeenon_207 (C1), ZygoTaiga_202 (C1),

Start 15:

- Found in 2 of 259 (0.8%) of genes in pham
- Manual Annotations of this start: 2 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Phrappuccino_115 (AA), Settecandela_115 (AA),

Start 16:

- Found in 1 of 259 (0.4%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: E3_gp150 (singleton),

Start 17:

- Found in 2 of 259 (0.8%) of genes in pham
- Manual Annotations of this start: 2 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: RedWattleHog_75 (DX), Stormageddon_72 (DX),

Start 26:

- Found in 25 of 259 (9.7%) of genes in pham
- Manual Annotations of this start: 8 of 204
- Called 64.0% of time when present
- Phage (with cluster) where this start called: Alok_63 (DQ), Amoonguss_63 (DQ), Argenta_63 (DQ), ChisanaKitsune_62 (DQ), DalanDe_61 (DQ), EmoNemo_63 (DQ), FlyingTortilla_65 (DQ), Gray_66 (DQ), Kabocha_67 (DQ), MintFritos_63 (DQ), Oogie_65 (DQ), Pakusa_63 (DQ), ScarletRaider_64 (DQ), Schomber_64 (DQ), Toneprano_63 (DQ), UBSmoodege_67 (DQ),

Start 27:

- Found in 1 of 259 (0.4%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: GMA6_51 (DQ),

Start 30:

- Found in 1 of 259 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 204
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Cantare_45 (singleton),

Start 38:

- Found in 251 of 259 (96.9%) of genes in pham
- Manual Annotations of this start: 2 of 204
- Called 3.2% of time when present
- Phage (with cluster) where this start called: Beted_65 (DQ), Chidiebere_66 (DQ), Farrylous_63 (DQ), FruityLoops_63 (DQ), Hanem_65 (DQ), Lenoshki_65 (DQ), Mikronejon_63 (DQ), Twin_63 (DQ),

Start 50:

- Found in 26 of 259 (10.0%) of genes in pham
- No Manual Annotations of this start.
- Called 3.8% of time when present
- Phage (with cluster) where this start called: Thales_60 (DQ),

Summary by clusters:

There are 7 clusters represented in this pham: AA, DO, singleton, DX, C2, C1, DQ,

Info for manual annotations of cluster AA:

- Start number 15 was manually annotated 2 times for cluster AA.

Info for manual annotations of cluster C1:

- Start number 14 was manually annotated 180 times for cluster C1.

Info for manual annotations of cluster C2:

- Start number 12 was manually annotated 2 times for cluster C2.
- Start number 14 was manually annotated 1 time for cluster C2.

Info for manual annotations of cluster DO:

- Start number 14 was manually annotated 4 times for cluster DO.

Info for manual annotations of cluster DQ:

- Start number 26 was manually annotated 8 times for cluster DQ.
- Start number 38 was manually annotated 2 times for cluster DQ.

Info for manual annotations of cluster DX:

- Start number 17 was manually annotated 2 times for cluster DX.

Gene Information:

Gene: Ablatia_204 Start: 110022, Stop: 111095, Start Num: 14

Candidate Starts for Ablatia_204:

(9, 109995), (Start: 14 @110022 has 185 MA's), (19, 110055), (23, 110088), (37, 110178), (Start: 38 @110187 has 2 MA's), (44, 110283), (46, 110304), (93, 110712), (101, 110742), (106, 110766), (107, 110769), (117, 110829), (124, 110871), (133, 110931), (134, 110943), (140, 110982), (144, 111000), (145, 111006), (149, 111030), (157, 111066), (159, 111075), (163, 111090),

Gene: Ading_206 Start: 110649, Stop: 111722, Start Num: 14

Candidate Starts for Ading_206:

(9, 110622), (Start: 14 @110649 has 185 MA's), (19, 110682), (23, 110715), (37, 110805), (Start: 38 @110814 has 2 MA's), (44, 110910), (46, 110931), (93, 111339), (101, 111369), (106, 111393), (107, 111396), (117, 111456), (124, 111498), (133, 111558), (134, 111570), (140, 111609), (144, 111627), (145, 111633), (149, 111657), (157, 111693), (159, 111702), (163, 111717),

Gene: Adlitam_204 Start: 109253, Stop: 110326, Start Num: 14

Candidate Starts for Adlitam_204:

(9, 109226), (Start: 14 @109253 has 185 MA's), (19, 109286), (23, 109319), (37, 109409), (Start: 38 @109418 has 2 MA's), (44, 109514), (46, 109535), (93, 109943), (101, 109973), (106, 109997), (107, 110000), (117, 110060), (124, 110102), (133, 110162), (134, 110174), (140, 110213), (144, 110231), (145, 110237), (149, 110261), (157, 110297), (159, 110306), (163, 110321),

Gene: Alice_192 Start: 109221, Stop: 110294, Start Num: 14

Candidate Starts for Alice_192:

(9, 109194), (Start: 14 @109221 has 185 MA's), (19, 109254), (23, 109287), (37, 109377), (Start: 38 @109386 has 2 MA's), (44, 109482), (46, 109503), (93, 109911), (101, 109941), (106, 109965), (107, 109968), (117, 110028), (124, 110070), (133, 110130), (134, 110142), (140, 110181), (144, 110199), (145, 110205), (149, 110229), (157, 110265), (159, 110274), (163, 110289),

Gene: Alok_63 Start: 52730, Stop: 51792, Start Num: 26

Candidate Starts for Alok_63:

(Start: 26 @52730 has 8 MA's), (Start: 38 @52643 has 2 MA's), (50, 52502), (51, 52496), (61, 52430), (65, 52412), (73, 52325), (74, 52313), (81, 52271), (82, 52268), (84, 52256), (92, 52181), (97, 52151), (98, 52148), (103, 52121), (118, 52040), (121, 52031), (128, 51980), (142, 51902), (161, 51818),

Gene: Amataga_206 Start: 109065, Stop: 110138, Start Num: 14

Candidate Starts for Amataga_206:

(9, 109038), (Start: 14 @109065 has 185 MA's), (19, 109098), (23, 109131), (37, 109221), (Start: 38 @109230 has 2 MA's), (44, 109326), (46, 109347), (93, 109755), (101, 109785), (106, 109809), (107, 109812), (117, 109872), (124, 109914), (133, 109974), (134, 109986), (140, 110025), (144, 110043), (145, 110049), (149, 110073), (157, 110109), (159, 110118), (163, 110133),

Gene: Amoonguss_63 Start: 52733, Stop: 51795, Start Num: 26

Candidate Starts for Amoonguss_63:

(Start: 26 @52733 has 8 MA's), (Start: 38 @52646 has 2 MA's), (50, 52505), (51, 52499), (61, 52433), (65, 52415), (73, 52328), (74, 52316), (81, 52274), (82, 52271), (84, 52259), (92, 52184), (97, 52154), (98, 52151), (103, 52124), (118, 52043), (121, 52034), (128, 51983), (142, 51905), (161, 51821),

Gene: ArcherS7_205 Start: 110107, Stop: 111180, Start Num: 14

Candidate Starts for ArcherS7_205:

(9, 110080), (Start: 14 @110107 has 185 MA's), (19, 110140), (23, 110173), (37, 110263), (Start: 38 @110272 has 2 MA's), (44, 110368), (46, 110389), (93, 110797), (101, 110827), (106, 110851), (107, 110854), (117, 110914), (124, 110956), (133, 111016), (134, 111028), (140, 111067), (144, 111085), (145, 111091), (149, 111115), (157, 111151), (159, 111160), (163, 111175),

Gene: Argena_63 Start: 52745, Stop: 51807, Start Num: 26

Candidate Starts for Argena_63:

(Start: 26 @52745 has 8 MA's), (Start: 38 @52658 has 2 MA's), (50, 52517), (51, 52511), (61, 52445), (65, 52427), (73, 52340), (74, 52328), (81, 52286), (82, 52283), (84, 52271), (92, 52196), (97, 52166), (98, 52163), (103, 52136), (118, 52055), (121, 52046), (128, 51995), (142, 51917), (161, 51833),

Gene: Asterius_207 Start: 109474, Stop: 110547, Start Num: 14

Candidate Starts for Asterius_207:

(9, 109447), (Start: 14 @109474 has 185 MA's), (19, 109507), (23, 109540), (37, 109630), (Start: 38 @109639 has 2 MA's), (44, 109735), (46, 109756), (93, 110164), (101, 110194), (106, 110218), (107, 110221), (117, 110281), (124, 110323), (133, 110383), (134, 110395), (140, 110434), (144, 110452), (145, 110458), (149, 110482), (157, 110518), (159, 110527), (163, 110542),

Gene: Astraea_199 Start: 108669, Stop: 109742, Start Num: 14

Candidate Starts for Astraea_199:

(9, 108642), (Start: 14 @108669 has 185 MA's), (19, 108702), (23, 108735), (37, 108825), (Start: 38 @108834 has 2 MA's), (44, 108930), (46, 108951), (93, 109359), (101, 109389), (106, 109413), (107, 109416), (117, 109476), (124, 109518), (133, 109578), (134, 109590), (140, 109629), (144, 109647), (145, 109653), (149, 109677), (157, 109713), (159, 109722), (163, 109737),

Gene: Atlantean_205 Start: 109065, Stop: 110138, Start Num: 14

Candidate Starts for Atlantean_205:

(9, 109038), (Start: 14 @109065 has 185 MA's), (19, 109098), (23, 109131), (37, 109221), (Start: 38 @109230 has 2 MA's), (44, 109326), (46, 109347), (93, 109755), (101, 109785), (106, 109809), (107, 109812), (117, 109872), (124, 109914), (133, 109974), (134, 109986), (140, 110025), (144, 110043), (145, 110049), (149, 110073), (157, 110109), (159, 110118), (163, 110133),

Gene: Audrick_207 Start: 108955, Stop: 110028, Start Num: 14

Candidate Starts for Audrick_207:

(9, 108928), (Start: 14 @108955 has 185 MA's), (19, 108988), (23, 109021), (37, 109111), (Start: 38 @109120 has 2 MA's), (44, 109216), (46, 109237), (93, 109645), (101, 109675), (106, 109699), (107, 109702), (117, 109762), (124, 109804), (133, 109864), (134, 109876), (140, 109915), (144, 109933), (145, 109939), (149, 109963), (157, 109999), (159, 110008), (163, 110023),

Gene: Ava3_204 Start: 109499, Stop: 110572, Start Num: 14

Candidate Starts for Ava3_204:

(9, 109472), (Start: 14 @109499 has 185 MA's), (19, 109532), (23, 109565), (37, 109655), (Start: 38 @109664 has 2 MA's), (44, 109760), (46, 109781), (93, 110189), (101, 110219), (106, 110243), (107, 110246), (117, 110306), (124, 110348), (133, 110408), (134, 110420), (140, 110459), (144, 110477), (145, 110483), (149, 110507), (157, 110543), (159, 110552), (163, 110567),

Gene: Babyland_208 Start: 109842, Stop: 110915, Start Num: 14

Candidate Starts for Babyland_208:

(9, 109815), (Start: 14 @109842 has 185 MA's), (19, 109875), (23, 109908), (37, 109998), (Start: 38 @110007 has 2 MA's), (44, 110103), (46, 110124), (93, 110532), (101, 110562), (106, 110586), (107, 110589), (117, 110649), (124, 110691), (133, 110751), (134, 110763), (140, 110802), (144, 110820), (145, 110826), (149, 110850), (157, 110886), (159, 110895), (163, 110910),

Gene: BackyardAgain_200 Start: 107751, Stop: 108824, Start Num: 14

Candidate Starts for BackyardAgain_200:

(9, 107724), (Start: 14 @107751 has 185 MA's), (19, 107784), (23, 107817), (37, 107907), (Start: 38 @107916 has 2 MA's), (44, 108012), (46, 108033), (93, 108441), (101, 108471), (106, 108495), (107,

108498), (117, 108558), (124, 108600), (133, 108660), (134, 108672), (140, 108711), (144, 108729), (145, 108735), (149, 108759), (157, 108795), (159, 108804), (163, 108819),

Gene: BadAgartude_199 Start: 109164, Stop: 110237, Start Num: 14

Candidate Starts for BadAgartude_199:

(9, 109137), (Start: 14 @109164 has 185 MA's), (19, 109197), (23, 109230), (37, 109320), (Start: 38 @109329 has 2 MA's), (44, 109425), (46, 109446), (93, 109854), (101, 109884), (106, 109908), (107, 109911), (117, 109971), (124, 110013), (133, 110073), (134, 110085), (140, 110124), (144, 110142), (145, 110148), (149, 110172), (157, 110208), (159, 110217), (163, 110232),

Gene: BananaFence_202 Start: 109298, Stop: 110371, Start Num: 14

Candidate Starts for BananaFence_202:

(9, 109271), (Start: 14 @109298 has 185 MA's), (19, 109331), (23, 109364), (37, 109454), (Start: 38 @109463 has 2 MA's), (44, 109559), (46, 109580), (93, 109988), (101, 110018), (106, 110042), (107, 110045), (117, 110105), (124, 110147), (133, 110207), (134, 110219), (140, 110258), (144, 110276), (145, 110282), (149, 110306), (157, 110342), (159, 110351), (163, 110366),

Gene: Bangla1971_205 Start: 109071, Stop: 110144, Start Num: 14

Candidate Starts for Bangla1971_205:

(9, 109044), (Start: 14 @109071 has 185 MA's), (19, 109104), (23, 109137), (37, 109227), (Start: 38 @109236 has 2 MA's), (44, 109332), (46, 109353), (93, 109761), (101, 109791), (106, 109815), (107, 109818), (117, 109878), (124, 109920), (133, 109980), (134, 109992), (140, 110031), (144, 110049), (145, 110055), (149, 110079), (157, 110115), (159, 110124), (163, 110139),

Gene: Basquiat_202 Start: 108577, Stop: 109650, Start Num: 14

Candidate Starts for Basquiat_202:

(9, 108550), (Start: 14 @108577 has 185 MA's), (19, 108610), (23, 108643), (37, 108733), (Start: 38 @108742 has 2 MA's), (44, 108838), (46, 108859), (93, 109267), (101, 109297), (106, 109321), (107, 109324), (117, 109384), (124, 109426), (133, 109486), (134, 109498), (140, 109537), (144, 109555), (145, 109561), (149, 109585), (157, 109621), (159, 109630), (163, 109645),

Gene: BeanWater_197 Start: 109103, Stop: 110176, Start Num: 14

Candidate Starts for BeanWater_197:

(9, 109076), (Start: 14 @109103 has 185 MA's), (19, 109136), (23, 109169), (37, 109259), (Start: 38 @109268 has 2 MA's), (44, 109364), (46, 109385), (93, 109793), (101, 109823), (106, 109847), (107, 109850), (117, 109910), (124, 109952), (133, 110012), (134, 110024), (140, 110063), (144, 110081), (145, 110087), (149, 110111), (157, 110147), (159, 110156), (163, 110171),

Gene: Belieber_198 Start: 107891, Stop: 108964, Start Num: 14

Candidate Starts for Belieber_198:

(9, 107864), (Start: 14 @107891 has 185 MA's), (19, 107924), (23, 107957), (37, 108047), (Start: 38 @108056 has 2 MA's), (44, 108152), (46, 108173), (93, 108581), (101, 108611), (106, 108635), (107, 108638), (117, 108698), (124, 108740), (133, 108800), (134, 108812), (140, 108851), (144, 108869), (145, 108875), (149, 108899), (157, 108935), (159, 108944), (163, 108959),

Gene: Beted_65 Start: 54338, Stop: 53487, Start Num: 38

Candidate Starts for Beted_65:

(Start: 26 @54425 has 8 MA's), (Start: 38 @54338 has 2 MA's), (50, 54197), (51, 54191), (61, 54125), (65, 54107), (73, 54020), (74, 54008), (81, 53966), (82, 53963), (84, 53951), (92, 53876), (97, 53846), (98, 53843), (103, 53816), (118, 53735), (121, 53726), (128, 53675), (142, 53597), (161, 53513),

Gene: Bezza_194 Start: 109615, Stop: 110688, Start Num: 14

Candidate Starts for Bezza_194:

(9, 109588), (Start: 14 @109615 has 185 MA's), (19, 109648), (23, 109681), (37, 109771), (Start: 38 @109780 has 2 MA's), (44, 109876), (46, 109897), (93, 110305), (101, 110335), (106, 110359), (107, 110362), (117, 110422), (124, 110464), (133, 110524), (134, 110536), (140, 110575), (144, 110593), (145, 110599), (149, 110623), (157, 110659), (159, 110668), (163, 110683),

Gene: BigCity_214 Start: 112674, Stop: 113747, Start Num: 14

Candidate Starts for BigCity_214:

(9, 112647), (Start: 14 @112674 has 185 MA's), (19, 112707), (23, 112740), (37, 112830), (Start: 38 @112839 has 2 MA's), (44, 112935), (46, 112956), (93, 113364), (101, 113394), (106, 113418), (107, 113421), (117, 113481), (124, 113523), (133, 113583), (134, 113595), (140, 113634), (144, 113652), (145, 113658), (149, 113682), (157, 113718), (159, 113727), (163, 113742),

Gene: Bigswole_210 Start: 112525, Stop: 113598, Start Num: 14

Candidate Starts for Bigswole_210:

(9, 112498), (Start: 14 @112525 has 185 MA's), (19, 112558), (23, 112591), (37, 112681), (Start: 38 @112690 has 2 MA's), (44, 112786), (46, 112807), (93, 113215), (101, 113245), (106, 113269), (107, 113272), (117, 113332), (124, 113374), (133, 113434), (134, 113446), (140, 113485), (144, 113503), (145, 113509), (149, 113533), (157, 113569), (159, 113578), (163, 113593),

Gene: Bipolarisk_203 Start: 109768, Stop: 110841, Start Num: 14

Candidate Starts for Bipolarisk_203:

(9, 109741), (Start: 14 @109768 has 185 MA's), (19, 109801), (23, 109834), (37, 109924), (Start: 38 @109933 has 2 MA's), (44, 110029), (46, 110050), (93, 110458), (101, 110488), (106, 110512), (107, 110515), (117, 110575), (124, 110617), (133, 110677), (134, 110689), (140, 110728), (144, 110746), (145, 110752), (149, 110776), (157, 110812), (159, 110821), (163, 110836),

Gene: Blackbrain_202 Start: 109662, Stop: 110735, Start Num: 14

Candidate Starts for Blackbrain_202:

(9, 109635), (Start: 14 @109662 has 185 MA's), (19, 109695), (23, 109728), (37, 109818), (Start: 38 @109827 has 2 MA's), (44, 109923), (46, 109944), (93, 110352), (101, 110382), (106, 110406), (107, 110409), (117, 110469), (124, 110511), (133, 110571), (134, 110583), (140, 110622), (144, 110640), (145, 110646), (149, 110670), (157, 110706), (159, 110715), (163, 110730),

Gene: Blackdragon_200 Start: 109401, Stop: 110474, Start Num: 14

Candidate Starts for Blackdragon_200:

(9, 109374), (Start: 14 @109401 has 185 MA's), (19, 109434), (23, 109467), (37, 109557), (Start: 38 @109566 has 2 MA's), (44, 109662), (46, 109683), (93, 110091), (101, 110121), (106, 110145), (107, 110148), (117, 110208), (124, 110250), (133, 110310), (134, 110322), (140, 110361), (144, 110379), (145, 110385), (149, 110409), (157, 110445), (159, 110454), (163, 110469),

Gene: Blubba_194 Start: 112787, Stop: 113860, Start Num: 14

Candidate Starts for Blubba_194:

(6, 112637), (Start: 14 @112787 has 185 MA's), (19, 112820), (23, 112853), (37, 112943), (Start: 38 @112952 has 2 MA's), (44, 113048), (46, 113069), (93, 113477), (101, 113507), (106, 113531), (107, 113534), (117, 113594), (124, 113636), (133, 113696), (134, 113708), (140, 113747), (144, 113765), (145, 113771), (149, 113795), (157, 113831), (159, 113840), (163, 113855),

Gene: BobaPhatt_197 Start: 107776, Stop: 108849, Start Num: 14

Candidate Starts for BobaPhatt_197:

(9, 107749), (Start: 14 @107776 has 185 MA's), (19, 107809), (23, 107842), (37, 107932), (Start: 38 @107941 has 2 MA's), (44, 108037), (46, 108058), (93, 108466), (101, 108496), (106, 108520), (107, 108523), (117, 108583), (124, 108625), (133, 108685), (134, 108697), (140, 108736), (144, 108754), (145, 108760), (149, 108784), (157, 108820), (159, 108829), (163, 108844),

Gene: Bonray_207 Start: 111170, Stop: 112243, Start Num: 14

Candidate Starts for Bonray_207:

(9, 111143), (Start: 14 @111170 has 185 MA's), (19, 111203), (23, 111236), (37, 111326), (Start: 38 @111335 has 2 MA's), (44, 111431), (46, 111452), (93, 111860), (101, 111890), (106, 111914), (107, 111917), (117, 111977), (124, 112019), (133, 112079), (134, 112091), (140, 112130), (144, 112148), (145, 112154), (149, 112178), (157, 112214), (159, 112223), (163, 112238),

Gene: Bowman_203 Start: 110275, Stop: 111348, Start Num: 14

Candidate Starts for Bowman_203:

(9, 110248), (Start: 14 @110275 has 185 MA's), (19, 110308), (23, 110341), (37, 110431), (Start: 38 @110440 has 2 MA's), (44, 110536), (46, 110557), (93, 110965), (101, 110995), (106, 111019), (107, 111022), (117, 111082), (124, 111124), (133, 111184), (134, 111196), (140, 111235), (144, 111253), (145, 111259), (149, 111283), (157, 111319), (159, 111328), (163, 111343),

Gene: Bread_200 Start: 109168, Stop: 110241, Start Num: 14

Candidate Starts for Bread_200:

(9, 109141), (Start: 14 @109168 has 185 MA's), (19, 109201), (23, 109234), (37, 109324), (Start: 38 @109333 has 2 MA's), (44, 109429), (46, 109450), (93, 109858), (101, 109888), (106, 109912), (107, 109915), (117, 109975), (124, 110017), (133, 110077), (134, 110089), (140, 110128), (144, 110146), (145, 110152), (149, 110176), (157, 110212), (159, 110221), (163, 110236),

Gene: Breeniome_204 Start: 108622, Stop: 109695, Start Num: 14

Candidate Starts for Breeniome_204:

(9, 108595), (Start: 14 @108622 has 185 MA's), (19, 108655), (23, 108688), (37, 108778), (Start: 38 @108787 has 2 MA's), (44, 108883), (46, 108904), (93, 109312), (101, 109342), (106, 109366), (107, 109369), (117, 109429), (124, 109471), (133, 109531), (134, 109543), (140, 109582), (144, 109600), (145, 109606), (149, 109630), (157, 109666), (159, 109675), (163, 109690),

Gene: Burrough_207 Start: 110938, Stop: 112011, Start Num: 14

Candidate Starts for Burrough_207:

(9, 110911), (Start: 14 @110938 has 185 MA's), (19, 110971), (23, 111004), (37, 111094), (Start: 38 @111103 has 2 MA's), (44, 111199), (46, 111220), (93, 111628), (101, 111658), (106, 111682), (107, 111685), (117, 111745), (124, 111787), (133, 111847), (134, 111859), (140, 111898), (144, 111916), (145, 111922), (149, 111946), (157, 111982), (159, 111991), (163, 112006),

Gene: Bxz1_195 Start: 112137, Stop: 113210, Start Num: 14

Candidate Starts for Bxz1_195:

(9, 112110), (Start: 14 @112137 has 185 MA's), (19, 112170), (23, 112203), (37, 112293), (Start: 38 @112302 has 2 MA's), (44, 112398), (46, 112419), (93, 112827), (101, 112857), (106, 112881), (107, 112884), (117, 112944), (124, 112986), (133, 113046), (134, 113058), (140, 113097), (144, 113115), (145, 113121), (149, 113145), (157, 113181), (159, 113190), (163, 113205),

Gene: Cactojaque_200 Start: 108597, Stop: 109670, Start Num: 14

Candidate Starts for Cactojaque_200:

(9, 108570), (Start: 14 @108597 has 185 MA's), (19, 108630), (23, 108663), (37, 108753), (Start: 38 @108762 has 2 MA's), (44, 108858), (46, 108879), (93, 109287), (101, 109317), (106, 109341), (107, 109344), (117, 109404), (124, 109446), (133, 109506), (134, 109518), (140, 109557), (144, 109575), (145, 109581), (149, 109605), (157, 109641), (159, 109650), (163, 109665),

Gene: Cali_198 Start: 110544, Stop: 111617, Start Num: 14

Candidate Starts for Cali_198:

(9, 110517), (Start: 14 @110544 has 185 MA's), (19, 110577), (23, 110610), (37, 110700), (Start: 38 @110709 has 2 MA's), (44, 110805), (46, 110826), (93, 111234), (101, 111264), (106, 111288), (107, 111291), (117, 111351), (124, 111393), (133, 111453), (134, 111465), (140, 111504), (144, 111522), (145, 111528), (149, 111552), (157, 111588), (159, 111597), (163, 111612),

Gene: Cane17_196 Start: 113196, Stop: 114269, Start Num: 14

Candidate Starts for Cane17_196:

(6, 113046), (Start: 14 @113196 has 185 MA's), (19, 113229), (23, 113262), (37, 113352), (Start: 38 @113361 has 2 MA's), (44, 113457), (46, 113478), (93, 113886), (101, 113916), (106, 113940), (107, 113943), (117, 114003), (124, 114045), (133, 114105), (134, 114117), (140, 114156), (144, 114174), (145, 114180), (149, 114204), (157, 114240), (159, 114249), (163, 114264),

Gene: Cantare_45 Start: 41518, Stop: 40511, Start Num: 30

Candidate Starts for Cantare_45:

(Start: 30 @41518 has 1 MA's), (33, 41479), (34, 41476), (Start: 38 @41452 has 2 MA's), (40, 41413), (47, 41332), (71, 41143), (89, 41005), (90, 40999), (92, 40984), (99, 40948), (100, 40945), (119, 40840), (123, 40819), (130, 40780), (147, 40675), (148, 40666), (152, 40648), (156, 40627), (164, 40582), (166, 40555), (167, 40531),

Gene: Capablanca_210 Start: 111765, Stop: 112838, Start Num: 14

Candidate Starts for Capablanca_210:

(9, 111738), (Start: 14 @111765 has 185 MA's), (19, 111798), (23, 111831), (37, 111921), (Start: 38 @111930 has 2 MA's), (44, 112026), (46, 112047), (93, 112455), (101, 112485), (106, 112509), (107, 112512), (117, 112572), (124, 112614), (133, 112674), (134, 112686), (140, 112725), (144, 112743), (145, 112749), (149, 112773), (157, 112809), (159, 112818), (163, 112833),

Gene: Caravan_196 Start: 109885, Stop: 110958, Start Num: 14

Candidate Starts for Caravan_196:

(9, 109858), (Start: 14 @109885 has 185 MA's), (19, 109918), (23, 109951), (37, 110041), (Start: 38 @110050 has 2 MA's), (44, 110146), (46, 110167), (93, 110575), (101, 110605), (106, 110629), (107, 110632), (117, 110692), (124, 110734), (133, 110794), (134, 110806), (140, 110845), (144, 110863), (145, 110869), (149, 110893), (157, 110929), (159, 110938), (163, 110953),

Gene: Catera_198 Start: 108278, Stop: 109351, Start Num: 14

Candidate Starts for Catera_198:

(9, 108251), (Start: 14 @108278 has 185 MA's), (19, 108311), (23, 108344), (37, 108434), (Start: 38 @108443 has 2 MA's), (44, 108539), (46, 108560), (93, 108968), (101, 108998), (106, 109022), (107, 109025), (117, 109085), (124, 109127), (133, 109187), (134, 109199), (140, 109238), (144, 109256), (145, 109262), (149, 109286), (157, 109322), (159, 109331), (163, 109346),

Gene: Chargie21_202 Start: 108577, Stop: 109650, Start Num: 14

Candidate Starts for Chargie21_202:

(9, 108550), (Start: 14 @108577 has 185 MA's), (19, 108610), (23, 108643), (37, 108733), (Start: 38 @108742 has 2 MA's), (44, 108838), (46, 108859), (93, 109267), (101, 109297), (106, 109321), (107, 109324), (117, 109384), (124, 109426), (133, 109486), (134, 109498), (140, 109537), (144, 109555), (145, 109561), (149, 109585), (157, 109621), (159, 109630), (163, 109645),

Gene: CharlieB_199 Start: 109305, Stop: 110378, Start Num: 14

Candidate Starts for CharlieB_199:

(9, 109278), (Start: 14 @109305 has 185 MA's), (19, 109338), (23, 109371), (37, 109461), (Start: 38 @109470 has 2 MA's), (44, 109566), (46, 109587), (93, 109995), (101, 110025), (106, 110049), (107, 110052), (117, 110112), (124, 110154), (133, 110214), (134, 110226), (140, 110265), (144, 110283), (145, 110289), (149, 110313), (157, 110349), (159, 110358), (163, 110373),

Gene: ChaylaJr_202 Start: 109005, Stop: 110078, Start Num: 14

Candidate Starts for ChaylaJr_202:

(9, 108978), (Start: 14 @109005 has 185 MA's), (19, 109038), (23, 109071), (37, 109161), (Start: 38 @109170 has 2 MA's), (44, 109266), (46, 109287), (93, 109695), (101, 109725), (106, 109749), (107, 109752), (117, 109812), (124, 109854), (133, 109914), (134, 109926), (140, 109965), (144, 109983), (145, 109989), (149, 110013), (157, 110049), (159, 110058), (163, 110073),

Gene: CherryTomatoes_149 Start: 102880, Stop: 103995, Start Num: 14

Candidate Starts for CherryTomatoes_149:

(5, 102616), (6, 102736), (Start: 14 @102880 has 185 MA's), (19, 102922), (24, 102964), (31, 103000), (Start: 38 @103057 has 2 MA's), (42, 103114), (45, 103168), (46, 103174), (58, 103288), (62, 103345), (64, 103360), (68, 103381), (83, 103516), (109, 103663), (111, 103669), (116, 103705), (129, 103783), (139, 103855), (155, 103933), (160, 103957),

Gene: ChickenPhender_201 Start: 108724, Stop: 109797, Start Num: 14

Candidate Starts for ChickenPhender_201:

(9, 108697), (Start: 14 @108724 has 185 MA's), (19, 108757), (23, 108790), (37, 108880), (Start: 38 @108889 has 2 MA's), (44, 108985), (46, 109006), (93, 109414), (101, 109444), (106, 109468), (107, 109471), (117, 109531), (124, 109573), (133, 109633), (134, 109645), (140, 109684), (144, 109702), (145, 109708), (149, 109732), (157, 109768), (159, 109777), (163, 109792),

Gene: Chidiebere_66 Start: 53174, Stop: 52323, Start Num: 38

Candidate Starts for Chidiebere_66:

(Start: 26 @53261 has 8 MA's), (Start: 38 @53174 has 2 MA's), (50, 53033), (51, 53027), (61, 52961), (65, 52943), (73, 52856), (74, 52844), (81, 52802), (82, 52799), (84, 52787), (92, 52712), (97, 52682), (98, 52679), (103, 52652), (118, 52571), (121, 52562), (128, 52511), (142, 52433), (161, 52349),

Gene: ChisanaKitsune_62 Start: 52034, Stop: 51096, Start Num: 26

Candidate Starts for ChisanaKitsune_62:

(Start: 26 @52034 has 8 MA's), (Start: 38 @51947 has 2 MA's), (39, 51941), (50, 51806), (51, 51800), (61, 51734), (65, 51716), (66, 51704), (73, 51629), (74, 51617), (81, 51575), (82, 51572), (84, 51560), (92, 51485), (97, 51455), (103, 51425), (105, 51419), (118, 51344), (121, 51335), (128, 51284), (142, 51206), (161, 51122),

Gene: Chomp_205 Start: 110354, Stop: 111427, Start Num: 14

Candidate Starts for Chomp_205:

(9, 110327), (Start: 14 @110354 has 185 MA's), (19, 110387), (23, 110420), (37, 110510), (Start: 38 @110519 has 2 MA's), (44, 110615), (46, 110636), (93, 111044), (101, 111074), (106, 111098), (107, 111101), (117, 111161), (124, 111203), (133, 111263), (134, 111275), (140, 111314), (144, 111332), (145, 111338), (149, 111362), (157, 111398), (159, 111407), (163, 111422),

Gene: CindyLou_206 Start: 110614, Stop: 111687, Start Num: 14

Candidate Starts for CindyLou_206:

(9, 110587), (Start: 14 @110614 has 185 MA's), (19, 110647), (23, 110680), (37, 110770), (Start: 38 @110779 has 2 MA's), (44, 110875), (46, 110896), (93, 111304), (101, 111334), (106, 111358), (107, 111361), (117, 111421), (124, 111463), (133, 111523), (134, 111535), (140, 111574), (144, 111592), (145, 111598), (149, 111622), (157, 111658), (159, 111667), (163, 111682),

Gene: Cleatunium_198 Start: 108997, Stop: 110070, Start Num: 14

Candidate Starts for Cleatunium_198:

(9, 108970), (Start: 14 @108997 has 185 MA's), (19, 109030), (23, 109063), (37, 109153), (Start: 38 @109162 has 2 MA's), (44, 109258), (46, 109279), (93, 109687), (101, 109717), (106, 109741), (107,

109744), (117, 109804), (124, 109846), (133, 109906), (134, 109918), (140, 109957), (144, 109975), (145, 109981), (149, 110005), (157, 110041), (159, 110050), (163, 110065),

Gene: Colt_196 Start: 112427, Stop: 113500, Start Num: 14

Candidate Starts for Colt_196:

(6, 112277), (Start: 14 @112427 has 185 MA's), (19, 112460), (23, 112493), (37, 112583), (Start: 38 @112592 has 2 MA's), (44, 112688), (46, 112709), (93, 113117), (101, 113147), (106, 113171), (107, 113174), (117, 113234), (124, 113276), (133, 113336), (134, 113348), (140, 113387), (144, 113405), (145, 113411), (149, 113435), (157, 113471), (159, 113480), (163, 113495),

Gene: Concombre_210 Start: 112217, Stop: 113290, Start Num: 14

Candidate Starts for Concombre_210:

(9, 112190), (Start: 14 @112217 has 185 MA's), (19, 112250), (23, 112283), (37, 112373), (Start: 38 @112382 has 2 MA's), (44, 112478), (46, 112499), (93, 112907), (101, 112937), (106, 112961), (107, 112964), (117, 113024), (124, 113066), (133, 113126), (134, 113138), (140, 113177), (144, 113195), (145, 113201), (149, 113225), (157, 113261), (159, 113270), (163, 113285),

Gene: DTDevon_207 Start: 111103, Stop: 112176, Start Num: 14

Candidate Starts for DTDevon_207:

(9, 111076), (Start: 14 @111103 has 185 MA's), (19, 111136), (23, 111169), (37, 111259), (Start: 38 @111268 has 2 MA's), (44, 111364), (46, 111385), (93, 111793), (101, 111823), (106, 111847), (107, 111850), (117, 111910), (124, 111952), (133, 112012), (134, 112024), (140, 112063), (144, 112081), (145, 112087), (149, 112111), (157, 112147), (159, 112156), (163, 112171),

Gene: Daffodil_210 Start: 110068, Stop: 111141, Start Num: 14

Candidate Starts for Daffodil_210:

(9, 110041), (Start: 14 @110068 has 185 MA's), (19, 110101), (23, 110134), (37, 110224), (Start: 38 @110233 has 2 MA's), (44, 110329), (46, 110350), (93, 110758), (101, 110788), (106, 110812), (107, 110815), (117, 110875), (124, 110917), (133, 110977), (134, 110989), (140, 111028), (144, 111046), (145, 111052), (149, 111076), (157, 111112), (159, 111121), (163, 111136),

Gene: DalanDe_61 Start: 55926, Stop: 54979, Start Num: 26

Candidate Starts for DalanDe_61:

(Start: 26 @55926 has 8 MA's), (29, 55911), (35, 55854), (Start: 38 @55839 has 2 MA's), (50, 55698), (74, 55506), (76, 55494), (81, 55464), (92, 55374), (97, 55344), (103, 55314), (110, 55284), (119, 55230), (142, 55089), (146, 55077), (158, 55017), (159, 55011), (161, 55005), (164, 54987),

Gene: Dandelion_213 Start: 113701, Stop: 114774, Start Num: 14

Candidate Starts for Dandelion_213:

(9, 113674), (Start: 14 @113701 has 185 MA's), (19, 113734), (23, 113767), (37, 113857), (Start: 38 @113866 has 2 MA's), (44, 113962), (46, 113983), (93, 114391), (101, 114421), (106, 114445), (107, 114448), (117, 114508), (124, 114550), (133, 114610), (134, 114622), (140, 114661), (144, 114679), (145, 114685), (149, 114709), (157, 114745), (159, 114754), (163, 114769),

Gene: Darko_204 Start: 109302, Stop: 110375, Start Num: 14

Candidate Starts for Darko_204:

(9, 109275), (Start: 14 @109302 has 185 MA's), (19, 109335), (23, 109368), (37, 109458), (Start: 38 @109467 has 2 MA's), (44, 109563), (46, 109584), (93, 109992), (101, 110022), (106, 110046), (107, 110049), (117, 110109), (124, 110151), (133, 110211), (134, 110223), (140, 110262), (144, 110280), (145, 110286), (149, 110310), (157, 110346), (159, 110355), (163, 110370),

Gene: DeejaClivia_193 Start: 108437, Stop: 109510, Start Num: 14

Candidate Starts for DeejaClivia_193:

(9, 108410), (Start: 14 @108437 has 185 MA's), (19, 108470), (23, 108503), (37, 108593), (Start: 38 @108602 has 2 MA's), (44, 108698), (46, 108719), (93, 109127), (101, 109157), (106, 109181), (107, 109184), (117, 109244), (124, 109286), (133, 109346), (134, 109358), (140, 109397), (144, 109415), (145, 109421), (149, 109445), (157, 109481), (159, 109490), (163, 109505),

Gene: Delilah_203 Start: 110186, Stop: 111259, Start Num: 14

Candidate Starts for Delilah_203:

(9, 110159), (Start: 14 @110186 has 185 MA's), (19, 110219), (23, 110252), (37, 110342), (Start: 38 @110351 has 2 MA's), (44, 110447), (46, 110468), (93, 110876), (101, 110906), (106, 110930), (107, 110933), (117, 110993), (124, 111035), (133, 111095), (134, 111107), (140, 111146), (144, 111164), (145, 111170), (149, 111194), (157, 111230), (159, 111239), (163, 111254),

Gene: Delylah_207 Start: 110475, Stop: 111548, Start Num: 14

Candidate Starts for Delylah_207:

(9, 110448), (Start: 14 @110475 has 185 MA's), (19, 110508), (23, 110541), (37, 110631), (Start: 38 @110640 has 2 MA's), (44, 110736), (46, 110757), (93, 111165), (101, 111195), (106, 111219), (107, 111222), (117, 111282), (124, 111324), (133, 111384), (134, 111396), (140, 111435), (144, 111453), (145, 111459), (149, 111483), (157, 111519), (159, 111528), (163, 111543),

Gene: Demodog_211 Start: 112227, Stop: 113300, Start Num: 14

Candidate Starts for Demodog_211:

(9, 112200), (Start: 14 @112227 has 185 MA's), (19, 112260), (23, 112293), (37, 112383), (Start: 38 @112392 has 2 MA's), (44, 112488), (46, 112509), (93, 112917), (101, 112947), (106, 112971), (107, 112974), (117, 113034), (124, 113076), (133, 113136), (134, 113148), (140, 113187), (144, 113205), (145, 113211), (149, 113235), (157, 113271), (159, 113280), (163, 113295),

Gene: Derek_202 Start: 109631, Stop: 110704, Start Num: 14

Candidate Starts for Derek_202:

(9, 109604), (Start: 14 @109631 has 185 MA's), (19, 109664), (23, 109697), (37, 109787), (Start: 38 @109796 has 2 MA's), (44, 109892), (46, 109913), (93, 110321), (101, 110351), (106, 110375), (107, 110378), (117, 110438), (124, 110480), (133, 110540), (134, 110552), (140, 110591), (144, 110609), (145, 110615), (149, 110639), (157, 110675), (159, 110684), (163, 110699),

Gene: Dessert_203 Start: 108631, Stop: 109704, Start Num: 14

Candidate Starts for Dessert_203:

(9, 108604), (Start: 14 @108631 has 185 MA's), (19, 108664), (23, 108697), (37, 108787), (Start: 38 @108796 has 2 MA's), (44, 108892), (46, 108913), (93, 109321), (101, 109351), (106, 109375), (107, 109378), (117, 109438), (124, 109480), (133, 109540), (134, 109552), (140, 109591), (144, 109609), (145, 109615), (149, 109639), (157, 109675), (159, 109684), (163, 109699),

Gene: Dietrick_194 Start: 108307, Stop: 109380, Start Num: 14

Candidate Starts for Dietrick_194:

(9, 108280), (Start: 14 @108307 has 185 MA's), (19, 108340), (23, 108373), (37, 108463), (Start: 38 @108472 has 2 MA's), (44, 108568), (46, 108589), (93, 108997), (101, 109027), (106, 109051), (107, 109054), (117, 109114), (124, 109156), (133, 109216), (134, 109228), (140, 109267), (144, 109285), (145, 109291), (149, 109315), (157, 109351), (159, 109360), (163, 109375),

Gene: DirtMonster_198 Start: 109547, Stop: 110620, Start Num: 14

Candidate Starts for DirtMonster_198:

(9, 109520), (Start: 14 @109547 has 185 MA's), (19, 109580), (23, 109613), (37, 109703), (Start: 38 @109712 has 2 MA's), (44, 109808), (46, 109829), (93, 110237), (101, 110267), (106, 110291), (107, 110294), (117, 110354), (124, 110396), (133, 110456), (134, 110468), (140, 110507), (144, 110525), (145, 110531), (149, 110555), (157, 110591), (159, 110600), (163, 110615),

Gene: Domi_199 Start: 109658, Stop: 110731, Start Num: 14

Candidate Starts for Domi_199:

(9, 109631), (Start: 14 @109658 has 185 MA's), (19, 109691), (23, 109724), (37, 109814), (Start: 38 @109823 has 2 MA's), (44, 109919), (46, 109940), (93, 110348), (101, 110378), (106, 110402), (107, 110405), (117, 110465), (124, 110507), (133, 110567), (134, 110579), (140, 110618), (144, 110636), (145, 110642), (149, 110666), (157, 110702), (159, 110711), (163, 110726),

Gene: DrPhinkDaddy_202 Start: 110846, Stop: 111919, Start Num: 14

Candidate Starts for DrPhinkDaddy_202:

(9, 110819), (Start: 14 @110846 has 185 MA's), (19, 110879), (23, 110912), (37, 111002), (Start: 38 @111011 has 2 MA's), (44, 111107), (46, 111128), (93, 111536), (101, 111566), (106, 111590), (107, 111593), (117, 111653), (124, 111695), (133, 111755), (134, 111767), (140, 111806), (144, 111824), (145, 111830), (149, 111854), (157, 111890), (159, 111899), (163, 111914),

Gene: Drazdys_203 Start: 109748, Stop: 110821, Start Num: 14

Candidate Starts for Drazdys_203:

(9, 109721), (Start: 14 @109748 has 185 MA's), (19, 109781), (23, 109814), (37, 109904), (Start: 38 @109913 has 2 MA's), (44, 110009), (46, 110030), (93, 110438), (101, 110468), (106, 110492), (107, 110495), (117, 110555), (124, 110597), (133, 110657), (134, 110669), (140, 110708), (144, 110726), (145, 110732), (149, 110756), (157, 110792), (159, 110801), (163, 110816),

Gene: Duckfeet_199 Start: 109274, Stop: 110347, Start Num: 14

Candidate Starts for Duckfeet_199:

(9, 109247), (Start: 14 @109274 has 185 MA's), (19, 109307), (23, 109340), (37, 109430), (Start: 38 @109439 has 2 MA's), (44, 109535), (46, 109556), (93, 109964), (101, 109994), (106, 110018), (107, 110021), (117, 110081), (124, 110123), (133, 110183), (134, 110195), (140, 110234), (144, 110252), (145, 110258), (149, 110282), (157, 110318), (159, 110327), (163, 110342),

Gene: E3_gp150 Start: 99938, Stop: 101044, Start Num: 16

Candidate Starts for E3_gp150:

(16, 99938), (46, 100202), (63, 100355), (67, 100373), (78, 100487), (86, 100550), (102, 100682), (109, 100712), (111, 100718), (127, 100847), (129, 100853), (131, 100865), (144, 100949), (151, 100985), (157, 101015), (159, 101024),

Gene: ET08_193 Start: 109339, Stop: 110412, Start Num: 14

Candidate Starts for ET08_193:

(9, 109312), (Start: 14 @109339 has 185 MA's), (19, 109372), (23, 109405), (37, 109495), (Start: 38 @109504 has 2 MA's), (44, 109600), (46, 109621), (93, 110029), (101, 110059), (106, 110083), (107, 110086), (117, 110146), (124, 110188), (133, 110248), (134, 110260), (140, 110299), (144, 110317), (145, 110323), (149, 110347), (157, 110383), (159, 110392), (163, 110407),

Gene: EasyJones_208 Start: 109820, Stop: 110893, Start Num: 14

Candidate Starts for EasyJones_208:

(9, 109793), (Start: 14 @109820 has 185 MA's), (19, 109853), (23, 109886), (37, 109976), (Start: 38 @109985 has 2 MA's), (44, 110081), (46, 110102), (93, 110510), (101, 110540), (106, 110564), (107, 110567), (117, 110627), (124, 110669), (133, 110729), (134, 110741), (140, 110780), (144, 110798), (145, 110804), (149, 110828), (157, 110864), (159, 110873), (163, 110888),

Gene: EggyFarm_214 Start: 112675, Stop: 113748, Start Num: 14

Candidate Starts for EggyFarm_214:

(9, 112648), (Start: 14 @112675 has 185 MA's), (19, 112708), (23, 112741), (37, 112831), (Start: 38 @112840 has 2 MA's), (44, 112936), (46, 112957), (93, 113365), (101, 113395), (106, 113419), (107,

113422), (117, 113482), (124, 113524), (133, 113584), (134, 113596), (140, 113635), (144, 113653), (145, 113659), (149, 113683), (157, 113719), (159, 113728), (163, 113743),

Gene: EmToTheThree_205 Start: 110219, Stop: 111292, Start Num: 14

Candidate Starts for EmToTheThree_205:

(9, 110192), (Start: 14 @110219 has 185 MA's), (19, 110252), (23, 110285), (37, 110375), (Start: 38 @110384 has 2 MA's), (44, 110480), (46, 110501), (93, 110909), (101, 110939), (106, 110963), (107, 110966), (117, 111026), (124, 111068), (133, 111128), (134, 111140), (140, 111179), (144, 111197), (145, 111203), (149, 111227), (157, 111263), (159, 111272), (163, 111287),

Gene: EmmaElysia_208 Start: 110238, Stop: 111311, Start Num: 14

Candidate Starts for EmmaElysia_208:

(9, 110211), (Start: 14 @110238 has 185 MA's), (19, 110271), (23, 110304), (37, 110394), (Start: 38 @110403 has 2 MA's), (44, 110499), (46, 110520), (93, 110928), (101, 110958), (106, 110982), (107, 110985), (117, 111045), (124, 111087), (133, 111147), (134, 111159), (140, 111198), (144, 111216), (145, 111222), (149, 111246), (157, 111282), (159, 111291), (163, 111306),

Gene: EmoNemo_63 Start: 52730, Stop: 51792, Start Num: 26

Candidate Starts for EmoNemo_63:

(Start: 26 @52730 has 8 MA's), (Start: 38 @52643 has 2 MA's), (50, 52502), (51, 52496), (61, 52430), (65, 52412), (73, 52325), (74, 52313), (81, 52271), (82, 52268), (84, 52256), (92, 52181), (97, 52151), (98, 52148), (103, 52121), (118, 52040), (121, 52031), (128, 51980), (142, 51902), (161, 51818),

Gene: Erdmann_206 Start: 110177, Stop: 111250, Start Num: 14

Candidate Starts for Erdmann_206:

(9, 110150), (Start: 14 @110177 has 185 MA's), (19, 110210), (23, 110243), (37, 110333), (Start: 38 @110342 has 2 MA's), (44, 110438), (46, 110459), (93, 110867), (101, 110897), (106, 110921), (107, 110924), (117, 110984), (124, 111026), (133, 111086), (134, 111098), (140, 111137), (144, 111155), (145, 111161), (149, 111185), (157, 111221), (159, 111230), (163, 111245),

Gene: ErnieJ_198 Start: 107999, Stop: 109072, Start Num: 14

Candidate Starts for ErnieJ_198:

(9, 107972), (Start: 14 @107999 has 185 MA's), (19, 108032), (23, 108065), (37, 108155), (Start: 38 @108164 has 2 MA's), (44, 108260), (46, 108281), (93, 108689), (101, 108719), (106, 108743), (107, 108746), (117, 108806), (124, 108848), (133, 108908), (134, 108920), (140, 108959), (144, 108977), (145, 108983), (149, 109007), (157, 109043), (159, 109052), (163, 109067),

Gene: Essence_202 Start: 108960, Stop: 110033, Start Num: 14

Candidate Starts for Essence_202:

(9, 108933), (Start: 14 @108960 has 185 MA's), (19, 108993), (23, 109026), (37, 109116), (Start: 38 @109125 has 2 MA's), (44, 109221), (46, 109242), (93, 109650), (101, 109680), (106, 109704), (107, 109707), (117, 109767), (124, 109809), (133, 109869), (134, 109881), (140, 109920), (144, 109938), (145, 109944), (149, 109968), (157, 110004), (159, 110013), (163, 110028),

Gene: Ewok_204 Start: 110096, Stop: 111169, Start Num: 14

Candidate Starts for Ewok_204:

(9, 110069), (Start: 14 @110096 has 185 MA's), (19, 110129), (23, 110162), (37, 110252), (Start: 38 @110261 has 2 MA's), (44, 110357), (46, 110378), (93, 110786), (101, 110816), (106, 110840), (107, 110843), (117, 110903), (124, 110945), (133, 111005), (134, 111017), (140, 111056), (144, 111074), (145, 111080), (149, 111104), (157, 111140), (159, 111149), (163, 111164),

Gene: Farrylious_63 Start: 52422, Stop: 51571, Start Num: 38

Candidate Starts for Farrylious_63:

(Start: 26 @52509 has 8 MA's), (Start: 38 @52422 has 2 MA's), (50, 52281), (51, 52275), (61, 52209), (65, 52191), (73, 52104), (74, 52092), (81, 52050), (82, 52047), (84, 52035), (92, 51960), (97, 51930), (98, 51927), (103, 51900), (118, 51819), (121, 51810), (128, 51759), (142, 51681), (161, 51597),

Gene: Finch_73 Start: 62417, Stop: 63523, Start Num: 10

Candidate Starts for Finch_73:

(Start: 10 @62417 has 1 MA's), (33, 62549), (Start: 38 @62576 has 2 MA's), (41, 62621), (46, 62693), (49, 62729), (59, 62831), (63, 62852), (71, 62930), (75, 62960), (80, 62990), (91, 63086), (97, 63122), (108, 63155), (109, 63167), (112, 63176), (116, 63224), (120, 63248), (126, 63290), (127, 63296), (134, 63341), (135, 63344), (136, 63353), (140, 63380), (144, 63398), (145, 63404), (157, 63464), (162, 63482),

Gene: Fixie_205 Start: 109740, Stop: 110813, Start Num: 14

Candidate Starts for Fixie_205:

(9, 109713), (Start: 14 @109740 has 185 MA's), (19, 109773), (23, 109806), (37, 109896), (Start: 38 @109905 has 2 MA's), (44, 110001), (46, 110022), (93, 110430), (101, 110460), (106, 110484), (107, 110487), (117, 110547), (124, 110589), (133, 110649), (134, 110661), (140, 110700), (144, 110718), (145, 110724), (149, 110748), (157, 110784), (159, 110793), (163, 110808),

Gene: Flabslab_200 Start: 108141, Stop: 109214, Start Num: 14

Candidate Starts for Flabslab_200:

(9, 108114), (Start: 14 @108141 has 185 MA's), (19, 108174), (23, 108207), (37, 108297), (Start: 38 @108306 has 2 MA's), (44, 108402), (46, 108423), (93, 108831), (101, 108861), (106, 108885), (107, 108888), (117, 108948), (124, 108990), (133, 109050), (134, 109062), (140, 109101), (144, 109119), (145, 109125), (149, 109149), (157, 109185), (159, 109194), (163, 109209),

Gene: Fludd_205 Start: 109532, Stop: 110605, Start Num: 14

Candidate Starts for Fludd_205:

(9, 109505), (Start: 14 @109532 has 185 MA's), (19, 109565), (23, 109598), (37, 109688), (Start: 38 @109697 has 2 MA's), (44, 109793), (46, 109814), (93, 110222), (101, 110252), (106, 110276), (107, 110279), (117, 110339), (124, 110381), (133, 110441), (134, 110453), (140, 110492), (144, 110510), (145, 110516), (149, 110540), (157, 110576), (159, 110585), (163, 110600),

Gene: FlyingTortilla_65 Start: 56355, Stop: 55417, Start Num: 26

Candidate Starts for FlyingTortilla_65:

(25, 56358), (Start: 26 @56355 has 8 MA's), (Start: 38 @56268 has 2 MA's), (50, 56127), (51, 56121), (61, 56055), (70, 55983), (73, 55950), (74, 55938), (82, 55893), (84, 55881), (92, 55806), (103, 55746), (105, 55740), (110, 55716), (118, 55665), (121, 55656), (123, 55641), (128, 55605), (143, 55524), (146, 55515), (158, 55455), (161, 55443),

Gene: Fongie_206 Start: 110119, Stop: 111192, Start Num: 14

Candidate Starts for Fongie_206:

(9, 110092), (Start: 14 @110119 has 185 MA's), (19, 110152), (23, 110185), (37, 110275), (Start: 38 @110284 has 2 MA's), (44, 110380), (46, 110401), (93, 110809), (101, 110839), (106, 110863), (107, 110866), (117, 110926), (124, 110968), (133, 111028), (134, 111040), (140, 111079), (144, 111097), (145, 111103), (149, 111127), (157, 111163), (159, 111172), (163, 111187),

Gene: FoxtrotP1_203 Start: 110776, Stop: 111849, Start Num: 14

Candidate Starts for FoxtrotP1_203:

(9, 110749), (Start: 14 @110776 has 185 MA's), (19, 110809), (23, 110842), (37, 110932), (Start: 38 @110941 has 2 MA's), (44, 111037), (46, 111058), (93, 111466), (101, 111496), (106, 111520), (107, 111523), (117, 111583), (124, 111625), (133, 111685), (134, 111697), (140, 111736), (144, 111754), (145, 111760), (149, 111784), (157, 111820), (159, 111829), (163, 111844),

Gene: FrayBell_208 Start: 109621, Stop: 110694, Start Num: 14

Candidate Starts for FrayBell_208:

(9, 109594), (Start: 14 @109621 has 185 MA's), (19, 109654), (23, 109687), (37, 109777), (Start: 38 @109786 has 2 MA's), (44, 109882), (46, 109903), (93, 110311), (101, 110341), (106, 110365), (107, 110368), (117, 110428), (124, 110470), (133, 110530), (134, 110542), (140, 110581), (144, 110599), (145, 110605), (149, 110629), (157, 110665), (159, 110674), (163, 110689),

Gene: FruityLoops_63 Start: 55573, Stop: 54722, Start Num: 38

Candidate Starts for FruityLoops_63:

(25, 55663), (Start: 26 @55660 has 8 MA's), (Start: 38 @55573 has 2 MA's), (50, 55432), (51, 55426), (61, 55360), (70, 55288), (73, 55255), (74, 55243), (79, 55210), (82, 55198), (84, 55186), (92, 55111), (103, 55051), (105, 55045), (110, 55021), (118, 54970), (121, 54961), (128, 54910), (143, 54829), (146, 54820), (161, 54748),

Gene: FudgeTart_200 Start: 109243, Stop: 110316, Start Num: 14

Candidate Starts for FudgeTart_200:

(9, 109216), (Start: 14 @109243 has 185 MA's), (19, 109276), (23, 109309), (37, 109399), (Start: 38 @109408 has 2 MA's), (44, 109504), (46, 109525), (93, 109933), (101, 109963), (106, 109987), (107, 109990), (117, 110050), (124, 110092), (133, 110152), (134, 110164), (140, 110203), (144, 110221), (145, 110227), (149, 110251), (157, 110287), (159, 110296), (163, 110311),

Gene: GMA6_51 Start: 44602, Stop: 43667, Start Num: 27

Candidate Starts for GMA6_51:

(25, 44614), (27, 44602), (32, 44557), (50, 44383), (61, 44311), (66, 44281), (72, 44209), (74, 44194), (78, 44173), (79, 44161), (85, 44125), (92, 44062), (94, 44050), (95, 44041), (97, 44032), (103, 44002), (105, 43996), (110, 43972), (114, 43951), (118, 43921), (119, 43918), (123, 43897), (146, 43765), (160, 43696), (161, 43693),

Gene: Gabriel_208 Start: 108698, Stop: 109771, Start Num: 14

Candidate Starts for Gabriel_208:

(9, 108671), (Start: 14 @108698 has 185 MA's), (19, 108731), (23, 108764), (37, 108854), (Start: 38 @108863 has 2 MA's), (44, 108959), (46, 108980), (93, 109388), (101, 109418), (106, 109442), (107, 109445), (117, 109505), (124, 109547), (133, 109607), (134, 109619), (140, 109658), (144, 109676), (145, 109682), (149, 109706), (157, 109742), (159, 109751), (163, 109766),

Gene: Gamgam_206 Start: 109055, Stop: 110128, Start Num: 14

Candidate Starts for Gamgam_206:

(9, 109028), (Start: 14 @109055 has 185 MA's), (19, 109088), (23, 109121), (37, 109211), (Start: 38 @109220 has 2 MA's), (44, 109316), (46, 109337), (93, 109745), (101, 109775), (106, 109799), (107, 109802), (117, 109862), (124, 109904), (133, 109964), (134, 109976), (140, 110015), (144, 110033), (145, 110039), (149, 110063), (157, 110099), (159, 110108), (163, 110123),

Gene: Ghost_205 Start: 108976, Stop: 110049, Start Num: 14

Candidate Starts for Ghost_205:

(9, 108949), (Start: 14 @108976 has 185 MA's), (19, 109009), (23, 109042), (37, 109132), (Start: 38 @109141 has 2 MA's), (44, 109237), (46, 109258), (93, 109666), (101, 109696), (106, 109720), (107, 109723), (117, 109783), (124, 109825), (133, 109885), (134, 109897), (140, 109936), (144, 109954), (145, 109960), (149, 109984), (157, 110020), (159, 110029), (163, 110044),

Gene: Gizmo_211 Start: 112094, Stop: 113167, Start Num: 14

Candidate Starts for Gizmo_211:

(9, 112067), (Start: 14 @112094 has 185 MA's), (19, 112127), (23, 112160), (37, 112250), (Start: 38 @112259 has 2 MA's), (44, 112355), (46, 112376), (93, 112784), (101, 112814), (106, 112838), (107, 112841), (117, 112901), (124, 112943), (133, 113003), (134, 113015), (140, 113054), (144, 113072), (145, 113078), (149, 113102), (157, 113138), (159, 113147), (163, 113162),

Gene: GlutenPhree_206 Start: 109066, Stop: 110139, Start Num: 14

Candidate Starts for GlutenPhree_206:

(9, 109039), (Start: 14 @109066 has 185 MA's), (19, 109099), (23, 109132), (37, 109222), (Start: 38 @109231 has 2 MA's), (44, 109327), (46, 109348), (93, 109756), (101, 109786), (106, 109810), (107, 109813), (117, 109873), (124, 109915), (133, 109975), (134, 109987), (140, 110026), (144, 110044), (145, 110050), (149, 110074), (157, 110110), (159, 110119), (163, 110134),

Gene: Grasshills_213 Start: 112674, Stop: 113747, Start Num: 14

Candidate Starts for Grasshills_213:

(9, 112647), (Start: 14 @112674 has 185 MA's), (19, 112707), (23, 112740), (37, 112830), (Start: 38 @112839 has 2 MA's), (44, 112935), (46, 112956), (93, 113364), (101, 113394), (106, 113418), (107, 113421), (117, 113481), (124, 113523), (133, 113583), (134, 113595), (140, 113634), (144, 113652), (145, 113658), (149, 113682), (157, 113718), (159, 113727), (163, 113742),

Gene: Gray_66 Start: 53261, Stop: 52323, Start Num: 26

Candidate Starts for Gray_66:

(Start: 26 @53261 has 8 MA's), (Start: 38 @53174 has 2 MA's), (50, 53033), (51, 53027), (61, 52961), (65, 52943), (73, 52856), (74, 52844), (81, 52802), (82, 52799), (84, 52787), (92, 52712), (97, 52682), (98, 52679), (103, 52652), (118, 52571), (121, 52562), (128, 52511), (142, 52433), (161, 52349),

Gene: Greely_194 Start: 106927, Stop: 108072, Start Num: 12

Candidate Starts for Greely_194:

(8, 106888), (Start: 12 @106927 has 2 MA's), (18, 106951), (32, 107065), (Start: 38 @107098 has 2 MA's), (44, 107215), (45, 107230), (46, 107236), (48, 107266), (54, 107320), (55, 107332), (57, 107344), (60, 107377), (69, 107437), (80, 107539), (87, 107593), (88, 107602), (104, 107683), (115, 107734), (129, 107821), (139, 107896), (164, 108016),

Gene: Grungle_189 Start: 107013, Stop: 108086, Start Num: 14

Candidate Starts for Grungle_189:

(9, 106986), (Start: 14 @107013 has 185 MA's), (19, 107046), (23, 107079), (37, 107169), (Start: 38 @107178 has 2 MA's), (44, 107274), (46, 107295), (93, 107703), (101, 107733), (106, 107757), (107, 107760), (117, 107820), (124, 107862), (133, 107922), (134, 107934), (140, 107973), (144, 107991), (145, 107997), (149, 108021), (157, 108057), (159, 108066), (163, 108081),

Gene: Guwapp_200 Start: 107810, Stop: 108883, Start Num: 14

Candidate Starts for Guwapp_200:

(9, 107783), (Start: 14 @107810 has 185 MA's), (19, 107843), (23, 107876), (37, 107966), (Start: 38 @107975 has 2 MA's), (44, 108071), (46, 108092), (93, 108500), (101, 108530), (106, 108554), (107, 108557), (117, 108617), (124, 108659), (133, 108719), (134, 108731), (140, 108770), (144, 108788), (145, 108794), (149, 108818), (157, 108854), (159, 108863), (163, 108878),

Gene: Halldule_198 Start: 108195, Stop: 109268, Start Num: 14

Candidate Starts for Halldule_198:

(9, 108168), (Start: 14 @108195 has 185 MA's), (19, 108228), (23, 108261), (37, 108351), (Start: 38 @108360 has 2 MA's), (44, 108456), (46, 108477), (93, 108885), (101, 108915), (106, 108939), (107, 108942), (117, 109002), (124, 109044), (133, 109104), (134, 109116), (140, 109155), (144, 109173), (145, 109179), (149, 109203), (157, 109239), (159, 109248), (163, 109263),

Gene: Hanem_65 Start: 52643, Stop: 51792, Start Num: 38

Candidate Starts for Hanem_65:

(Start: 26 @52730 has 8 MA's), (Start: 38 @52643 has 2 MA's), (50, 52502), (51, 52496), (61, 52430), (65, 52412), (73, 52325), (74, 52313), (81, 52271), (82, 52268), (84, 52256), (92, 52181), (97, 52151), (98, 52148), (103, 52121), (118, 52040), (121, 52031), (128, 51980), (142, 51902), (161, 51818),

Gene: HyRo_193 Start: 109319, Stop: 110392, Start Num: 14

Candidate Starts for HyRo_193:

(9, 109292), (Start: 14 @109319 has 185 MA's), (19, 109352), (23, 109385), (37, 109475), (Start: 38 @109484 has 2 MA's), (44, 109580), (46, 109601), (93, 110009), (101, 110039), (106, 110063), (107, 110066), (117, 110126), (124, 110168), (133, 110228), (134, 110240), (140, 110279), (144, 110297), (145, 110303), (149, 110327), (157, 110363), (159, 110372), (163, 110387),

Gene: I3_215 Start: 112055, Stop: 113128, Start Num: 14

Candidate Starts for I3_215:

(9, 112028), (Start: 14 @112055 has 185 MA's), (19, 112088), (23, 112121), (37, 112211), (Start: 38 @112220 has 2 MA's), (44, 112316), (46, 112337), (93, 112745), (101, 112775), (106, 112799), (107, 112802), (117, 112862), (124, 112904), (133, 112964), (134, 112976), (140, 113015), (144, 113033), (145, 113039), (149, 113063), (157, 113099), (159, 113108), (163, 113123),

Gene: IkeLoa_197 Start: 108717, Stop: 109790, Start Num: 14

Candidate Starts for IkeLoa_197:

(9, 108690), (Start: 14 @108717 has 185 MA's), (19, 108750), (23, 108783), (37, 108873), (Start: 38 @108882 has 2 MA's), (44, 108978), (46, 108999), (93, 109407), (101, 109437), (106, 109461), (107, 109464), (117, 109524), (124, 109566), (133, 109626), (134, 109638), (140, 109677), (144, 109695), (145, 109701), (149, 109725), (157, 109761), (159, 109770), (163, 109785),

Gene: InigoMontoya_208 Start: 109729, Stop: 110802, Start Num: 14

Candidate Starts for InigoMontoya_208:

(9, 109702), (Start: 14 @109729 has 185 MA's), (19, 109762), (23, 109795), (37, 109885), (Start: 38 @109894 has 2 MA's), (44, 109990), (46, 110011), (93, 110419), (101, 110449), (106, 110473), (107, 110476), (117, 110536), (124, 110578), (133, 110638), (134, 110650), (140, 110689), (144, 110707), (145, 110713), (149, 110737), (157, 110773), (159, 110782), (163, 110797),

Gene: InterFolia_208 Start: 111427, Stop: 112500, Start Num: 14

Candidate Starts for InterFolia_208:

(9, 111400), (Start: 14 @111427 has 185 MA's), (19, 111460), (23, 111493), (37, 111583), (Start: 38 @111592 has 2 MA's), (44, 111688), (46, 111709), (93, 112117), (101, 112147), (106, 112171), (107, 112174), (117, 112234), (124, 112276), (133, 112336), (134, 112348), (140, 112387), (144, 112405), (145, 112411), (149, 112435), (157, 112471), (159, 112480), (163, 112495),

Gene: Iota_200 Start: 109414, Stop: 110487, Start Num: 14

Candidate Starts for Iota_200:

(9, 109387), (Start: 14 @109414 has 185 MA's), (19, 109447), (23, 109480), (37, 109570), (Start: 38 @109579 has 2 MA's), (44, 109675), (46, 109696), (93, 110104), (101, 110134), (106, 110158), (107, 110161), (117, 110221), (124, 110263), (133, 110323), (134, 110335), (140, 110374), (144, 110392), (145, 110398), (149, 110422), (157, 110458), (159, 110467), (163, 110482),

Gene: Issimir_198 Start: 109367, Stop: 110440, Start Num: 14

Candidate Starts for Issimir_198:

(9, 109340), (Start: 14 @109367 has 185 MA's), (19, 109400), (23, 109433), (37, 109523), (Start: 38 @109532 has 2 MA's), (44, 109628), (46, 109649), (93, 110057), (101, 110087), (106, 110111), (107, 110114), (117, 110174), (124, 110216), (133, 110276), (134, 110288), (140, 110327), (144, 110345),

(145, 110351), (149, 110375), (157, 110411), (159, 110420), (163, 110435),

Gene: Izajani_203 Start: 110236, Stop: 111309, Start Num: 14

Candidate Starts for Izajani_203:

(9, 110209), (Start: 14 @110236 has 185 MA's), (19, 110269), (23, 110302), (37, 110392), (Start: 38 @110401 has 2 MA's), (44, 110497), (46, 110518), (93, 110926), (101, 110956), (106, 110980), (107, 110983), (117, 111043), (124, 111085), (133, 111145), (134, 111157), (140, 111196), (144, 111214), (145, 111220), (149, 111244), (157, 111280), (159, 111289), (163, 111304),

Gene: JPickles_201 Start: 107714, Stop: 108787, Start Num: 14

Candidate Starts for JPickles_201:

(9, 107687), (Start: 14 @107714 has 185 MA's), (19, 107747), (23, 107780), (37, 107870), (Start: 38 @107879 has 2 MA's), (44, 107975), (46, 107996), (93, 108404), (101, 108434), (106, 108458), (107, 108461), (117, 108521), (124, 108563), (133, 108623), (134, 108635), (140, 108674), (144, 108692), (145, 108698), (149, 108722), (157, 108758), (159, 108767), (163, 108782),

Gene: Janiyra_208 Start: 109954, Stop: 111027, Start Num: 14

Candidate Starts for Janiyra_208:

(9, 109927), (Start: 14 @109954 has 185 MA's), (19, 109987), (23, 110020), (37, 110110), (Start: 38 @110119 has 2 MA's), (44, 110215), (46, 110236), (93, 110644), (101, 110674), (106, 110698), (107, 110701), (117, 110761), (124, 110803), (133, 110863), (134, 110875), (140, 110914), (144, 110932), (145, 110938), (149, 110962), (157, 110998), (159, 111007), (163, 111022),

Gene: JayJay_207 Start: 110651, Stop: 111724, Start Num: 14

Candidate Starts for JayJay_207:

(9, 110624), (Start: 14 @110651 has 185 MA's), (19, 110684), (23, 110717), (37, 110807), (Start: 38 @110816 has 2 MA's), (44, 110912), (46, 110933), (93, 111341), (101, 111371), (106, 111395), (107, 111398), (117, 111458), (124, 111500), (133, 111560), (134, 111572), (140, 111611), (144, 111629), (145, 111635), (149, 111659), (157, 111695), (159, 111704), (163, 111719),

Gene: Jaygup_201 Start: 108775, Stop: 109848, Start Num: 14

Candidate Starts for Jaygup_201:

(9, 108748), (Start: 14 @108775 has 185 MA's), (19, 108808), (23, 108841), (37, 108931), (Start: 38 @108940 has 2 MA's), (44, 109036), (46, 109057), (93, 109465), (101, 109495), (106, 109519), (107, 109522), (117, 109582), (124, 109624), (133, 109684), (134, 109696), (140, 109735), (144, 109753), (145, 109759), (149, 109783), (157, 109819), (159, 109828), (163, 109843),

Gene: JeanGrey_91 Start: 72203, Stop: 73294, Start Num: 13

Candidate Starts for JeanGrey_91:

(11, 72197), (Start: 13 @72203 has 1 MA's), (21, 72257), (36, 72359), (41, 72416), (43, 72434), (46, 72488), (54, 72572), (59, 72623), (84, 72806), (96, 72917), (109, 72965), (129, 73097), (145, 73199),

Gene: Jedediah_205 Start: 109828, Stop: 110901, Start Num: 14

Candidate Starts for Jedediah_205:

(9, 109801), (Start: 14 @109828 has 185 MA's), (19, 109861), (23, 109894), (37, 109984), (Start: 38 @109993 has 2 MA's), (44, 110089), (46, 110110), (93, 110518), (101, 110548), (106, 110572), (107, 110575), (117, 110635), (124, 110677), (133, 110737), (134, 110749), (140, 110788), (144, 110806), (145, 110812), (149, 110836), (157, 110872), (159, 110881), (163, 110896),

Gene: Jemmno_204 Start: 108657, Stop: 109730, Start Num: 14

Candidate Starts for Jemmno_204:

(9, 108630), (Start: 14 @108657 has 185 MA's), (19, 108690), (23, 108723), (37, 108813), (Start: 38 @108822 has 2 MA's), (44, 108918), (46, 108939), (93, 109347), (101, 109377), (106, 109401), (107,

109404), (117, 109464), (124, 109506), (133, 109566), (134, 109578), (140, 109617), (144, 109635), (145, 109641), (149, 109665), (157, 109701), (159, 109710), (163, 109725),

Gene: Jessibeth14_205 Start: 110845, Stop: 111918, Start Num: 14

Candidate Starts for Jessibeth14_205:

(9, 110818), (Start: 14 @110845 has 185 MA's), (19, 110878), (23, 110911), (37, 111001), (Start: 38 @111010 has 2 MA's), (44, 111106), (46, 111127), (93, 111535), (101, 111565), (106, 111589), (107, 111592), (117, 111652), (124, 111694), (133, 111754), (134, 111766), (140, 111805), (144, 111823), (145, 111829), (149, 111853), (157, 111889), (159, 111898), (163, 111913),

Gene: Jezreel_202 Start: 109914, Stop: 110987, Start Num: 14

Candidate Starts for Jezreel_202:

(9, 109887), (Start: 14 @109914 has 185 MA's), (19, 109947), (23, 109980), (37, 110070), (Start: 38 @110079 has 2 MA's), (44, 110175), (46, 110196), (93, 110604), (101, 110634), (106, 110658), (107, 110661), (117, 110721), (124, 110763), (133, 110823), (134, 110835), (140, 110874), (144, 110892), (145, 110898), (149, 110922), (157, 110958), (159, 110967), (163, 110982),

Gene: JigglyPuff_212 Start: 112225, Stop: 113298, Start Num: 14

Candidate Starts for JigglyPuff_212:

(9, 112198), (Start: 14 @112225 has 185 MA's), (19, 112258), (23, 112291), (37, 112381), (Start: 38 @112390 has 2 MA's), (44, 112486), (46, 112507), (93, 112915), (101, 112945), (106, 112969), (107, 112972), (117, 113032), (124, 113074), (133, 113134), (134, 113146), (140, 113185), (144, 113203), (145, 113209), (149, 113233), (157, 113269), (159, 113278), (163, 113293),

Gene: JulietS_196 Start: 106946, Stop: 108019, Start Num: 14

Candidate Starts for JulietS_196:

(9, 106919), (Start: 14 @106946 has 185 MA's), (19, 106979), (23, 107012), (37, 107102), (Start: 38 @107111 has 2 MA's), (44, 107207), (46, 107228), (93, 107636), (101, 107666), (106, 107690), (107, 107693), (117, 107753), (124, 107795), (133, 107855), (134, 107867), (140, 107906), (144, 107924), (145, 107930), (149, 107954), (157, 107990), (159, 107999), (163, 108014),

Gene: JustHall_199 Start: 108861, Stop: 109934, Start Num: 14

Candidate Starts for JustHall_199:

(9, 108834), (Start: 14 @108861 has 185 MA's), (19, 108894), (23, 108927), (37, 109017), (Start: 38 @109026 has 2 MA's), (44, 109122), (46, 109143), (93, 109551), (101, 109581), (106, 109605), (107, 109608), (117, 109668), (124, 109710), (133, 109770), (134, 109782), (140, 109821), (144, 109839), (145, 109845), (149, 109869), (157, 109905), (159, 109914), (163, 109929),

Gene: Kabocha_67 Start: 54073, Stop: 53135, Start Num: 26

Candidate Starts for Kabocha_67:

(Start: 26 @54073 has 8 MA's), (Start: 38 @53986 has 2 MA's), (50, 53845), (51, 53839), (61, 53773), (65, 53755), (73, 53668), (74, 53656), (81, 53614), (82, 53611), (84, 53599), (92, 53524), (97, 53494), (98, 53491), (103, 53464), (118, 53383), (121, 53374), (128, 53323), (142, 53245), (161, 53161),

Gene: Kamryn_204 Start: 110491, Stop: 111564, Start Num: 14

Candidate Starts for Kamryn_204:

(9, 110464), (Start: 14 @110491 has 185 MA's), (19, 110524), (23, 110557), (37, 110647), (Start: 38 @110656 has 2 MA's), (44, 110752), (46, 110773), (93, 111181), (101, 111211), (106, 111235), (107, 111238), (117, 111298), (124, 111340), (133, 111400), (134, 111412), (140, 111451), (144, 111469), (145, 111475), (149, 111499), (157, 111535), (159, 111544), (163, 111559),

Gene: Kboogie_209 Start: 109519, Stop: 110592, Start Num: 14

Candidate Starts for Kboogie_209:

(9, 109492), (Start: 14 @109519 has 185 MA's), (19, 109552), (23, 109585), (37, 109675), (Start: 38 @109684 has 2 MA's), (44, 109780), (46, 109801), (93, 110209), (101, 110239), (106, 110263), (107, 110266), (117, 110326), (124, 110368), (133, 110428), (134, 110440), (140, 110479), (144, 110497), (145, 110503), (149, 110527), (157, 110563), (159, 110572), (163, 110587),

Gene: Khaleesi_204 Start: 110312, Stop: 111385, Start Num: 14

Candidate Starts for Khaleesi_204:

(9, 110285), (Start: 14 @110312 has 185 MA's), (19, 110345), (23, 110378), (37, 110468), (Start: 38 @110477 has 2 MA's), (44, 110573), (46, 110594), (93, 111002), (101, 111032), (106, 111056), (107, 111059), (117, 111119), (124, 111161), (133, 111221), (134, 111233), (140, 111272), (144, 111290), (145, 111296), (149, 111320), (157, 111356), (159, 111365), (163, 111380),

Gene: Koguma_204 Start: 109172, Stop: 110245, Start Num: 14

Candidate Starts for Koguma_204:

(9, 109145), (Start: 14 @109172 has 185 MA's), (19, 109205), (23, 109238), (37, 109328), (Start: 38 @109337 has 2 MA's), (44, 109433), (46, 109454), (93, 109862), (101, 109892), (106, 109916), (107, 109919), (117, 109979), (124, 110021), (133, 110081), (134, 110093), (140, 110132), (144, 110150), (145, 110156), (149, 110180), (157, 110216), (159, 110225), (163, 110240),

Gene: LRRHood_198 Start: 109517, Stop: 110590, Start Num: 14

Candidate Starts for LRRHood_198:

(9, 109490), (Start: 14 @109517 has 185 MA's), (19, 109550), (23, 109583), (37, 109673), (Start: 38 @109682 has 2 MA's), (44, 109778), (46, 109799), (93, 110207), (101, 110237), (106, 110261), (107, 110264), (117, 110324), (124, 110366), (133, 110426), (134, 110438), (140, 110477), (144, 110495), (145, 110501), (149, 110525), (157, 110561), (159, 110570), (163, 110585),

Gene: Labradorite_203 Start: 108265, Stop: 109338, Start Num: 14

Candidate Starts for Labradorite_203:

(9, 108238), (Start: 14 @108265 has 185 MA's), (19, 108298), (23, 108331), (37, 108421), (Start: 38 @108430 has 2 MA's), (44, 108526), (46, 108547), (93, 108955), (101, 108985), (106, 109009), (107, 109012), (117, 109072), (124, 109114), (133, 109174), (134, 109186), (140, 109225), (144, 109243), (145, 109249), (149, 109273), (157, 109309), (159, 109318), (163, 109333),

Gene: Latch_205 Start: 109065, Stop: 110138, Start Num: 14

Candidate Starts for Latch_205:

(9, 109038), (Start: 14 @109065 has 185 MA's), (19, 109098), (23, 109131), (37, 109221), (Start: 38 @109230 has 2 MA's), (44, 109326), (46, 109347), (93, 109755), (101, 109785), (106, 109809), (107, 109812), (117, 109872), (124, 109914), (133, 109974), (134, 109986), (140, 110025), (144, 110043), (145, 110049), (149, 110073), (157, 110109), (159, 110118), (163, 110133),

Gene: Lee7_205 Start: 111692, Stop: 112765, Start Num: 14

Candidate Starts for Lee7_205:

(9, 111665), (Start: 14 @111692 has 185 MA's), (19, 111725), (23, 111758), (37, 111848), (Start: 38 @111857 has 2 MA's), (44, 111953), (46, 111974), (93, 112382), (101, 112412), (106, 112436), (107, 112439), (117, 112499), (124, 112541), (133, 112601), (134, 112613), (140, 112652), (144, 112670), (145, 112676), (149, 112700), (157, 112736), (159, 112745), (163, 112760),

Gene: Lenoshki_65 Start: 54338, Stop: 53487, Start Num: 38

Candidate Starts for Lenoshki_65:

(Start: 26 @54425 has 8 MA's), (Start: 38 @54338 has 2 MA's), (50, 54197), (51, 54191), (61, 54125), (65, 54107), (73, 54020), (74, 54008), (81, 53966), (82, 53963), (84, 53951), (92, 53876), (97, 53846), (98, 53843), (103, 53816), (118, 53735), (121, 53726), (128, 53675), (142, 53597), (161, 53513),

Gene: Lethe_205 Start: 110955, Stop: 112028, Start Num: 14

Candidate Starts for Lethe_205:

(9, 110928), (Start: 14 @110955 has 185 MA's), (19, 110988), (23, 111021), (37, 111111), (Start: 38 @111120 has 2 MA's), (44, 111216), (46, 111237), (93, 111645), (101, 111675), (106, 111699), (107, 111702), (117, 111762), (124, 111804), (133, 111864), (134, 111876), (140, 111915), (144, 111933), (145, 111939), (149, 111963), (157, 111999), (159, 112008), (163, 112023),

Gene: LifeSavor_204 Start: 109590, Stop: 110663, Start Num: 14

Candidate Starts for LifeSavor_204:

(9, 109563), (Start: 14 @109590 has 185 MA's), (19, 109623), (23, 109656), (37, 109746), (Start: 38 @109755 has 2 MA's), (44, 109851), (46, 109872), (93, 110280), (101, 110310), (106, 110334), (107, 110337), (117, 110397), (124, 110439), (133, 110499), (134, 110511), (140, 110550), (144, 110568), (145, 110574), (149, 110598), (157, 110634), (159, 110643), (163, 110658),

Gene: LinStu_204 Start: 109804, Stop: 110877, Start Num: 14

Candidate Starts for LinStu_204:

(9, 109777), (Start: 14 @109804 has 185 MA's), (19, 109837), (23, 109870), (37, 109960), (Start: 38 @109969 has 2 MA's), (44, 110065), (46, 110086), (93, 110494), (101, 110524), (106, 110548), (107, 110551), (117, 110611), (124, 110653), (133, 110713), (134, 110725), (140, 110764), (144, 110782), (145, 110788), (149, 110812), (157, 110848), (159, 110857), (163, 110872),

Gene: Littleton_208 Start: 110302, Stop: 111375, Start Num: 14

Candidate Starts for Littleton_208:

(9, 110275), (Start: 14 @110302 has 185 MA's), (19, 110335), (23, 110368), (37, 110458), (Start: 38 @110467 has 2 MA's), (44, 110563), (46, 110584), (93, 110992), (101, 111022), (106, 111046), (107, 111049), (117, 111109), (124, 111151), (133, 111211), (134, 111223), (140, 111262), (144, 111280), (145, 111286), (149, 111310), (157, 111346), (159, 111355), (163, 111370),

Gene: Loanshark_202 Start: 109627, Stop: 110700, Start Num: 14

Candidate Starts for Loanshark_202:

(9, 109600), (Start: 14 @109627 has 185 MA's), (19, 109660), (23, 109693), (37, 109783), (Start: 38 @109792 has 2 MA's), (44, 109888), (46, 109909), (93, 110317), (101, 110347), (106, 110371), (107, 110374), (117, 110434), (124, 110476), (133, 110536), (134, 110548), (140, 110587), (144, 110605), (145, 110611), (149, 110635), (157, 110671), (159, 110680), (163, 110695),

Gene: LolaVince_203 Start: 110857, Stop: 111930, Start Num: 14

Candidate Starts for LolaVince_203:

(9, 110830), (Start: 14 @110857 has 185 MA's), (19, 110890), (23, 110923), (37, 111013), (Start: 38 @111022 has 2 MA's), (44, 111118), (46, 111139), (93, 111547), (101, 111577), (106, 111601), (107, 111604), (117, 111664), (124, 111706), (133, 111766), (134, 111778), (140, 111817), (144, 111835), (145, 111841), (149, 111865), (157, 111901), (159, 111910), (163, 111925),

Gene: LookingGlass_204 Start: 109819, Stop: 110892, Start Num: 14

Candidate Starts for LookingGlass_204:

(9, 109792), (Start: 14 @109819 has 185 MA's), (19, 109852), (23, 109885), (37, 109975), (Start: 38 @109984 has 2 MA's), (44, 110080), (46, 110101), (93, 110509), (101, 110539), (106, 110563), (107, 110566), (117, 110626), (124, 110668), (133, 110728), (134, 110740), (140, 110779), (144, 110797), (145, 110803), (149, 110827), (157, 110863), (159, 110872), (163, 110887),

Gene: LordLeafolot_206 Start: 110469, Stop: 111542, Start Num: 14

Candidate Starts for LordLeafolot_206:

(9, 110442), (Start: 14 @110469 has 185 MA's), (19, 110502), (23, 110535), (37, 110625), (Start: 38 @110634 has 2 MA's), (44, 110730), (46, 110751), (93, 111159), (101, 111189), (106, 111213), (107,

111216), (117, 111276), (124, 111318), (133, 111378), (134, 111390), (140, 111429), (144, 111447), (145, 111453), (149, 111477), (157, 111513), (159, 111522), (163, 111537),

Gene: Lukilu_196 Start: 110527, Stop: 111600, Start Num: 14

Candidate Starts for Lukilu_196:

(9, 110500), (Start: 14 @110527 has 185 MA's), (19, 110560), (23, 110593), (37, 110683), (Start: 38 @110692 has 2 MA's), (44, 110788), (46, 110809), (93, 111217), (101, 111247), (106, 111271), (107, 111274), (117, 111334), (124, 111376), (133, 111436), (134, 111448), (140, 111487), (144, 111505), (145, 111511), (149, 111535), (157, 111571), (159, 111580), (163, 111595),

Gene: Lunareta_203 Start: 111163, Stop: 112236, Start Num: 14

Candidate Starts for Lunareta_203:

(9, 111136), (Start: 14 @111163 has 185 MA's), (19, 111196), (23, 111229), (37, 111319), (Start: 38 @111328 has 2 MA's), (44, 111424), (46, 111445), (93, 111853), (101, 111883), (106, 111907), (107, 111910), (117, 111970), (124, 112012), (133, 112072), (134, 112084), (140, 112123), (144, 112141), (145, 112147), (149, 112171), (157, 112207), (159, 112216), (163, 112231),

Gene: Maby2021_205 Start: 110756, Stop: 111829, Start Num: 14

Candidate Starts for Maby2021_205:

(9, 110729), (Start: 14 @110756 has 185 MA's), (19, 110789), (23, 110822), (37, 110912), (Start: 38 @110921 has 2 MA's), (44, 111017), (46, 111038), (93, 111446), (101, 111476), (106, 111500), (107, 111503), (117, 111563), (124, 111605), (133, 111665), (134, 111677), (140, 111716), (144, 111734), (145, 111740), (149, 111764), (157, 111800), (159, 111809), (163, 111824),

Gene: Mangeria_206 Start: 110858, Stop: 111931, Start Num: 14

Candidate Starts for Mangeria_206:

(9, 110831), (Start: 14 @110858 has 185 MA's), (19, 110891), (23, 110924), (37, 111014), (Start: 38 @111023 has 2 MA's), (44, 111119), (46, 111140), (93, 111548), (101, 111578), (106, 111602), (107, 111605), (117, 111665), (124, 111707), (133, 111767), (134, 111779), (140, 111818), (144, 111836), (145, 111842), (149, 111866), (157, 111902), (159, 111911), (163, 111926),

Gene: Matsumoto_203 Start: 109507, Stop: 110580, Start Num: 14

Candidate Starts for Matsumoto_203:

(9, 109480), (Start: 14 @109507 has 185 MA's), (19, 109540), (23, 109573), (37, 109663), (Start: 38 @109672 has 2 MA's), (44, 109768), (46, 109789), (93, 110197), (101, 110227), (106, 110251), (107, 110254), (117, 110314), (124, 110356), (133, 110416), (134, 110428), (140, 110467), (144, 110485), (145, 110491), (149, 110515), (157, 110551), (159, 110560), (163, 110575),

Gene: Maturis_202 Start: 110019, Stop: 111092, Start Num: 14

Candidate Starts for Maturis_202:

(9, 109992), (Start: 14 @110019 has 185 MA's), (19, 110052), (23, 110085), (37, 110175), (Start: 38 @110184 has 2 MA's), (44, 110280), (46, 110301), (93, 110709), (101, 110739), (106, 110763), (107, 110766), (117, 110826), (124, 110868), (133, 110928), (134, 110940), (140, 110979), (144, 110997), (145, 111003), (149, 111027), (157, 111063), (159, 111072), (163, 111087),

Gene: McGee_204 Start: 108701, Stop: 109774, Start Num: 14

Candidate Starts for McGee_204:

(9, 108674), (Start: 14 @108701 has 185 MA's), (19, 108734), (23, 108767), (37, 108857), (Start: 38 @108866 has 2 MA's), (44, 108962), (46, 108983), (93, 109391), (101, 109421), (106, 109445), (107, 109448), (117, 109508), (124, 109550), (133, 109610), (134, 109622), (140, 109661), (144, 109679), (145, 109685), (149, 109709), (157, 109745), (159, 109754), (163, 109769),

Gene: McWolfish_202 Start: 109523, Stop: 110596, Start Num: 14

Candidate Starts for McWolfish_202:

(9, 109496), (Start: 14 @109523 has 185 MA's), (19, 109556), (23, 109589), (37, 109679), (Start: 38 @109688 has 2 MA's), (44, 109784), (46, 109805), (93, 110213), (101, 110243), (106, 110267), (107, 110270), (117, 110330), (124, 110372), (133, 110432), (134, 110444), (140, 110483), (144, 110501), (145, 110507), (149, 110531), (157, 110567), (159, 110576), (163, 110591),

Gene: Megamind_202 Start: 109814, Stop: 110887, Start Num: 14

Candidate Starts for Megamind_202:

(9, 109787), (Start: 14 @109814 has 185 MA's), (19, 109847), (23, 109880), (37, 109970), (Start: 38 @109979 has 2 MA's), (44, 110075), (46, 110096), (93, 110504), (101, 110534), (106, 110558), (107, 110561), (117, 110621), (124, 110663), (133, 110723), (134, 110735), (140, 110774), (144, 110792), (145, 110798), (149, 110822), (157, 110858), (159, 110867), (163, 110882),

Gene: Melpomini_200 Start: 108599, Stop: 109672, Start Num: 14

Candidate Starts for Melpomini_200:

(9, 108572), (Start: 14 @108599 has 185 MA's), (19, 108632), (23, 108665), (37, 108755), (Start: 38 @108764 has 2 MA's), (44, 108860), (46, 108881), (93, 109289), (101, 109319), (106, 109343), (107, 109346), (117, 109406), (124, 109448), (133, 109508), (134, 109520), (140, 109559), (144, 109577), (145, 109583), (149, 109607), (157, 109643), (159, 109652), (163, 109667),

Gene: MikeLiesIn_207 Start: 110950, Stop: 112023, Start Num: 14

Candidate Starts for MikeLiesIn_207:

(9, 110923), (Start: 14 @110950 has 185 MA's), (19, 110983), (23, 111016), (37, 111106), (Start: 38 @111115 has 2 MA's), (44, 111211), (46, 111232), (93, 111640), (101, 111670), (106, 111694), (107, 111697), (117, 111757), (124, 111799), (133, 111859), (134, 111871), (140, 111910), (144, 111928), (145, 111934), (149, 111958), (157, 111994), (159, 112003), (163, 112018),

Gene: Mikro_201 Start: 111499, Stop: 112572, Start Num: 14

Candidate Starts for Mikro_201:

(9, 111472), (Start: 14 @111499 has 185 MA's), (19, 111532), (23, 111565), (37, 111655), (Start: 38 @111664 has 2 MA's), (44, 111760), (46, 111781), (93, 112189), (101, 112219), (106, 112243), (107, 112246), (117, 112306), (124, 112348), (133, 112408), (134, 112420), (140, 112459), (144, 112477), (145, 112483), (149, 112507), (157, 112543), (159, 112552), (163, 112567),

Gene: Mikronejon_63 Start: 52643, Stop: 51792, Start Num: 38

Candidate Starts for Mikronejon_63:

(Start: 26 @52730 has 8 MA's), (Start: 38 @52643 has 2 MA's), (50, 52502), (51, 52496), (61, 52430), (65, 52412), (73, 52325), (74, 52313), (81, 52271), (82, 52268), (84, 52256), (92, 52181), (97, 52151), (98, 52148), (103, 52121), (118, 52040), (121, 52031), (128, 51980), (142, 51902), (161, 51818),

Gene: MintFritos_63 Start: 52731, Stop: 51793, Start Num: 26

Candidate Starts for MintFritos_63:

(Start: 26 @52731 has 8 MA's), (Start: 38 @52644 has 2 MA's), (50, 52503), (51, 52497), (61, 52431), (65, 52413), (73, 52326), (74, 52314), (81, 52272), (82, 52269), (84, 52257), (92, 52182), (97, 52152), (98, 52149), (103, 52122), (118, 52041), (121, 52032), (128, 51981), (142, 51903), (161, 51819),

Gene: MoMoMixon_203 Start: 109989, Stop: 111062, Start Num: 14

Candidate Starts for MoMoMixon_203:

(9, 109962), (Start: 14 @109989 has 185 MA's), (19, 110022), (23, 110055), (37, 110145), (Start: 38 @110154 has 2 MA's), (44, 110250), (46, 110271), (93, 110679), (101, 110709), (106, 110733), (107, 110736), (117, 110796), (124, 110838), (133, 110898), (134, 110910), (140, 110949), (144, 110967), (145, 110973), (149, 110997), (157, 111033), (159, 111042), (163, 111057),

Gene: Moby_201 Start: 108964, Stop: 110037, Start Num: 14

Candidate Starts for Moby_201:

(9, 108937), (Start: 14 @108964 has 185 MA's), (19, 108997), (23, 109030), (37, 109120), (Start: 38 @109129 has 2 MA's), (44, 109225), (46, 109246), (93, 109654), (101, 109684), (106, 109708), (107, 109711), (117, 109771), (124, 109813), (133, 109873), (134, 109885), (140, 109924), (144, 109942), (145, 109948), (149, 109972), (157, 110008), (159, 110017), (163, 110032),

Gene: Moiqah_200 Start: 108941, Stop: 110014, Start Num: 14

Candidate Starts for Moiqah_200:

(9, 108914), (Start: 14 @108941 has 185 MA's), (19, 108974), (23, 109007), (37, 109097), (Start: 38 @109106 has 2 MA's), (44, 109202), (46, 109223), (93, 109631), (101, 109661), (106, 109685), (107, 109688), (117, 109748), (124, 109790), (133, 109850), (134, 109862), (140, 109901), (144, 109919), (145, 109925), (149, 109949), (157, 109985), (159, 109994), (163, 110009),

Gene: Momo_206 Start: 109065, Stop: 110138, Start Num: 14

Candidate Starts for Momo_206:

(9, 109038), (Start: 14 @109065 has 185 MA's), (19, 109098), (23, 109131), (37, 109221), (Start: 38 @109230 has 2 MA's), (44, 109326), (46, 109347), (93, 109755), (101, 109785), (106, 109809), (107, 109812), (117, 109872), (124, 109914), (133, 109974), (134, 109986), (140, 110025), (144, 110043), (145, 110049), (149, 110073), (157, 110109), (159, 110118), (163, 110133),

Gene: Montpel_203 Start: 111161, Stop: 112234, Start Num: 14

Candidate Starts for Montpel_203:

(9, 111134), (Start: 14 @111161 has 185 MA's), (19, 111194), (23, 111227), (37, 111317), (Start: 38 @111326 has 2 MA's), (44, 111422), (46, 111443), (93, 111851), (101, 111881), (106, 111905), (107, 111908), (117, 111968), (124, 112010), (133, 112070), (134, 112082), (140, 112121), (144, 112139), (145, 112145), (149, 112169), (157, 112205), (159, 112214), (163, 112229),

Gene: Morizzled23_202 Start: 108432, Stop: 109505, Start Num: 14

Candidate Starts for Morizzled23_202:

(9, 108405), (Start: 14 @108432 has 185 MA's), (19, 108465), (23, 108498), (37, 108588), (Start: 38 @108597 has 2 MA's), (44, 108693), (46, 108714), (93, 109122), (101, 109152), (106, 109176), (107, 109179), (117, 109239), (124, 109281), (133, 109341), (134, 109353), (140, 109392), (144, 109410), (145, 109416), (149, 109440), (157, 109476), (159, 109485), (163, 109500),

Gene: Myrna_188 Start: 106597, Stop: 107742, Start Num: 12

Candidate Starts for Myrna_188:

(Start: 12 @106597 has 2 MA's), (18, 106621), (32, 106735), (37, 106759), (Start: 38 @106768 has 2 MA's), (44, 106885), (45, 106900), (46, 106906), (48, 106936), (54, 106990), (57, 107014), (60, 107047), (69, 107107), (80, 107209), (87, 107263), (88, 107272), (104, 107353), (129, 107491), (139, 107566), (165, 107710),

Gene: Naija_206 Start: 109768, Stop: 110841, Start Num: 14

Candidate Starts for Naija_206:

(9, 109741), (Start: 14 @109768 has 185 MA's), (19, 109801), (23, 109834), (37, 109924), (Start: 38 @109933 has 2 MA's), (44, 110029), (46, 110050), (93, 110458), (101, 110488), (106, 110512), (107, 110515), (117, 110575), (124, 110617), (133, 110677), (134, 110689), (140, 110728), (144, 110746), (145, 110752), (149, 110776), (157, 110812), (159, 110821), (163, 110836),

Gene: Napoleon13_202 Start: 108796, Stop: 109869, Start Num: 14

Candidate Starts for Napoleon13_202:

(9, 108769), (Start: 14 @108796 has 185 MA's), (19, 108829), (23, 108862), (37, 108952), (Start: 38 @108961 has 2 MA's), (44, 109057), (46, 109078), (93, 109486), (101, 109516), (106, 109540), (107,

109543), (117, 109603), (124, 109645), (133, 109705), (134, 109717), (140, 109756), (144, 109774), (145, 109780), (149, 109804), (157, 109840), (159, 109849), (163, 109864),

Gene: Nappy_206 Start: 111462, Stop: 112535, Start Num: 14

Candidate Starts for Nappy_206:

(9, 111435), (Start: 14 @111462 has 185 MA's), (19, 111495), (23, 111528), (37, 111618), (Start: 38 @111627 has 2 MA's), (44, 111723), (46, 111744), (93, 112152), (101, 112182), (106, 112206), (107, 112209), (117, 112269), (124, 112311), (133, 112371), (134, 112383), (140, 112422), (144, 112440), (145, 112446), (149, 112470), (157, 112506), (159, 112515), (163, 112530),

Gene: Naval22_210 Start: 111545, Stop: 112618, Start Num: 14

Candidate Starts for Naval22_210:

(9, 111518), (Start: 14 @111545 has 185 MA's), (19, 111578), (23, 111611), (37, 111701), (Start: 38 @111710 has 2 MA's), (44, 111806), (46, 111827), (93, 112235), (101, 112265), (106, 112289), (107, 112292), (117, 112352), (124, 112394), (133, 112454), (134, 112466), (140, 112505), (144, 112523), (145, 112529), (149, 112553), (157, 112589), (159, 112598), (163, 112613),

Gene: NedWong_204 Start: 110201, Stop: 111274, Start Num: 14

Candidate Starts for NedWong_204:

(9, 110174), (Start: 14 @110201 has 185 MA's), (19, 110234), (23, 110267), (37, 110357), (Start: 38 @110366 has 2 MA's), (44, 110462), (46, 110483), (93, 110891), (101, 110921), (106, 110945), (107, 110948), (117, 111008), (124, 111050), (133, 111110), (134, 111122), (140, 111161), (144, 111179), (145, 111185), (149, 111209), (157, 111245), (159, 111254), (163, 111269),

Gene: Ngannou_202 Start: 108047, Stop: 109120, Start Num: 14

Candidate Starts for Ngannou_202:

(9, 108020), (Start: 14 @108047 has 185 MA's), (19, 108080), (23, 108113), (37, 108203), (Start: 38 @108212 has 2 MA's), (44, 108308), (46, 108329), (93, 108737), (101, 108767), (106, 108791), (107, 108794), (117, 108854), (124, 108896), (133, 108956), (134, 108968), (140, 109007), (144, 109025), (145, 109031), (149, 109055), (157, 109091), (159, 109100), (163, 109115),

Gene: Nidhogg_206 Start: 110594, Stop: 111667, Start Num: 14

Candidate Starts for Nidhogg_206:

(9, 110567), (Start: 14 @110594 has 185 MA's), (19, 110627), (23, 110660), (37, 110750), (Start: 38 @110759 has 2 MA's), (44, 110855), (46, 110876), (93, 111284), (101, 111314), (106, 111338), (107, 111341), (117, 111401), (124, 111443), (133, 111503), (134, 111515), (140, 111554), (144, 111572), (145, 111578), (149, 111602), (157, 111638), (159, 111647), (163, 111662),

Gene: NoodleTree_211 Start: 110501, Stop: 111574, Start Num: 14

Candidate Starts for NoodleTree_211:

(9, 110474), (Start: 14 @110501 has 185 MA's), (19, 110534), (23, 110567), (37, 110657), (Start: 38 @110666 has 2 MA's), (44, 110762), (46, 110783), (93, 111191), (101, 111221), (106, 111245), (107, 111248), (117, 111308), (124, 111350), (133, 111410), (134, 111422), (140, 111461), (144, 111479), (145, 111485), (149, 111509), (157, 111545), (159, 111554), (163, 111569),

Gene: Norm_205 Start: 110503, Stop: 111576, Start Num: 14

Candidate Starts for Norm_205:

(9, 110476), (Start: 14 @110503 has 185 MA's), (19, 110536), (23, 110569), (37, 110659), (Start: 38 @110668 has 2 MA's), (44, 110764), (46, 110785), (93, 111193), (101, 111223), (106, 111247), (107, 111250), (117, 111310), (124, 111352), (133, 111412), (134, 111424), (140, 111463), (144, 111481), (145, 111487), (149, 111511), (157, 111547), (159, 111556), (163, 111571),

Gene: NuevoMundo_208 Start: 112055, Stop: 113128, Start Num: 14

Candidate Starts for NuevoMundo_208:

(9, 112028), (Start: 14 @112055 has 185 MA's), (19, 112088), (23, 112121), (37, 112211), (Start: 38 @112220 has 2 MA's), (44, 112316), (46, 112337), (93, 112745), (101, 112775), (106, 112799), (107, 112802), (117, 112862), (124, 112904), (133, 112964), (134, 112976), (140, 113015), (144, 113033), (145, 113039), (149, 113063), (157, 113099), (159, 113108), (163, 113123),

Gene: Oogie_65 Start: 54451, Stop: 53513, Start Num: 26

Candidate Starts for Oogie_65:

(Start: 26 @54451 has 8 MA's), (Start: 38 @54364 has 2 MA's), (50, 54223), (51, 54217), (61, 54151), (65, 54133), (73, 54046), (74, 54034), (81, 53992), (82, 53989), (84, 53977), (92, 53902), (97, 53872), (98, 53869), (103, 53842), (118, 53761), (121, 53752), (128, 53701), (142, 53623), (161, 53539),

Gene: OrediggerDelux_201 Start: 110733, Stop: 111806, Start Num: 14

Candidate Starts for OrediggerDelux_201:

(9, 110706), (Start: 14 @110733 has 185 MA's), (19, 110766), (23, 110799), (37, 110889), (Start: 38 @110898 has 2 MA's), (44, 110994), (46, 111015), (93, 111423), (101, 111453), (106, 111477), (107, 111480), (117, 111540), (124, 111582), (133, 111642), (134, 111654), (140, 111693), (144, 111711), (145, 111717), (149, 111741), (157, 111777), (159, 111786), (163, 111801),

Gene: Pakusa_63 Start: 52472, Stop: 51534, Start Num: 26

Candidate Starts for Pakusa_63:

(Start: 26 @52472 has 8 MA's), (Start: 38 @52385 has 2 MA's), (50, 52244), (51, 52238), (61, 52172), (65, 52154), (73, 52067), (74, 52055), (81, 52013), (82, 52010), (84, 51998), (92, 51923), (97, 51893), (98, 51890), (103, 51863), (118, 51782), (121, 51773), (128, 51722), (142, 51644), (161, 51560),

Gene: ParkTD_204 Start: 110065, Stop: 111138, Start Num: 14

Candidate Starts for ParkTD_204:

(9, 110038), (Start: 14 @110065 has 185 MA's), (19, 110098), (23, 110131), (37, 110221), (Start: 38 @110230 has 2 MA's), (44, 110326), (46, 110347), (93, 110755), (101, 110785), (106, 110809), (107, 110812), (117, 110872), (124, 110914), (133, 110974), (134, 110986), (140, 111025), (144, 111043), (145, 111049), (149, 111073), (157, 111109), (159, 111118), (163, 111133),

Gene: Patter_206 Start: 109079, Stop: 110152, Start Num: 14

Candidate Starts for Patter_206:

(9, 109052), (Start: 14 @109079 has 185 MA's), (19, 109112), (23, 109145), (37, 109235), (Start: 38 @109244 has 2 MA's), (44, 109340), (46, 109361), (93, 109769), (101, 109799), (106, 109823), (107, 109826), (117, 109886), (124, 109928), (133, 109988), (134, 110000), (140, 110039), (144, 110057), (145, 110063), (149, 110087), (157, 110123), (159, 110132), (163, 110147),

Gene: Phabba_199 Start: 106502, Stop: 107647, Start Num: 12

Candidate Starts for Phabba_199:

(8, 106463), (Start: 12 @106502 has 2 MA's), (18, 106526), (32, 106640), (Start: 38 @106673 has 2 MA's), (44, 106790), (45, 106805), (46, 106811), (48, 106841), (54, 106895), (55, 106907), (57, 106919), (60, 106952), (69, 107012), (80, 107114), (87, 107168), (88, 107177), (104, 107258), (129, 107396), (139, 107471), (164, 107591),

Gene: PharkleMinkus_207 Start: 109620, Stop: 110693, Start Num: 14

Candidate Starts for PharkleMinkus_207:

(9, 109593), (Start: 14 @109620 has 185 MA's), (19, 109653), (23, 109686), (37, 109776), (Start: 38 @109785 has 2 MA's), (44, 109881), (46, 109902), (93, 110310), (101, 110340), (106, 110364), (107, 110367), (117, 110427), (124, 110469), (133, 110529), (134, 110541), (140, 110580), (144, 110598), (145, 110604), (149, 110628), (157, 110664), (159, 110673), (163, 110688),

Gene: Phlegm_209 Start: 109768, Stop: 110841, Start Num: 14

Candidate Starts for Phlegm_209:

(9, 109741), (Start: 14 @109768 has 185 MA's), (19, 109801), (23, 109834), (37, 109924), (Start: 38 @109933 has 2 MA's), (44, 110029), (46, 110050), (93, 110458), (101, 110488), (106, 110512), (107, 110515), (117, 110575), (124, 110617), (133, 110677), (134, 110689), (140, 110728), (144, 110746), (145, 110752), (149, 110776), (157, 110812), (159, 110821), (163, 110836),

Gene: Phox_206 Start: 110723, Stop: 111796, Start Num: 14

Candidate Starts for Phox_206:

(9, 110696), (Start: 14 @110723 has 185 MA's), (19, 110756), (23, 110789), (37, 110879), (Start: 38 @110888 has 2 MA's), (44, 110984), (46, 111005), (93, 111413), (101, 111443), (106, 111467), (107, 111470), (117, 111530), (124, 111572), (133, 111632), (134, 111644), (140, 111683), (144, 111701), (145, 111707), (149, 111731), (157, 111767), (159, 111776), (163, 111791),

Gene: Phrappuccino_115 Start: 83314, Stop: 84369, Start Num: 15

Candidate Starts for Phrappuccino_115:

(7, 83179), (Start: 15 @83314 has 2 MA's), (22, 83374), (34, 83455), (68, 83776), (75, 83863), (91, 83980), (108, 84043), (109, 84055), (111, 84061), (113, 84073), (117, 84097), (125, 84142), (127, 84166), (137, 84235), (139, 84247), (140, 84250), (141, 84253), (150, 84301), (153, 84310),

Gene: Phusco_203 Start: 108600, Stop: 109673, Start Num: 14

Candidate Starts for Phusco_203:

(9, 108573), (Start: 14 @108600 has 185 MA's), (19, 108633), (23, 108666), (37, 108756), (Start: 38 @108765 has 2 MA's), (44, 108861), (46, 108882), (93, 109290), (101, 109320), (106, 109344), (107, 109347), (117, 109407), (124, 109449), (133, 109509), (134, 109521), (140, 109560), (144, 109578), (145, 109584), (149, 109608), (157, 109644), (159, 109653), (163, 109668),

Gene: Pier_206 Start: 111597, Stop: 112670, Start Num: 14

Candidate Starts for Pier_206:

(9, 111570), (Start: 14 @111597 has 185 MA's), (19, 111630), (23, 111663), (37, 111753), (Start: 38 @111762 has 2 MA's), (44, 111858), (46, 111879), (93, 112287), (101, 112317), (106, 112341), (107, 112344), (117, 112404), (124, 112446), (133, 112506), (134, 112518), (140, 112557), (144, 112575), (145, 112581), (149, 112605), (157, 112641), (159, 112650), (163, 112665),

Gene: Pinkcreek_189 Start: 108976, Stop: 110049, Start Num: 14

Candidate Starts for Pinkcreek_189:

(9, 108949), (Start: 14 @108976 has 185 MA's), (19, 109009), (23, 109042), (37, 109132), (Start: 38 @109141 has 2 MA's), (44, 109237), (46, 109258), (93, 109666), (101, 109696), (106, 109720), (107, 109723), (117, 109783), (124, 109825), (133, 109885), (134, 109897), (140, 109936), (144, 109954), (145, 109960), (149, 109984), (157, 110020), (159, 110029), (163, 110044),

Gene: Pio_213 Start: 112792, Stop: 113865, Start Num: 14

Candidate Starts for Pio_213:

(9, 112765), (Start: 14 @112792 has 185 MA's), (19, 112825), (23, 112858), (37, 112948), (Start: 38 @112957 has 2 MA's), (44, 113053), (46, 113074), (93, 113482), (101, 113512), (106, 113536), (107, 113539), (117, 113599), (124, 113641), (133, 113701), (134, 113713), (140, 113752), (144, 113770), (145, 113776), (149, 113800), (157, 113836), (159, 113845), (163, 113860),

Gene: Pivoine_206 Start: 109768, Stop: 110841, Start Num: 14

Candidate Starts for Pivoine_206:

(9, 109741), (Start: 14 @109768 has 185 MA's), (19, 109801), (23, 109834), (37, 109924), (Start: 38 @109933 has 2 MA's), (44, 110029), (46, 110050), (93, 110458), (101, 110488), (106, 110512), (107, 110515), (117, 110575), (124, 110617), (133, 110677), (134, 110689), (140, 110728), (144, 110746),

(145, 110752), (149, 110776), (157, 110812), (159, 110821), (163, 110836),

Gene: Pleione_209 Start: 110543, Stop: 111616, Start Num: 14

Candidate Starts for Pleione_209:

(9, 110516), (Start: 14 @110543 has 185 MA's), (19, 110576), (23, 110609), (37, 110699), (Start: 38 @110708 has 2 MA's), (44, 110804), (46, 110825), (93, 111233), (101, 111263), (106, 111287), (107, 111290), (117, 111350), (124, 111392), (133, 111452), (134, 111464), (140, 111503), (144, 111521), (145, 111527), (149, 111551), (157, 111587), (159, 111596), (163, 111611),

Gene: Primadonna_200 Start: 109429, Stop: 110502, Start Num: 14

Candidate Starts for Primadonna_200:

(9, 109402), (Start: 14 @109429 has 185 MA's), (19, 109462), (23, 109495), (37, 109585), (Start: 38 @109594 has 2 MA's), (44, 109690), (46, 109711), (93, 110119), (101, 110149), (106, 110173), (107, 110176), (117, 110236), (124, 110278), (133, 110338), (134, 110350), (140, 110389), (144, 110407), (145, 110413), (149, 110437), (157, 110473), (159, 110482), (163, 110497),

Gene: Pupper_148 Start: 103120, Stop: 104235, Start Num: 14

Candidate Starts for Pupper_148:

(Start: 14 @103120 has 185 MA's), (19, 103162), (24, 103204), (31, 103240), (Start: 38 @103297 has 2 MA's), (42, 103354), (45, 103408), (46, 103414), (58, 103528), (62, 103585), (64, 103600), (68, 103621), (83, 103756), (109, 103903), (111, 103909), (116, 103945), (129, 104023), (139, 104095), (155, 104173), (160, 104197),

Gene: Pupusa_209 Start: 111097, Stop: 112170, Start Num: 14

Candidate Starts for Pupusa_209:

(9, 111070), (Start: 14 @111097 has 185 MA's), (19, 111130), (23, 111163), (37, 111253), (Start: 38 @111262 has 2 MA's), (44, 111358), (46, 111379), (93, 111787), (101, 111817), (106, 111841), (107, 111844), (117, 111904), (124, 111946), (133, 112006), (134, 112018), (140, 112057), (144, 112075), (145, 112081), (149, 112105), (157, 112141), (159, 112150), (163, 112165),

Gene: PurduePete_205 Start: 110771, Stop: 111844, Start Num: 14

Candidate Starts for PurduePete_205:

(9, 110744), (Start: 14 @110771 has 185 MA's), (19, 110804), (23, 110837), (37, 110927), (Start: 38 @110936 has 2 MA's), (44, 111032), (46, 111053), (93, 111461), (101, 111491), (106, 111515), (107, 111518), (117, 111578), (124, 111620), (133, 111680), (134, 111692), (140, 111731), (144, 111749), (145, 111755), (149, 111779), (157, 111815), (159, 111824), (163, 111839),

Gene: QBert_197 Start: 109124, Stop: 110197, Start Num: 14

Candidate Starts for QBert_197:

(9, 109097), (Start: 14 @109124 has 185 MA's), (19, 109157), (23, 109190), (37, 109280), (Start: 38 @109289 has 2 MA's), (44, 109385), (46, 109406), (93, 109814), (101, 109844), (106, 109868), (107, 109871), (117, 109931), (124, 109973), (133, 110033), (134, 110045), (140, 110084), (144, 110102), (145, 110108), (149, 110132), (157, 110168), (159, 110177), (163, 110192),

Gene: Quasimodo_207 Start: 110394, Stop: 111467, Start Num: 14

Candidate Starts for Quasimodo_207:

(9, 110367), (Start: 14 @110394 has 185 MA's), (19, 110427), (23, 110460), (37, 110550), (Start: 38 @110559 has 2 MA's), (44, 110655), (46, 110676), (93, 111084), (101, 111114), (106, 111138), (107, 111141), (117, 111201), (124, 111243), (133, 111303), (134, 111315), (140, 111354), (144, 111372), (145, 111378), (149, 111402), (157, 111438), (159, 111447), (163, 111462),

Gene: Rabinovish_198 Start: 110669, Stop: 111742, Start Num: 14

Candidate Starts for Rabinovish_198:

(9, 110642), (Start: 14 @110669 has 185 MA's), (19, 110702), (23, 110735), (37, 110825), (Start: 38 @110834 has 2 MA's), (44, 110930), (46, 110951), (93, 111359), (101, 111389), (106, 111413), (107, 111416), (117, 111476), (124, 111518), (133, 111578), (134, 111590), (140, 111629), (144, 111647), (145, 111653), (149, 111677), (157, 111713), (159, 111722), (163, 111737),

Gene: Rahel_206 Start: 109503, Stop: 110576, Start Num: 14

Candidate Starts for Rahel_206:

(9, 109476), (Start: 14 @109503 has 185 MA's), (19, 109536), (23, 109569), (37, 109659), (Start: 38 @109668 has 2 MA's), (44, 109764), (46, 109785), (93, 110193), (101, 110223), (106, 110247), (107, 110250), (117, 110310), (124, 110352), (133, 110412), (134, 110424), (140, 110463), (144, 110481), (145, 110487), (149, 110511), (157, 110547), (159, 110556), (163, 110571),

Gene: RedWattleHog_75 Start: 68343, Stop: 69437, Start Num: 17

Candidate Starts for RedWattleHog_75:

(Start: 17 @68343 has 2 MA's), (20, 68388), (24, 68427), (Start: 38 @68502 has 2 MA's), (46, 68619), (63, 68772), (77, 68895), (107, 69090), (109, 69105), (126, 69210), (127, 69216), (138, 69288), (140, 69300), (145, 69324), (150, 69348), (151, 69351), (154, 69360), (162, 69405),

Gene: Rizal_197 Start: 108021, Stop: 109094, Start Num: 14

Candidate Starts for Rizal_197:

(9, 107994), (Start: 14 @108021 has 185 MA's), (19, 108054), (23, 108087), (37, 108177), (Start: 38 @108186 has 2 MA's), (44, 108282), (46, 108303), (93, 108711), (101, 108741), (106, 108765), (107, 108768), (117, 108828), (124, 108870), (133, 108930), (134, 108942), (140, 108981), (144, 108999), (145, 109005), (149, 109029), (157, 109065), (159, 109074), (163, 109089),

Gene: RoMag_200 Start: 109814, Stop: 110887, Start Num: 14

Candidate Starts for RoMag_200:

(9, 109787), (Start: 14 @109814 has 185 MA's), (19, 109847), (23, 109880), (37, 109970), (Start: 38 @109979 has 2 MA's), (44, 110075), (46, 110096), (93, 110504), (101, 110534), (106, 110558), (107, 110561), (117, 110621), (124, 110663), (133, 110723), (134, 110735), (140, 110774), (144, 110792), (145, 110798), (149, 110822), (157, 110858), (159, 110867), (163, 110882),

Gene: Rocha_202 Start: 109256, Stop: 110329, Start Num: 14

Candidate Starts for Rocha_202:

(9, 109229), (Start: 14 @109256 has 185 MA's), (19, 109289), (23, 109322), (37, 109412), (Start: 38 @109421 has 2 MA's), (44, 109517), (46, 109538), (93, 109946), (101, 109976), (106, 110000), (107, 110003), (117, 110063), (124, 110105), (133, 110165), (134, 110177), (140, 110216), (144, 110234), (145, 110240), (149, 110264), (157, 110300), (159, 110309), (163, 110324),

Gene: Ronan_201 Start: 108206, Stop: 109279, Start Num: 14

Candidate Starts for Ronan_201:

(9, 108179), (Start: 14 @108206 has 185 MA's), (19, 108239), (23, 108272), (37, 108362), (Start: 38 @108371 has 2 MA's), (44, 108467), (46, 108488), (93, 108896), (101, 108926), (106, 108950), (107, 108953), (117, 109013), (124, 109055), (133, 109115), (134, 109127), (140, 109166), (144, 109184), (145, 109190), (149, 109214), (157, 109250), (159, 109259), (163, 109274),

Gene: Roots515_207 Start: 111322, Stop: 112395, Start Num: 14

Candidate Starts for Roots515_207:

(9, 111295), (Start: 14 @111322 has 185 MA's), (19, 111355), (23, 111388), (37, 111478), (Start: 38 @111487 has 2 MA's), (44, 111583), (46, 111604), (93, 112012), (101, 112042), (106, 112066), (107, 112069), (117, 112129), (124, 112171), (133, 112231), (134, 112243), (140, 112282), (144, 112300), (145, 112306), (149, 112330), (157, 112366), (159, 112375), (163, 112390),

Gene: SCentae_147 Start: 103271, Stop: 104386, Start Num: 14

Candidate Starts for SCentae_147:

(5, 103007), (6, 103127), (Start: 14 @103271 has 185 MA's), (19, 103313), (31, 103391), (Start: 38 @103448 has 2 MA's), (42, 103505), (45, 103559), (46, 103565), (56, 103667), (58, 103679), (62, 103736), (64, 103751), (68, 103772), (83, 103907), (109, 104054), (111, 104060), (116, 104096), (129, 104174), (139, 104246), (155, 104324), (160, 104348),

Gene: SVoro_201 Start: 110115, Stop: 111188, Start Num: 14

Candidate Starts for SVoro_201:

(9, 110088), (Start: 14 @110115 has 185 MA's), (19, 110148), (23, 110181), (37, 110271), (Start: 38 @110280 has 2 MA's), (44, 110376), (46, 110397), (93, 110805), (101, 110835), (106, 110859), (107, 110862), (117, 110922), (124, 110964), (133, 111024), (134, 111036), (140, 111075), (144, 111093), (145, 111099), (149, 111123), (157, 111159), (159, 111168), (163, 111183),

Gene: Salacia_205 Start: 109906, Stop: 110979, Start Num: 14

Candidate Starts for Salacia_205:

(9, 109879), (Start: 14 @109906 has 185 MA's), (19, 109939), (23, 109972), (37, 110062), (Start: 38 @110071 has 2 MA's), (44, 110167), (46, 110188), (93, 110596), (101, 110626), (106, 110650), (107, 110653), (117, 110713), (124, 110755), (133, 110815), (134, 110827), (140, 110866), (144, 110884), (145, 110890), (149, 110914), (157, 110950), (159, 110959), (163, 110974),

Gene: Sauce_201 Start: 108720, Stop: 109793, Start Num: 14

Candidate Starts for Sauce_201:

(9, 108693), (Start: 14 @108720 has 185 MA's), (19, 108753), (23, 108786), (37, 108876), (Start: 38 @108885 has 2 MA's), (44, 108981), (46, 109002), (93, 109410), (101, 109440), (106, 109464), (107, 109467), (117, 109527), (124, 109569), (133, 109629), (134, 109641), (140, 109680), (144, 109698), (145, 109704), (149, 109728), (157, 109764), (159, 109773), (163, 109788),

Gene: ScarletRaider_64 Start: 55642, Stop: 54704, Start Num: 26

Candidate Starts for ScarletRaider_64:

(25, 55645), (Start: 26 @55642 has 8 MA's), (Start: 38 @55555 has 2 MA's), (50, 55414), (51, 55408), (61, 55342), (70, 55270), (73, 55237), (74, 55225), (82, 55180), (84, 55168), (92, 55093), (103, 55033), (105, 55027), (110, 55003), (118, 54952), (121, 54943), (123, 54928), (128, 54892), (143, 54811), (146, 54802), (158, 54742), (161, 54730),

Gene: Schomber_64 Start: 52480, Stop: 51542, Start Num: 26

Candidate Starts for Schomber_64:

(Start: 26 @52480 has 8 MA's), (Start: 38 @52393 has 2 MA's), (50, 52252), (51, 52246), (61, 52180), (65, 52162), (73, 52075), (74, 52063), (81, 52021), (82, 52018), (84, 52006), (92, 51931), (97, 51901), (98, 51898), (103, 51871), (118, 51790), (121, 51781), (128, 51730), (142, 51652), (161, 51568),

Gene: ScoobyDoobyDoo_186 Start: 103679, Stop: 104788, Start Num: 14

Candidate Starts for ScoobyDoobyDoo_186:

(Start: 14 @103679 has 185 MA's), (18, 103700), (33, 103820), (44, 103964), (45, 103979), (48, 104015), (52, 104036), (53, 104060), (64, 104147), (80, 104285), (84, 104306), (95, 104402), (122, 104546), (129, 104585),

Gene: ScottMcG_198 Start: 108527, Stop: 109600, Start Num: 14

Candidate Starts for ScottMcG_198:

(9, 108500), (Start: 14 @108527 has 185 MA's), (19, 108560), (23, 108593), (37, 108683), (Start: 38 @108692 has 2 MA's), (44, 108788), (46, 108809), (93, 109217), (101, 109247), (106, 109271), (107, 109274), (117, 109334), (124, 109376), (133, 109436), (134, 109448), (140, 109487), (144, 109505), (145, 109511), (149, 109535), (157, 109571), (159, 109580), (163, 109595),

Gene: Sebata_206 Start: 111229, Stop: 112302, Start Num: 14

Candidate Starts for Sebata_206:

(9, 111202), (Start: 14 @111229 has 185 MA's), (19, 111262), (23, 111295), (37, 111385), (Start: 38 @111394 has 2 MA's), (44, 111490), (46, 111511), (93, 111919), (101, 111949), (106, 111973), (107, 111976), (117, 112036), (124, 112078), (133, 112138), (134, 112150), (140, 112189), (144, 112207), (145, 112213), (149, 112237), (157, 112273), (159, 112282), (163, 112297),

Gene: Settecandela_115 Start: 83314, Stop: 84369, Start Num: 15

Candidate Starts for Settecandela_115:

(7, 83179), (Start: 15 @83314 has 2 MA's), (22, 83374), (34, 83455), (68, 83776), (75, 83863), (91, 83980), (108, 84043), (109, 84055), (111, 84061), (113, 84073), (117, 84097), (125, 84142), (127, 84166), (137, 84235), (139, 84247), (140, 84250), (141, 84253), (150, 84301), (153, 84310),

Gene: Shaqnato_196 Start: 108937, Stop: 110010, Start Num: 14

Candidate Starts for Shaqnato_196:

(9, 108910), (Start: 14 @108937 has 185 MA's), (19, 108970), (23, 109003), (37, 109093), (Start: 38 @109102 has 2 MA's), (44, 109198), (46, 109219), (93, 109627), (101, 109657), (106, 109681), (107, 109684), (117, 109744), (124, 109786), (133, 109846), (134, 109858), (140, 109897), (144, 109915), (145, 109921), (149, 109945), (157, 109981), (159, 109990), (163, 110005),

Gene: Shelob_206 Start: 111677, Stop: 112750, Start Num: 14

Candidate Starts for Shelob_206:

(9, 111650), (Start: 14 @111677 has 185 MA's), (19, 111710), (23, 111743), (37, 111833), (Start: 38 @111842 has 2 MA's), (44, 111938), (46, 111959), (93, 112367), (101, 112397), (106, 112421), (107, 112424), (117, 112484), (124, 112526), (133, 112586), (134, 112598), (140, 112637), (144, 112655), (145, 112661), (149, 112685), (157, 112721), (159, 112730), (163, 112745),

Gene: ShiaLabeouf_202 Start: 108711, Stop: 109784, Start Num: 14

Candidate Starts for ShiaLabeouf_202:

(9, 108684), (Start: 14 @108711 has 185 MA's), (19, 108744), (23, 108777), (37, 108867), (Start: 38 @108876 has 2 MA's), (44, 108972), (46, 108993), (93, 109401), (101, 109431), (106, 109455), (107, 109458), (117, 109518), (124, 109560), (133, 109620), (134, 109632), (140, 109671), (144, 109689), (145, 109695), (149, 109719), (157, 109755), (159, 109764), (163, 109779),

Gene: Shifa_182 Start: 109288, Stop: 110361, Start Num: 14

Candidate Starts for Shifa_182:

(9, 109261), (Start: 14 @109288 has 185 MA's), (19, 109321), (23, 109354), (37, 109444), (Start: 38 @109453 has 2 MA's), (44, 109549), (46, 109570), (93, 109978), (101, 110008), (106, 110032), (107, 110035), (117, 110095), (124, 110137), (133, 110197), (134, 110209), (140, 110248), (144, 110266), (145, 110272), (149, 110296), (157, 110332), (159, 110341), (163, 110356),

Gene: Shnickers_203 Start: 108775, Stop: 109848, Start Num: 14

Candidate Starts for Shnickers_203:

(9, 108748), (Start: 14 @108775 has 185 MA's), (19, 108808), (23, 108841), (37, 108931), (Start: 38 @108940 has 2 MA's), (44, 109036), (46, 109057), (93, 109465), (101, 109495), (106, 109519), (107, 109522), (117, 109582), (124, 109624), (133, 109684), (134, 109696), (140, 109735), (144, 109753), (145, 109759), (149, 109783), (157, 109819), (159, 109828), (163, 109843),

Gene: Shrimp_207 Start: 110832, Stop: 111905, Start Num: 14

Candidate Starts for Shrimp_207:

(9, 110805), (Start: 14 @110832 has 185 MA's), (19, 110865), (23, 110898), (37, 110988), (Start: 38 @110997 has 2 MA's), (44, 111093), (46, 111114), (93, 111522), (101, 111552), (106, 111576), (107,

111579), (117, 111639), (124, 111681), (133, 111741), (134, 111753), (140, 111792), (144, 111810), (145, 111816), (149, 111840), (157, 111876), (159, 111885), (163, 111900),

Gene: SilverDipper_209 Start: 110324, Stop: 111397, Start Num: 14

Candidate Starts for SilverDipper_209:

(9, 110297), (Start: 14 @110324 has 185 MA's), (19, 110357), (23, 110390), (37, 110480), (Start: 38 @110489 has 2 MA's), (44, 110585), (46, 110606), (93, 111014), (101, 111044), (106, 111068), (107, 111071), (117, 111131), (124, 111173), (133, 111233), (134, 111245), (140, 111284), (144, 111302), (145, 111308), (149, 111332), (157, 111368), (159, 111377), (163, 111392),

Gene: Skog_208 Start: 132502, Stop: 133617, Start Num: 14

Candidate Starts for Skog_208:

(1, 131149), (2, 131212), (3, 131368), (4, 131917), (6, 132355), (Start: 14 @132502 has 185 MA's), (19, 132544), (Start: 38 @132679 has 2 MA's), (45, 132790), (46, 132796), (58, 132910), (62, 132967), (64, 132982), (68, 133003), (104, 133264), (109, 133285), (111, 133291), (116, 133327), (117, 133330), (124, 133372), (129, 133405), (132, 133429), (136, 133456), (140, 133480), (154, 133543), (155, 133555),

Gene: SmallFry_205 Start: 108869, Stop: 109942, Start Num: 14

Candidate Starts for SmallFry_205:

(9, 108842), (Start: 14 @108869 has 185 MA's), (19, 108902), (23, 108935), (37, 109025), (Start: 38 @109034 has 2 MA's), (44, 109130), (46, 109151), (93, 109559), (101, 109589), (106, 109613), (107, 109616), (117, 109676), (124, 109718), (133, 109778), (134, 109790), (140, 109829), (144, 109847), (145, 109853), (149, 109877), (157, 109913), (159, 109922), (163, 109937),

Gene: Spec_200 Start: 109060, Stop: 110133, Start Num: 14

Candidate Starts for Spec_200:

(9, 109033), (Start: 14 @109060 has 185 MA's), (19, 109093), (23, 109126), (37, 109216), (Start: 38 @109225 has 2 MA's), (44, 109321), (46, 109342), (93, 109750), (101, 109780), (106, 109804), (107, 109807), (117, 109867), (124, 109909), (133, 109969), (134, 109981), (140, 110020), (144, 110038), (145, 110044), (149, 110068), (157, 110104), (159, 110113), (163, 110128),

Gene: Specks_209 Start: 111176, Stop: 112249, Start Num: 14

Candidate Starts for Specks_209:

(9, 111149), (Start: 14 @111176 has 185 MA's), (19, 111209), (23, 111242), (37, 111332), (Start: 38 @111341 has 2 MA's), (44, 111437), (46, 111458), (93, 111866), (101, 111896), (106, 111920), (107, 111923), (117, 111983), (124, 112025), (133, 112085), (134, 112097), (140, 112136), (144, 112154), (145, 112160), (149, 112184), (157, 112220), (159, 112229), (163, 112244),

Gene: Sprinklers_203 Start: 109427, Stop: 110500, Start Num: 14

Candidate Starts for Sprinklers_203:

(9, 109400), (Start: 14 @109427 has 185 MA's), (19, 109460), (23, 109493), (37, 109583), (Start: 38 @109592 has 2 MA's), (44, 109688), (46, 109709), (93, 110117), (101, 110147), (106, 110171), (107, 110174), (117, 110234), (124, 110276), (133, 110336), (134, 110348), (140, 110387), (144, 110405), (145, 110411), (149, 110435), (157, 110471), (159, 110480), (163, 110495),

Gene: Spud_199 Start: 109139, Stop: 110212, Start Num: 14

Candidate Starts for Spud_199:

(9, 109112), (Start: 14 @109139 has 185 MA's), (19, 109172), (23, 109205), (37, 109295), (Start: 38 @109304 has 2 MA's), (44, 109400), (46, 109421), (93, 109829), (101, 109859), (106, 109883), (107, 109886), (117, 109946), (124, 109988), (133, 110048), (134, 110060), (140, 110099), (144, 110117), (145, 110123), (149, 110147), (157, 110183), (159, 110192), (163, 110207),

Gene: SrishMeg2525_202 Start: 110303, Stop: 111376, Start Num: 14

Candidate Starts for SrishMeg2525_202:

(9, 110276), (Start: 14 @110303 has 185 MA's), (19, 110336), (23, 110369), (37, 110459), (Start: 38 @110468 has 2 MA's), (44, 110564), (46, 110585), (93, 110993), (101, 111023), (106, 111047), (107, 111050), (117, 111110), (124, 111152), (133, 111212), (134, 111224), (140, 111263), (144, 111281), (145, 111287), (149, 111311), (157, 111347), (159, 111356), (163, 111371),

Gene: StephanieG_201 Start: 110334, Stop: 111407, Start Num: 14

Candidate Starts for StephanieG_201:

(9, 110307), (Start: 14 @110334 has 185 MA's), (19, 110367), (23, 110400), (37, 110490), (Start: 38 @110499 has 2 MA's), (44, 110595), (46, 110616), (93, 111024), (101, 111054), (106, 111078), (107, 111081), (117, 111141), (124, 111183), (133, 111243), (134, 111255), (140, 111294), (144, 111312), (145, 111318), (149, 111342), (157, 111378), (159, 111387), (163, 111402),

Gene: Stormageddon_72 Start: 68324, Stop: 69418, Start Num: 17

Candidate Starts for Stormageddon_72:

(Start: 17 @68324 has 2 MA's), (20, 68369), (24, 68408), (Start: 38 @68483 has 2 MA's), (46, 68600), (63, 68753), (77, 68876), (107, 69071), (109, 69086), (126, 69191), (127, 69197), (138, 69269), (140, 69281), (145, 69305), (150, 69329), (151, 69332), (154, 69341), (162, 69386),

Gene: Stubby_189 Start: 109179, Stop: 110252, Start Num: 14

Candidate Starts for Stubby_189:

(9, 109152), (Start: 14 @109179 has 185 MA's), (19, 109212), (23, 109245), (37, 109335), (Start: 38 @109344 has 2 MA's), (44, 109440), (46, 109461), (93, 109869), (101, 109899), (106, 109923), (107, 109926), (117, 109986), (124, 110028), (133, 110088), (134, 110100), (140, 110139), (144, 110157), (145, 110163), (149, 110187), (157, 110223), (159, 110232), (163, 110247),

Gene: StubbySaigey_210 Start: 109858, Stop: 110931, Start Num: 14

Candidate Starts for StubbySaigey_210:

(9, 109831), (Start: 14 @109858 has 185 MA's), (19, 109891), (23, 109924), (37, 110014), (Start: 38 @110023 has 2 MA's), (44, 110119), (46, 110140), (93, 110548), (101, 110578), (106, 110602), (107, 110605), (117, 110665), (124, 110707), (133, 110767), (134, 110779), (140, 110818), (144, 110836), (145, 110842), (149, 110866), (157, 110902), (159, 110911), (163, 110926),

Gene: Substance289_202 Start: 108917, Stop: 109990, Start Num: 14

Candidate Starts for Substance289_202:

(9, 108890), (Start: 14 @108917 has 185 MA's), (19, 108950), (23, 108983), (37, 109073), (Start: 38 @109082 has 2 MA's), (44, 109178), (46, 109199), (93, 109607), (101, 109637), (106, 109661), (107, 109664), (117, 109724), (124, 109766), (133, 109826), (134, 109838), (140, 109877), (144, 109895), (145, 109901), (149, 109925), (157, 109961), (159, 109970), (163, 109985),

Gene: Tainan_206 Start: 110196, Stop: 111269, Start Num: 14

Candidate Starts for Tainan_206:

(9, 110169), (Start: 14 @110196 has 185 MA's), (19, 110229), (23, 110262), (37, 110352), (Start: 38 @110361 has 2 MA's), (44, 110457), (46, 110478), (93, 110886), (101, 110916), (106, 110940), (107, 110943), (117, 111003), (124, 111045), (133, 111105), (134, 111117), (140, 111156), (144, 111174), (145, 111180), (149, 111204), (157, 111240), (159, 111249), (163, 111264),

Gene: Teardrop_202 Start: 108371, Stop: 109444, Start Num: 14

Candidate Starts for Teardrop_202:

(9, 108344), (Start: 14 @108371 has 185 MA's), (19, 108404), (23, 108437), (37, 108527), (Start: 38 @108536 has 2 MA's), (44, 108632), (46, 108653), (93, 109061), (101, 109091), (106, 109115), (107, 109118), (117, 109178), (124, 109220), (133, 109280), (134, 109292), (140, 109331), (144, 109349),

(145, 109355), (149, 109379), (157, 109415), (159, 109424), (163, 109439),

Gene: Thales_60 Start: 54613, Stop: 53894, Start Num: 50

Candidate Starts for Thales_60:

(Start: 26 @54841 has 8 MA's), (29, 54826), (35, 54769), (Start: 38 @54754 has 2 MA's), (50, 54613), (74, 54421), (76, 54409), (81, 54379), (92, 54289), (97, 54259), (103, 54229), (110, 54199), (119, 54145), (142, 54004), (146, 53992), (158, 53932), (159, 53926), (161, 53920), (164, 53902),

Gene: TinyTim_203 Start: 109152, Stop: 110225, Start Num: 14

Candidate Starts for TinyTim_203:

(9, 109125), (Start: 14 @109152 has 185 MA's), (19, 109185), (23, 109218), (37, 109308), (Start: 38 @109317 has 2 MA's), (44, 109413), (46, 109434), (93, 109842), (101, 109872), (106, 109896), (107, 109899), (117, 109959), (124, 110001), (133, 110061), (134, 110073), (140, 110112), (144, 110130), (145, 110136), (149, 110160), (157, 110196), (159, 110205), (163, 110220),

Gene: Tonenili_226 Start: 115973, Stop: 117046, Start Num: 14

Candidate Starts for Tonenili_226:

(6, 115823), (Start: 14 @115973 has 185 MA's), (19, 116006), (23, 116039), (28, 116066), (44, 116234), (46, 116255), (93, 116663), (106, 116717), (107, 116720), (117, 116780), (124, 116822), (133, 116882), (140, 116933), (144, 116951), (145, 116957), (149, 116981), (150, 116984), (157, 117017), (159, 117026), (163, 117041),

Gene: Toneprano_63 Start: 52745, Stop: 51807, Start Num: 26

Candidate Starts for Toneprano_63:

(Start: 26 @52745 has 8 MA's), (Start: 38 @52658 has 2 MA's), (50, 52517), (51, 52511), (61, 52445), (65, 52427), (73, 52340), (74, 52328), (81, 52286), (82, 52283), (84, 52271), (92, 52196), (97, 52166), (98, 52163), (103, 52136), (118, 52055), (121, 52046), (128, 51995), (142, 51917), (161, 51833),

Gene: Tortoise16_203 Start: 109614, Stop: 110687, Start Num: 14

Candidate Starts for Tortoise16_203:

(9, 109587), (Start: 14 @109614 has 185 MA's), (19, 109647), (23, 109680), (37, 109770), (Start: 38 @109779 has 2 MA's), (44, 109875), (46, 109896), (93, 110304), (101, 110334), (106, 110358), (107, 110361), (117, 110421), (124, 110463), (133, 110523), (134, 110535), (140, 110574), (144, 110592), (145, 110598), (149, 110622), (157, 110658), (159, 110667), (163, 110682),

Gene: Trinitium_201 Start: 108899, Stop: 109972, Start Num: 14

Candidate Starts for Trinitium_201:

(9, 108872), (Start: 14 @108899 has 185 MA's), (19, 108932), (23, 108965), (37, 109055), (Start: 38 @109064 has 2 MA's), (44, 109160), (46, 109181), (93, 109589), (101, 109619), (106, 109643), (107, 109646), (117, 109706), (124, 109748), (133, 109808), (134, 109820), (140, 109859), (144, 109877), (145, 109883), (149, 109907), (157, 109943), (159, 109952), (163, 109967),

Gene: Turret_198 Start: 108481, Stop: 109554, Start Num: 14

Candidate Starts for Turret_198:

(9, 108454), (Start: 14 @108481 has 185 MA's), (19, 108514), (23, 108547), (37, 108637), (Start: 38 @108646 has 2 MA's), (44, 108742), (46, 108763), (93, 109171), (101, 109201), (106, 109225), (107, 109228), (117, 109288), (124, 109330), (133, 109390), (134, 109402), (140, 109441), (144, 109459), (145, 109465), (149, 109489), (157, 109525), (159, 109534), (163, 109549),

Gene: Twin_63 Start: 52643, Stop: 51792, Start Num: 38

Candidate Starts for Twin_63:

(Start: 26 @52730 has 8 MA's), (Start: 38 @52643 has 2 MA's), (50, 52502), (51, 52496), (61, 52430), (65, 52412), (73, 52325), (74, 52313), (81, 52271), (82, 52268), (84, 52256), (92, 52181), (97, 52151),

(98, 52148), (103, 52121), (118, 52040), (121, 52031), (128, 51980), (142, 51902), (161, 51818),

Gene: Tyke_203 Start: 110981, Stop: 112054, Start Num: 14

Candidate Starts for Tyke_203:

(9, 110954), (Start: 14 @110981 has 185 MA's), (19, 111014), (23, 111047), (37, 111137), (Start: 38 @111146 has 2 MA's), (44, 111242), (46, 111263), (93, 111671), (101, 111701), (106, 111725), (107, 111728), (117, 111788), (124, 111830), (133, 111890), (134, 111902), (140, 111941), (144, 111959), (145, 111965), (149, 111989), (157, 112025), (159, 112034), (163, 112049),

Gene: UBSmoodge_67 Start: 56124, Stop: 55186, Start Num: 26

Candidate Starts for UBSmoodge_67:

(25, 56127), (Start: 26 @56124 has 8 MA's), (Start: 38 @56037 has 2 MA's), (50, 55896), (51, 55890), (61, 55824), (66, 55794), (70, 55752), (73, 55719), (74, 55707), (79, 55674), (82, 55662), (84, 55650), (92, 55575), (103, 55515), (105, 55509), (110, 55485), (118, 55434), (121, 55425), (128, 55374), (143, 55293), (146, 55284), (161, 55212),

Gene: ValleyTerrace_206 Start: 109065, Stop: 110138, Start Num: 14

Candidate Starts for ValleyTerrace_206:

(9, 109038), (Start: 14 @109065 has 185 MA's), (19, 109098), (23, 109131), (37, 109221), (Start: 38 @109230 has 2 MA's), (44, 109326), (46, 109347), (93, 109755), (101, 109785), (106, 109809), (107, 109812), (117, 109872), (124, 109914), (133, 109974), (134, 109986), (140, 110025), (144, 110043), (145, 110049), (149, 110073), (157, 110109), (159, 110118), (163, 110133),

Gene: Vortrix_224 Start: 114760, Stop: 115833, Start Num: 14

Candidate Starts for Vortrix_224:

(6, 114610), (Start: 14 @114760 has 185 MA's), (23, 114826), (28, 114853), (44, 115021), (46, 115042), (93, 115450), (106, 115504), (107, 115507), (117, 115567), (124, 115609), (133, 115669), (140, 115720), (144, 115738), (145, 115744), (149, 115768), (150, 115771), (157, 115804), (159, 115813), (163, 115828),

Gene: Wally_203 Start: 109049, Stop: 110122, Start Num: 14

Candidate Starts for Wally_203:

(9, 109022), (Start: 14 @109049 has 185 MA's), (19, 109082), (23, 109115), (37, 109205), (Start: 38 @109214 has 2 MA's), (44, 109310), (46, 109331), (93, 109739), (101, 109769), (106, 109793), (107, 109796), (117, 109856), (124, 109898), (133, 109958), (134, 109970), (140, 110009), (144, 110027), (145, 110033), (149, 110057), (157, 110093), (159, 110102), (163, 110117),

Gene: Willis_206 Start: 109963, Stop: 111036, Start Num: 14

Candidate Starts for Willis_206:

(9, 109936), (Start: 14 @109963 has 185 MA's), (19, 109996), (23, 110029), (37, 110119), (Start: 38 @110128 has 2 MA's), (44, 110224), (46, 110245), (93, 110653), (101, 110683), (106, 110707), (107, 110710), (117, 110770), (124, 110812), (133, 110872), (134, 110884), (140, 110923), (144, 110941), (145, 110947), (149, 110971), (157, 111007), (159, 111016), (163, 111031),

Gene: Yassified_202 Start: 109404, Stop: 110477, Start Num: 14

Candidate Starts for Yassified_202:

(9, 109377), (Start: 14 @109404 has 185 MA's), (19, 109437), (23, 109470), (37, 109560), (Start: 38 @109569 has 2 MA's), (44, 109665), (46, 109686), (93, 110094), (101, 110124), (106, 110148), (107, 110151), (117, 110211), (124, 110253), (133, 110313), (134, 110325), (140, 110364), (144, 110382), (145, 110388), (149, 110412), (157, 110448), (159, 110457), (163, 110472),

Gene: YemiJoy2021_206 Start: 110719, Stop: 111792, Start Num: 14

Candidate Starts for YemiJoy2021_206:

(9, 110692), (Start: 14 @110719 has 185 MA's), (19, 110752), (23, 110785), (37, 110875), (Start: 38 @110884 has 2 MA's), (44, 110980), (46, 111001), (93, 111409), (101, 111439), (106, 111463), (107, 111466), (117, 111526), (124, 111568), (133, 111628), (134, 111640), (140, 111679), (144, 111697), (145, 111703), (149, 111727), (157, 111763), (159, 111772), (163, 111787),

Gene: YoungMoneyMata_203 Start: 109261, Stop: 110334, Start Num: 14

Candidate Starts for YoungMoneyMata_203:

(9, 109234), (Start: 14 @109261 has 185 MA's), (19, 109294), (23, 109327), (37, 109417), (Start: 38 @109426 has 2 MA's), (44, 109522), (46, 109543), (93, 109951), (101, 109981), (106, 110005), (107, 110008), (117, 110068), (124, 110110), (133, 110170), (134, 110182), (140, 110221), (144, 110239), (145, 110245), (149, 110269), (157, 110305), (159, 110314), (163, 110329),

Gene: Yucca_205 Start: 110711, Stop: 111784, Start Num: 14

Candidate Starts for Yucca_205:

(9, 110684), (Start: 14 @110711 has 185 MA's), (19, 110744), (23, 110777), (37, 110867), (Start: 38 @110876 has 2 MA's), (44, 110972), (46, 110993), (93, 111401), (101, 111431), (106, 111455), (107, 111458), (117, 111518), (124, 111560), (133, 111620), (134, 111632), (140, 111671), (144, 111689), (145, 111695), (149, 111719), (157, 111755), (159, 111764), (163, 111779),

Gene: Zalkecks_204 Start: 109792, Stop: 110865, Start Num: 14

Candidate Starts for Zalkecks_204:

(9, 109765), (Start: 14 @109792 has 185 MA's), (19, 109825), (23, 109858), (37, 109948), (Start: 38 @109957 has 2 MA's), (44, 110053), (46, 110074), (93, 110482), (101, 110512), (106, 110536), (107, 110539), (117, 110599), (124, 110641), (133, 110701), (134, 110713), (140, 110752), (144, 110770), (145, 110776), (149, 110800), (157, 110836), (159, 110845), (163, 110860),

Gene: Zeenon_207 Start: 110363, Stop: 111436, Start Num: 14

Candidate Starts for Zeenon_207:

(9, 110336), (Start: 14 @110363 has 185 MA's), (19, 110396), (23, 110429), (37, 110519), (Start: 38 @110528 has 2 MA's), (44, 110624), (46, 110645), (93, 111053), (101, 111083), (106, 111107), (107, 111110), (117, 111170), (124, 111212), (133, 111272), (134, 111284), (140, 111323), (144, 111341), (145, 111347), (149, 111371), (157, 111407), (159, 111416), (163, 111431),

Gene: ZygoTaiga_202 Start: 110983, Stop: 112056, Start Num: 14

Candidate Starts for ZygoTaiga_202:

(9, 110956), (Start: 14 @110983 has 185 MA's), (19, 111016), (23, 111049), (37, 111139), (Start: 38 @111148 has 2 MA's), (44, 111244), (46, 111265), (93, 111673), (101, 111703), (106, 111727), (107, 111730), (117, 111790), (124, 111832), (133, 111892), (134, 111904), (140, 111943), (144, 111961), (145, 111967), (149, 111991), (157, 112027), (159, 112036), (163, 112051),