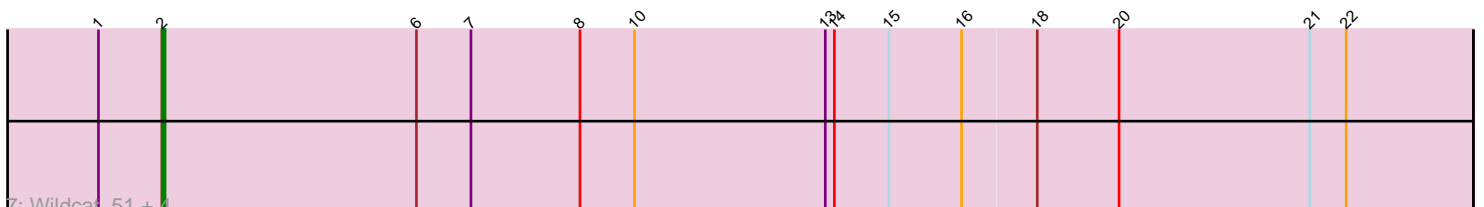
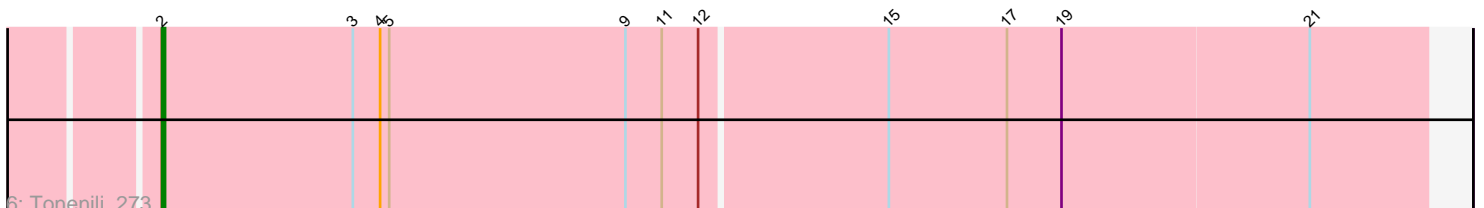
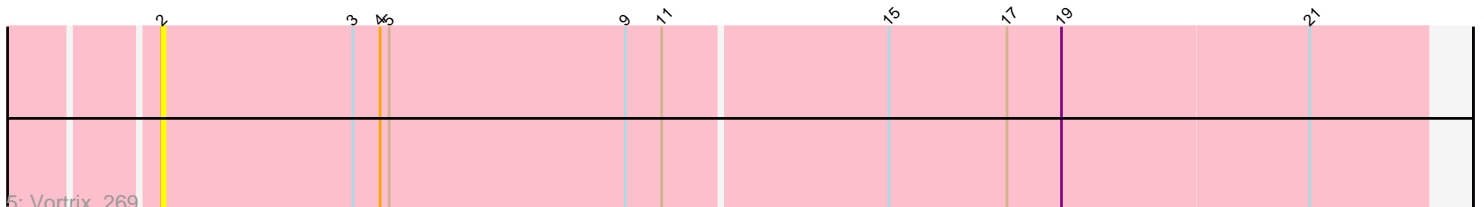
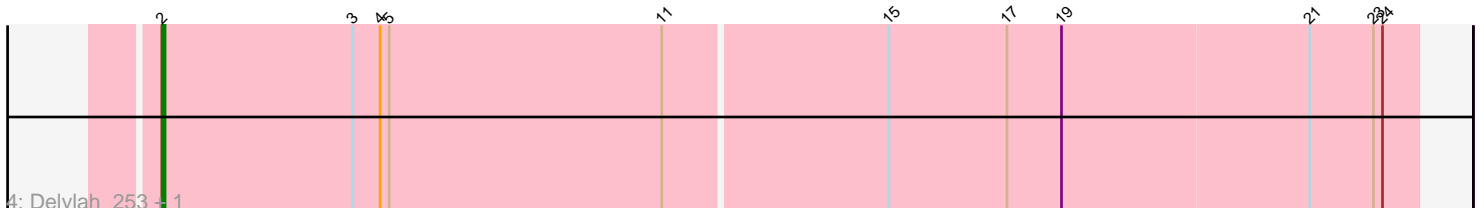
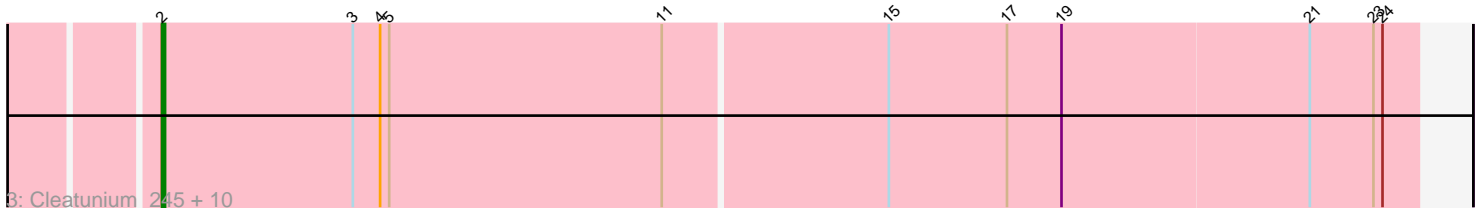
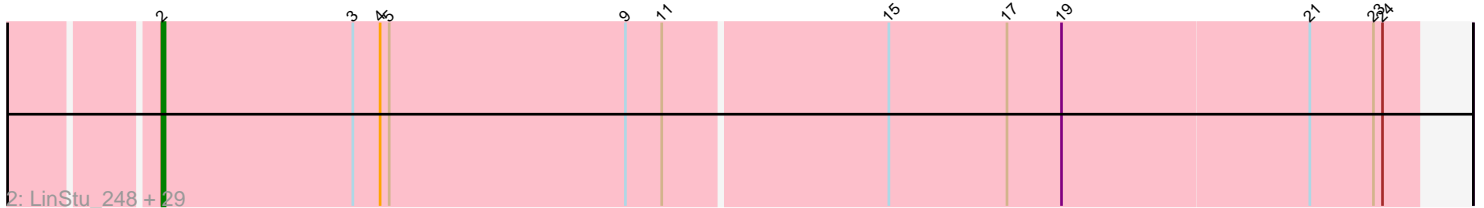
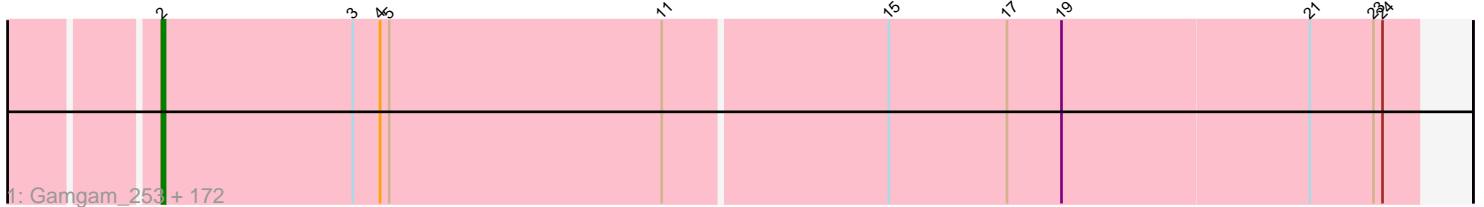


Pham 308055



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 308055 Report

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

Pham number 308055 has 223 members, 37 are drafts.

Phages represented in each track:

- Track 1 : Gamgam_253, JPickles_249, Grungle_233, BeanWater_244, Tainan_251, Ghost_251, FrayBell_254, StubbySaigey_258, Izajani_247, Pier_250, DTDevon_252, Ewok_250, Demodog_259, IkeLoa_245, Darko_251, Koguma_250, ScottMcG_243, Dietrick_240, EmmaElysia_256, Blackbrain_250, ValleyTerrace_252, LRRHood_243, BobaPhatt_244, Breeniome_251, Drazdys_248, Melpomini_246, Loanshark_248, Adlitam_251, Mikro_245, TinyTim_250, Jedediah_253, LordLeafolot_252, Grasshills_258, Roots515_254, EasyJones_252, Momo_253, Latch_251, Erdmann_253, Ablatia_251, Labradorite_248, YoungMoneyMata_251, Audrick_254, Mangeria_251, Janiyra_255, QBert_243, Sauce_248, OrediggerDelux_248, YemiJoy2021_252, Burrough_252, RoMag_246, Shelob_252, Essence_249, LookingGlass_249, Kboogie_255, NedWong_250, LolaVinca_247, Pupusa_254, Phusco_250, Pio_258, Gizmo_257, Sprinklers_249, Amataga_252, Jaygup_248, Bezza_239, MoMoMixon_247, SrishMeg2525_249, DrPhinkDaddy_248, Pivoine_252, Lee7_252, ChaylaJr_250, ZygoTaiga_248, Trinitium_248, Capablanca_256, Chargie21_249, Tortoise16_249, Atlantean_251, Bigswole_256, Kamryn_250, Basquiat_249, Dessert_248, ChickenPhender_247, ParkTD_250, Zeenon_252, Bowman_250, I3_261, MikeLiesIn_252, Megamind_248, Napoleon13_248, Iota_248, Lethe_249, Yucca_252, Specks_256, Bread_248, Derek_247, Domi_245, Astraea_247, Rahel_253, Ngannou_246, Jemmno_251, Belieber_245, Cali_241, Turret_242, Concombre_257, DirtMonster_240, Patter_253, Guwapp_247, Shnickers_250, Naval22_258, Halldule_243, Nidhogg_252, Fludd_251, Norm_251, PharkleMinkus_255, Fixie_252, JustHall_245, Fongie_251, Ava3_248, ErnieJ_245, BackyardAgain_246, Babyland_254, JigglyPuff_257, Rabinovish_244, Gabriel_254, Bipolarisk_249, BananaFence_249, McGee_253, InigoMontoya_255, FoxtrotP1_250, SilverDipper_256, Maby2021_252, Morizzled23_249, Chomp_250, Ading_254, Shrimp_254, ArcherS7_252, Zalkecks_250, BigCity_259, Tyke_248, Caravan_241, Nappy_250, InterFolia_253, Quasimodo_254, Daffodil_257, Naija_252, Phox_252, Bangla1971_252, Primadonna_247, Rizal_240, Salacia_253, CindyLou_252, FudgeTart_247, Littleton_255, Substance289_247, SmallFry_252, Dandelion_257, LifeSavor_252, Bxz1_237, Cactojaque_246, Lukilu_240, Wally_249, Spud_243, ShiaLabeouf_249, BadAgartude_245, GlutenPhree_252, Matsumoto_249, Phlegm_256, EggyFarm_259, Teardrop_250, Delilah_249, EmToTheThree_252, Willis_252, StephanieG_245, Catera_240
- Track 2 : LinStu_248, Colt_241, Blackdragon_246, Spec_245, JulietS_240, Moby_248, Moiqah_247, Blubba_238, Sebata_251, Stubby_234, JayJay_251, NuevoMundo_253, Yassified_247, DeejaClivia_238, HyRo_236, ET08_237, Lunareta_248, Ronan_247, Flabslab_246, Cane17_240, Montpel_248,

Shagnato_242, Maturis_245, Shifa_227, Pinkcreek_231, Jezreel_248, CharlieB_246, SoilZilla_244, Duckfeet_245, Alice_237

- Track 3 : Cleatunium_245, Issimir_245, Jessibeth14_251, Rocha_247, Asterius_252, Bonray_254, PurduePete_252, Khaleesi_250, NoodleTree_247, SVoro_246, McWolfish_248

- Track 4 : Delylah_253, Pleione_255

- Track 5 : Vortrix_269

- Track 6 : Tonenili_273

- Track 7 : Wildcat_51, EniyanLRS_48, Cosmo_51, Azrael100_50, MaryV_51

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

The start number called the most often in the published annotations is 2, it was called in 186 of the 186 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ablatia_251, Ading_254, Adlitam_251, Alice_237, Amataga_252, ArcherS7_252, Asterius_252, Astraea_247, Atlantean_251, Audrick_254, Ava3_248, Azrael100_50, Babyland_254, BackyardAgain_246, BadAgartude_245, BananaFence_249, Bangla1971_252, Basquiat_249, BeanWater_244, Belieber_245, Bezza_239, BigCity_259, Bigswole_256, Bipolarisk_249, Blackbrain_250, Blackdragon_246, Blubba_238, BobaPhatt_244, Bonray_254, Bowman_250, Bread_248, Breeniome_251, Burrough_252, Bxz1_237, Cactojaque_246, Cali_241, Cane17_240, Capablanca_256, Caravan_241, Catera_240, Chargie21_249, CharlieB_246, ChaylaJr_250, ChickenPhender_247, Chomp_250, CindyLou_252, Cleatunium_245, Colt_241, Concombre_257, Cosmo_51, DTDevon_252, Daffodil_257, Dandelion_257, Darko_251, DeejaClivia_238, Delilah_249, Delylah_253, Demodog_259, Derek_247, Dessert_248, Dietrick_240, DirtMonster_240, Domi_245, DrPhinkDaddy_248, Drazdys_248, Duckfeet_245, ET08_237, EasyJones_252, EggyFarm_259, EmToTheThree_252, EmmaElysia_256, EniyanLRS_48, Erdmann_253, ErnieJ_245, Essence_249, Ewok_250, Fixie_252, Flabslab_246, Fludd_251, Fongie_251, FoxtrotP1_250, FrayBell_254, FudgeTart_247, Gabriel_254, Gangam_253, Ghost_251, Gizmo_257, GlutenPhree_252, Grasshills_258, Grungle_233, Guwapp_247, Halldule_243, HyRo_236, I3_261, IkeLoa_245, InigoMontoya_255, InterFolia_253, Iota_248, Issimir_245, Izajani_247, JPickles_249, Janiyra_255, JayJay_251, Jaygup_248, Jedediah_253, Jemmno_251, Jessibeth14_251, Jezreel_248, JigglyPuff_257, JulietS_240, JustHall_245, Kamryn_250, Kboogie_255, Khaleesi_250, Koguma_250, LRRHood_243, Labradorite_248, Latch_251, Lee7_252, Lethe_249, LifeSavor_252, LinStu_248, Littleton_255, Loanshark_248, LolaVinca_247, LookingGlass_249, LordLeafolot_252, Lukilu_240, Lunareta_248, Maby2021_252, Mangeria_251, MaryV_51, Matsumoto_249, Maturis_245, McGee_253, McWolfish_248, Megamind_248, Melpomini_246, MikeLiesIn_252, Mikro_245, MoMoMixon_247, Moby_248, Moiqah_247, Momo_253, Montpel_248, Morizzled23_249, Naija_252, Napoleon13_248, Nappy_250, Naval22_258, NedWong_250, Ngannou_246, Nidhogg_252, NoodleTree_247, Norm_251, NuevoMundo_253, OrediggerDelux_248, ParkTD_250, Patter_253, PharkleMinkus_255, Phlegm_256, Phox_252, Phusco_250, Pier_250, Pinkcreek_231, Pio_258, Pivoine_252, Pleione_255, Primadonna_247, Pupusa_254, PurduePete_252, QBert_243, Quasimodo_254, Rabinovish_244, Rahel_253, Rizal_240, RoMag_246, Rocha_247, Ronan_247, Roots515_254,

SVoro_246, Salacia_253, Sauce_248, ScottMcG_243, Sebata_251, Shaqnato_242, Shelob_252, ShiaLabeouf_249, Shifa_227, Shnickers_250, Shrimp_254, SilverDipper_256, SmallFry_252, SoilZilla_244, Spec_245, Specks_256, Sprinklers_249, Spud_243, SrishMeg2525_249, StephanieG_245, StubbySaigey_258, Stubby_234, Substance289_247, Tainan_251, Teardrop_250, TinyTim_250, Tonenili_273, Tortoise16_249, Trinitium_248, Turret_242, Tyke_248, ValleyTerrace_252, Vortrix_269, Wally_249, Wildcat_51, Willis_252, Yassified_247, YemiJoy2021_252, YoungMoneyMata_251, Yucca_252, Zalkecks_250, Zeenon_252, ZygoTaiga_248,

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

-

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

-

Summary by start number:

Start 2:

- Found in 223 of 223 (100.0%) of genes in pham
- Manual Annotations of this start: 186 of 186
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ablatia_251 (C1), Ading_254 (C1), Adlitam_251 (C1), Alice_237 (C1), Amataga_252 (C1), ArcherS7_252 (C1), Asterius_252 (C1), Astraea_247 (C1), Atlantean_251 (C1), Audrick_254 (C1), Ava3_248 (C1), Azrael100_50 (V), Babyland_254 (C1), BackyardAgain_246 (C1), BadAgartude_245 (C1), BananaFence_249 (C1), Bangla1971_252 (C1), Basquiat_249 (C1), BeanWater_244 (C1), Belieber_245 (C1), Bezza_239 (C1), BigCity_259 (C1), Bigswole_256 (C1), Bipolarisk_249 (C1), Blackbrain_250 (C1), Blackdragon_246 (C1), Blubba_238 (C1), BobaPhatt_244 (C1), Bonray_254 (C1), Bowman_250 (C1), Bread_248 (C1), Breeniome_251 (C1), Burrough_252 (C1), Bxz1_237 (C1), Cactojaque_246 (C1), Cali_241 (C1), Cane17_240 (C1), Capablanca_256 (C1), Caravan_241 (C1), Catera_240 (C1), Chargie21_249 (C1), CharlieB_246 (C1), ChaylaJr_250 (C1), ChickenPhender_247 (C1), Chomp_250 (C1), CindyLou_252 (C1), Cleatunium_245 (C1), Colt_241 (C1), Concombre_257 (C1), Cosmo_51 (V), DTDevon_252 (C1), Daffodil_257 (C1), Dandelion_257 (C1), Darko_251 (C1), DeejaClivia_238 (C1), Delilah_249 (C1), Delylah_253 (C1), Demodog_259 (C1), Derek_247 (C1), Dessert_248 (C1), Dietrick_240 (C1), DirtMonster_240 (C1), Domi_245 (C1), DrPhinkDaddy_248 (C1), Drazdys_248 (C1), Duckfeet_245 (C1), ET08_237 (C1), EasyJones_252 (C1), EggyFarm_259 (C1), EmToTheThree_252 (C1), EmmaElysia_256 (C1), EniyanLRS_48 (V), Erdmann_253 (C1), ErnieJ_245 (C1), Essence_249 (C1), Ewok_250 (C1), Fixie_252 (C1), Flabslab_246 (C1), Fludd_251 (C1), Fongie_251 (C1), FoxtrotP1_250 (C1), FrayBell_254 (C1), FudgeTart_247 (C1), Gabriel_254 (C1), Gamgam_253 (C1), Ghost_251 (C1), Gizmo_257 (C1), GlutenPhree_252 (C1), Grasshills_258 (C1), Grungle_233 (C1), Guwapp_247 (C1), Halldule_243 (C1), HyRo_236 (C1), I3_261 (C1), IkeLoa_245 (C1), InigoMontoya_255 (C1), InterFolia_253 (C1), Iota_248 (C1), Issimir_245 (C1), Izajani_247 (C1), JPickles_249 (C1), Janiyra_255 (C1), JayJay_251 (C1), Jaygup_248 (C1), Jediah_253 (C1), Jemmno_251 (C1), Jessibeth14_251 (C1), Jezreel_248 (C1), JigglyPuff_257 (C1), JulietS_240 (C1), JustHall_245 (C1), Kamryn_250 (C1), Kboogie_255 (C1), Khaleesi_250 (C1), Koguma_250 (C1), LRRHood_243 (C1), Labradorite_248 (C1), Latch_251 (C1), Lee7_252 (C1), Lethe_249 (C1), LifeSavor_252 (C1), LinStu_248 (C1), Littleton_255 (C1),

Loanshark_248 (C1), LolaVinca_247 (C1), LookingGlass_249 (C1), LordLeafolot_252 (C1), Lukilu_240 (C1), Lunareta_248 (C1), Maby2021_252 (C1), Mangeria_251 (C1), MaryV_51 (V), Matsumoto_249 (C1), Maturis_245 (C1), McGee_253 (C1), McWolfish_248 (C1), Megamind_248 (C1), Melpomini_246 (C1), MikeLiesIn_252 (C1), Mikro_245 (C1), MoMoMixon_247 (C1), Moby_248 (C1), Moiqah_247 (C1), Momo_253 (C1), Montpel_248 (C1), Morizzled23_249 (C1), Naija_252 (C1), Napoleon13_248 (C1), Nappy_250 (C1), Naval22_258 (C1), NedWong_250 (C1), Ngannou_246 (C1), Nidhogg_252 (C1), NoodleTree_247 (C1), Norm_251 (C1), NuevoMundo_253 (C1), OrediggerDelux_248 (C1), ParkTD_250 (C1), Patter_253 (C1), PharkleMinkus_255 (C1), Phlegm_256 (C1), Phox_252 (C1), Phusco_250 (C1), Pier_250 (C1), Pinkcreek_231 (C1), Pio_258 (C1), Pivoine_252 (C1), Pleione_255 (C1), Primadonna_247 (C1), Pupusa_254 (C1), PurduePete_252 (C1), QBert_243 (C1), Quasimodo_254 (C1), Rabinovish_244 (C1), Rahel_253 (C1), Rizal_240 (C1), RoMag_246 (C1), Rocha_247 (C1), Ronan_247 (C1), Roots515_254 (C1), SVoro_246 (C1), Salacia_253 (C1), Sauce_248 (C1), ScottMcG_243 (C1), Sebata_251 (C1), Shaqnato_242 (C1), Shelob_252 (C1), ShiaLabeouf_249 (C1), Shifa_227 (C1), Shnickers_250 (C1), Shrimp_254 (C1), SilverDipper_256 (C1), SmallFry_252 (C1), SoilZilla_244 (C1), Spec_245 (C1), Specks_256 (C1), Sprinklers_249 (C1), Spud_243 (C1), SrishMeg2525_249 (C1), StephanieG_245 (C1), StubbySaigey_258 (C1), Stubby_234 (C1), Substance289_247 (C1), Tainan_251 (C1), Teardrop_250 (C1), TinyTim_250 (C1), Tonenili_273 (C1), Tortoise16_249 (C1), Trinitium_248 (C1), Turret_242 (C1), Tyke_248 (C1), ValleyTerrace_252 (C1), Vortrix_269 (C1), Wally_249 (C1), Wildcat_51 (V), Willis_252 (C1), Yassified_247 (C1), YemiJoy2021_252 (C1), YoungMoneyMata_251 (C1), Yucca_252 (C1), Zalkecks_250 (C1), Zeenon_252 (C1), ZygoTaiga_248 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: C1, V,

Info for manual annotations of cluster C1:

- Start number 2 was manually annotated 181 times for cluster C1.

Info for manual annotations of cluster V:

- Start number 2 was manually annotated 5 times for cluster V.

Gene Information:

Gene: Ablatia_251 Start: 143799, Stop: 144209, Start Num: 2

Candidate Starts for Ablatia_251:

(Start: 2 @143799 has 186 MA's), (3, 143862), (4, 143871), (5, 143874), (11, 143964), (15, 144036), (17, 144075), (19, 144093), (21, 144174), (23, 144195), (24, 144198),

Gene: Ading_254 Start: 146232, Stop: 146642, Start Num: 2

Candidate Starts for Ading_254:

(Start: 2 @146232 has 186 MA's), (3, 146295), (4, 146304), (5, 146307), (11, 146397), (15, 146469), (17, 146508), (19, 146526), (21, 146607), (23, 146628), (24, 146631),

Gene: Adlitam_251 Start: 144387, Stop: 144797, Start Num: 2

Candidate Starts for Adlitam_251:

(Start: 2 @144387 has 186 MA's), (3, 144450), (4, 144459), (5, 144462), (11, 144552), (15, 144624), (17, 144663), (19, 144681), (21, 144762), (23, 144783), (24, 144786),

Gene: Alice_237 Start: 141463, Stop: 141873, Start Num: 2

Candidate Starts for Alice_237:

(Start: 2 @141463 has 186 MA's), (3, 141526), (4, 141535), (5, 141538), (9, 141616), (11, 141628), (15, 141700), (17, 141739), (19, 141757), (21, 141838), (23, 141859), (24, 141862),

Gene: Amataga_252 Start: 143386, Stop: 143796, Start Num: 2

Candidate Starts for Amataga_252:

(Start: 2 @143386 has 186 MA's), (3, 143449), (4, 143458), (5, 143461), (11, 143551), (15, 143623), (17, 143662), (19, 143680), (21, 143761), (23, 143782), (24, 143785),

Gene: ArcherS7_252 Start: 145131, Stop: 145541, Start Num: 2

Candidate Starts for ArcherS7_252:

(Start: 2 @145131 has 186 MA's), (3, 145194), (4, 145203), (5, 145206), (11, 145296), (15, 145368), (17, 145407), (19, 145425), (21, 145506), (23, 145527), (24, 145530),

Gene: Asterius_252 Start: 144244, Stop: 144654, Start Num: 2

Candidate Starts for Asterius_252:

(Start: 2 @144244 has 186 MA's), (3, 144307), (4, 144316), (5, 144319), (11, 144409), (15, 144481), (17, 144520), (19, 144538), (21, 144619), (23, 144640), (24, 144643),

Gene: Astraea_247 Start: 143439, Stop: 143849, Start Num: 2

Candidate Starts for Astraea_247:

(Start: 2 @143439 has 186 MA's), (3, 143502), (4, 143511), (5, 143514), (11, 143604), (15, 143676), (17, 143715), (19, 143733), (21, 143814), (23, 143835), (24, 143838),

Gene: Atlantean_251 Start: 143386, Stop: 143796, Start Num: 2

Candidate Starts for Atlantean_251:

(Start: 2 @143386 has 186 MA's), (3, 143449), (4, 143458), (5, 143461), (11, 143551), (15, 143623), (17, 143662), (19, 143680), (21, 143761), (23, 143782), (24, 143785),

Gene: Audrick_254 Start: 143276, Stop: 143686, Start Num: 2

Candidate Starts for Audrick_254:

(Start: 2 @143276 has 186 MA's), (3, 143339), (4, 143348), (5, 143351), (11, 143441), (15, 143513), (17, 143552), (19, 143570), (21, 143651), (23, 143672), (24, 143675),

Gene: Ava3_248 Start: 143846, Stop: 144256, Start Num: 2

Candidate Starts for Ava3_248:

(Start: 2 @143846 has 186 MA's), (3, 143909), (4, 143918), (5, 143921), (11, 144011), (15, 144083), (17, 144122), (19, 144140), (21, 144221), (23, 144242), (24, 144245),

Gene: Azrael100_50 Start: 37949, Stop: 38380, Start Num: 2

Candidate Starts for Azrael100_50:

(1, 37928), (Start: 2 @37949 has 186 MA's), (6, 38033), (7, 38051), (8, 38087), (10, 38105), (13, 38168), (14, 38171), (15, 38189), (16, 38213), (18, 38237), (20, 38264), (21, 38327), (22, 38339),

Gene: Babyland_254 Start: 144163, Stop: 144573, Start Num: 2

Candidate Starts for Babyland_254:

(Start: 2 @144163 has 186 MA's), (3, 144226), (4, 144235), (5, 144238), (11, 144328), (15, 144400), (17, 144439), (19, 144457), (21, 144538), (23, 144559), (24, 144562),

Gene: BackyardAgain_246 Start: 141536, Stop: 141946, Start Num: 2
Candidate Starts for BackyardAgain_246:
(Start: 2 @141536 has 186 MA's), (3, 141599), (4, 141608), (5, 141611), (11, 141701), (15, 141773),
(17, 141812), (19, 141830), (21, 141911), (23, 141932), (24, 141935),

Gene: BadAgartude_245 Start: 143448, Stop: 143858, Start Num: 2
Candidate Starts for BadAgartude_245:
(Start: 2 @143448 has 186 MA's), (3, 143511), (4, 143520), (5, 143523), (11, 143613), (15, 143685),
(17, 143724), (19, 143742), (21, 143823), (23, 143844), (24, 143847),

Gene: BananaFence_249 Start: 144068, Stop: 144478, Start Num: 2
Candidate Starts for BananaFence_249:
(Start: 2 @144068 has 186 MA's), (3, 144131), (4, 144140), (5, 144143), (11, 144233), (15, 144305),
(17, 144344), (19, 144362), (21, 144443), (23, 144464), (24, 144467),

Gene: Bangla1971_252 Start: 144095, Stop: 144505, Start Num: 2
Candidate Starts for Bangla1971_252:
(Start: 2 @144095 has 186 MA's), (3, 144158), (4, 144167), (5, 144170), (11, 144260), (15, 144332),
(17, 144371), (19, 144389), (21, 144470), (23, 144491), (24, 144494),

Gene: Basquiat_249 Start: 142354, Stop: 142764, Start Num: 2
Candidate Starts for Basquiat_249:
(Start: 2 @142354 has 186 MA's), (3, 142417), (4, 142426), (5, 142429), (11, 142519), (15, 142591),
(17, 142630), (19, 142648), (21, 142729), (23, 142750), (24, 142753),

Gene: BeanWater_244 Start: 143231, Stop: 143641, Start Num: 2
Candidate Starts for BeanWater_244:
(Start: 2 @143231 has 186 MA's), (3, 143294), (4, 143303), (5, 143306), (11, 143396), (15, 143468),
(17, 143507), (19, 143525), (21, 143606), (23, 143627), (24, 143630),

Gene: Belieber_245 Start: 142481, Stop: 142891, Start Num: 2
Candidate Starts for Belieber_245:
(Start: 2 @142481 has 186 MA's), (3, 142544), (4, 142553), (5, 142556), (11, 142646), (15, 142718),
(17, 142757), (19, 142775), (21, 142856), (23, 142877), (24, 142880),

Gene: Bezza_239 Start: 142924, Stop: 143334, Start Num: 2
Candidate Starts for Bezza_239:
(Start: 2 @142924 has 186 MA's), (3, 142987), (4, 142996), (5, 142999), (11, 143089), (15, 143161),
(17, 143200), (19, 143218), (21, 143299), (23, 143320), (24, 143323),

Gene: BigCity_259 Start: 145986, Stop: 146396, Start Num: 2
Candidate Starts for BigCity_259:
(Start: 2 @145986 has 186 MA's), (3, 146049), (4, 146058), (5, 146061), (11, 146151), (15, 146223),
(17, 146262), (19, 146280), (21, 146361), (23, 146382), (24, 146385),

Gene: Bigswole_256 Start: 145897, Stop: 146307, Start Num: 2
Candidate Starts for Bigswole_256:
(Start: 2 @145897 has 186 MA's), (3, 145960), (4, 145969), (5, 145972), (11, 146062), (15, 146134),
(17, 146173), (19, 146191), (21, 146272), (23, 146293), (24, 146296),

Gene: Bipolarisk_249 Start: 144114, Stop: 144524, Start Num: 2
Candidate Starts for Bipolarisk_249:

(Start: 2 @144114 has 186 MA's), (3, 144177), (4, 144186), (5, 144189), (11, 144279), (15, 144351), (17, 144390), (19, 144408), (21, 144489), (23, 144510), (24, 144513),

Gene: Blackbrain_250 Start: 144131, Stop: 144541, Start Num: 2

Candidate Starts for Blackbrain_250:

(Start: 2 @144131 has 186 MA's), (3, 144194), (4, 144203), (5, 144206), (11, 144296), (15, 144368), (17, 144407), (19, 144425), (21, 144506), (23, 144527), (24, 144530),

Gene: Blackdragon_246 Start: 143679, Stop: 144089, Start Num: 2

Candidate Starts for Blackdragon_246:

(Start: 2 @143679 has 186 MA's), (3, 143742), (4, 143751), (5, 143754), (9, 143832), (11, 143844), (15, 143916), (17, 143955), (19, 143973), (21, 144054), (23, 144075), (24, 144078),

Gene: Blubba_238 Start: 146858, Stop: 147268, Start Num: 2

Candidate Starts for Blubba_238:

(Start: 2 @146858 has 186 MA's), (3, 146921), (4, 146930), (5, 146933), (9, 147011), (11, 147023), (15, 147095), (17, 147134), (19, 147152), (21, 147233), (23, 147254), (24, 147257),

Gene: BobaPhatt_244 Start: 143249, Stop: 143659, Start Num: 2

Candidate Starts for BobaPhatt_244:

(Start: 2 @143249 has 186 MA's), (3, 143312), (4, 143321), (5, 143324), (11, 143414), (15, 143486), (17, 143525), (19, 143543), (21, 143624), (23, 143645), (24, 143648),

Gene: Bonray_254 Start: 145931, Stop: 146341, Start Num: 2

Candidate Starts for Bonray_254:

(Start: 2 @145931 has 186 MA's), (3, 145994), (4, 146003), (5, 146006), (11, 146096), (15, 146168), (17, 146207), (19, 146225), (21, 146306), (23, 146327), (24, 146330),

Gene: Bowman_250 Start: 145046, Stop: 145456, Start Num: 2

Candidate Starts for Bowman_250:

(Start: 2 @145046 has 186 MA's), (3, 145109), (4, 145118), (5, 145121), (11, 145211), (15, 145283), (17, 145322), (19, 145340), (21, 145421), (23, 145442), (24, 145445),

Gene: Bread_248 Start: 143898, Stop: 144308, Start Num: 2

Candidate Starts for Bread_248:

(Start: 2 @143898 has 186 MA's), (3, 143961), (4, 143970), (5, 143973), (11, 144063), (15, 144135), (17, 144174), (19, 144192), (21, 144273), (23, 144294), (24, 144297),

Gene: Breeniome_251 Start: 142886, Stop: 143296, Start Num: 2

Candidate Starts for Breeniome_251:

(Start: 2 @142886 has 186 MA's), (3, 142949), (4, 142958), (5, 142961), (11, 143051), (15, 143123), (17, 143162), (19, 143180), (21, 143261), (23, 143282), (24, 143285),

Gene: Burrough_252 Start: 145259, Stop: 145669, Start Num: 2

Candidate Starts for Burrough_252:

(Start: 2 @145259 has 186 MA's), (3, 145322), (4, 145331), (5, 145334), (11, 145424), (15, 145496), (17, 145535), (19, 145553), (21, 145634), (23, 145655), (24, 145658),

Gene: Bxz1_237 Start: 145463, Stop: 145873, Start Num: 2

Candidate Starts for Bxz1_237:

(Start: 2 @145463 has 186 MA's), (3, 145526), (4, 145535), (5, 145538), (11, 145628), (15, 145700), (17, 145739), (19, 145757), (21, 145838), (23, 145859), (24, 145862),

Gene: Cactojaque_246 Start: 143077, Stop: 143487, Start Num: 2
Candidate Starts for Cactojaque_246:
(Start: 2 @143077 has 186 MA's), (3, 143140), (4, 143149), (5, 143152), (11, 143242), (15, 143314),
(17, 143353), (19, 143371), (21, 143452), (23, 143473), (24, 143476),

Gene: Cali_241 Start: 143856, Stop: 144266, Start Num: 2
Candidate Starts for Cali_241:
(Start: 2 @143856 has 186 MA's), (3, 143919), (4, 143928), (5, 143931), (11, 144021), (15, 144093),
(17, 144132), (19, 144150), (21, 144231), (23, 144252), (24, 144255),

Gene: Cane17_240 Start: 147267, Stop: 147677, Start Num: 2
Candidate Starts for Cane17_240:
(Start: 2 @147267 has 186 MA's), (3, 147330), (4, 147339), (5, 147342), (9, 147420), (11, 147432),
(15, 147504), (17, 147543), (19, 147561), (21, 147642), (23, 147663), (24, 147666),

Gene: Capablanca_256 Start: 146110, Stop: 146520, Start Num: 2
Candidate Starts for Capablanca_256:
(Start: 2 @146110 has 186 MA's), (3, 146173), (4, 146182), (5, 146185), (11, 146275), (15, 146347),
(17, 146386), (19, 146404), (21, 146485), (23, 146506), (24, 146509),

Gene: Caravan_241 Start: 144160, Stop: 144570, Start Num: 2
Candidate Starts for Caravan_241:
(Start: 2 @144160 has 186 MA's), (3, 144223), (4, 144232), (5, 144235), (11, 144325), (15, 144397),
(17, 144436), (19, 144454), (21, 144535), (23, 144556), (24, 144559),

Gene: Catera_240 Start: 142599, Stop: 143009, Start Num: 2
Candidate Starts for Catera_240:
(Start: 2 @142599 has 186 MA's), (3, 142662), (4, 142671), (5, 142674), (11, 142764), (15, 142836),
(17, 142875), (19, 142893), (21, 142974), (23, 142995), (24, 142998),

Gene: Chargie21_249 Start: 142354, Stop: 142764, Start Num: 2
Candidate Starts for Chargie21_249:
(Start: 2 @142354 has 186 MA's), (3, 142417), (4, 142426), (5, 142429), (11, 142519), (15, 142591),
(17, 142630), (19, 142648), (21, 142729), (23, 142750), (24, 142753),

Gene: CharlieB_246 Start: 143622, Stop: 144032, Start Num: 2
Candidate Starts for CharlieB_246:
(Start: 2 @143622 has 186 MA's), (3, 143685), (4, 143694), (5, 143697), (9, 143775), (11, 143787),
(15, 143859), (17, 143898), (19, 143916), (21, 143997), (23, 144018), (24, 144021),

Gene: ChaylaJr_250 Start: 143296, Stop: 143706, Start Num: 2
Candidate Starts for ChaylaJr_250:
(Start: 2 @143296 has 186 MA's), (3, 143359), (4, 143368), (5, 143371), (11, 143461), (15, 143533),
(17, 143572), (19, 143590), (21, 143671), (23, 143692), (24, 143695),

Gene: ChickenPhender_247 Start: 142052, Stop: 142462, Start Num: 2
Candidate Starts for ChickenPhender_247:
(Start: 2 @142052 has 186 MA's), (3, 142115), (4, 142124), (5, 142127), (11, 142217), (15, 142289),
(17, 142328), (19, 142346), (21, 142427), (23, 142448), (24, 142451),

Gene: Chomp_250 Start: 145488, Stop: 145898, Start Num: 2
Candidate Starts for Chomp_250:

(Start: 2 @145488 has 186 MA's), (3, 145551), (4, 145560), (5, 145563), (11, 145653), (15, 145725), (17, 145764), (19, 145782), (21, 145863), (23, 145884), (24, 145887),

Gene: CindyLou_252 Start: 145748, Stop: 146158, Start Num: 2

Candidate Starts for CindyLou_252:

(Start: 2 @145748 has 186 MA's), (3, 145811), (4, 145820), (5, 145823), (11, 145913), (15, 145985), (17, 146024), (19, 146042), (21, 146123), (23, 146144), (24, 146147),

Gene: Cleatunium_245 Start: 143758, Stop: 144168, Start Num: 2

Candidate Starts for Cleatunium_245:

(Start: 2 @143758 has 186 MA's), (3, 143821), (4, 143830), (5, 143833), (11, 143923), (15, 143995), (17, 144034), (19, 144052), (21, 144133), (23, 144154), (24, 144157),

Gene: Colt_241 Start: 146459, Stop: 146869, Start Num: 2

Candidate Starts for Colt_241:

(Start: 2 @146459 has 186 MA's), (3, 146522), (4, 146531), (5, 146534), (9, 146612), (11, 146624), (15, 146696), (17, 146735), (19, 146753), (21, 146834), (23, 146855), (24, 146858),

Gene: Concombre_257 Start: 146093, Stop: 146503, Start Num: 2

Candidate Starts for Concombre_257:

(Start: 2 @146093 has 186 MA's), (3, 146156), (4, 146165), (5, 146168), (11, 146258), (15, 146330), (17, 146369), (19, 146387), (21, 146468), (23, 146489), (24, 146492),

Gene: Cosmo_51 Start: 37950, Stop: 38381, Start Num: 2

Candidate Starts for Cosmo_51:

(1, 37929), (Start: 2 @37950 has 186 MA's), (6, 38034), (7, 38052), (8, 38088), (10, 38106), (13, 38169), (14, 38172), (15, 38190), (16, 38214), (18, 38238), (20, 38265), (21, 38328), (22, 38340),

Gene: DTDevon_252 Start: 146127, Stop: 146537, Start Num: 2

Candidate Starts for DTDevon_252:

(Start: 2 @146127 has 186 MA's), (3, 146190), (4, 146199), (5, 146202), (11, 146292), (15, 146364), (17, 146403), (19, 146421), (21, 146502), (23, 146523), (24, 146526),

Gene: Daffodil_257 Start: 144414, Stop: 144824, Start Num: 2

Candidate Starts for Daffodil_257:

(Start: 2 @144414 has 186 MA's), (3, 144477), (4, 144486), (5, 144489), (11, 144579), (15, 144651), (17, 144690), (19, 144708), (21, 144789), (23, 144810), (24, 144813),

Gene: Dandelion_257 Start: 146948, Stop: 147358, Start Num: 2

Candidate Starts for Dandelion_257:

(Start: 2 @146948 has 186 MA's), (3, 147011), (4, 147020), (5, 147023), (11, 147113), (15, 147185), (17, 147224), (19, 147242), (21, 147323), (23, 147344), (24, 147347),

Gene: Darko_251 Start: 144072, Stop: 144482, Start Num: 2

Candidate Starts for Darko_251:

(Start: 2 @144072 has 186 MA's), (3, 144135), (4, 144144), (5, 144147), (11, 144237), (15, 144309), (17, 144348), (19, 144366), (21, 144447), (23, 144468), (24, 144471),

Gene: DeejaClivia_238 Start: 141815, Stop: 142225, Start Num: 2

Candidate Starts for DeejaClivia_238:

(Start: 2 @141815 has 186 MA's), (3, 141878), (4, 141887), (5, 141890), (9, 141968), (11, 141980), (15, 142052), (17, 142091), (19, 142109), (21, 142190), (23, 142211), (24, 142214),

Gene: Delilah_249 Start: 144507, Stop: 144917, Start Num: 2

Candidate Starts for Delilah_249:

(Start: 2 @144507 has 186 MA's), (3, 144570), (4, 144579), (5, 144582), (11, 144672), (15, 144744), (17, 144783), (19, 144801), (21, 144882), (23, 144903), (24, 144906),

Gene: Delylah_253 Start: 144784, Stop: 145194, Start Num: 2

Candidate Starts for Delylah_253:

(Start: 2 @144784 has 186 MA's), (3, 144847), (4, 144856), (5, 144859), (11, 144949), (15, 145021), (17, 145060), (19, 145078), (21, 145159), (23, 145180), (24, 145183),

Gene: Demodog_259 Start: 146103, Stop: 146513, Start Num: 2

Candidate Starts for Demodog_259:

(Start: 2 @146103 has 186 MA's), (3, 146166), (4, 146175), (5, 146178), (11, 146268), (15, 146340), (17, 146379), (19, 146397), (21, 146478), (23, 146499), (24, 146502),

Gene: Derek_247 Start: 144765, Stop: 145175, Start Num: 2

Candidate Starts for Derek_247:

(Start: 2 @144765 has 186 MA's), (3, 144828), (4, 144837), (5, 144840), (11, 144930), (15, 145002), (17, 145041), (19, 145059), (21, 145140), (23, 145161), (24, 145164),

Gene: Dessert_248 Start: 143764, Stop: 144174, Start Num: 2

Candidate Starts for Dessert_248:

(Start: 2 @143764 has 186 MA's), (3, 143827), (4, 143836), (5, 143839), (11, 143929), (15, 144001), (17, 144040), (19, 144058), (21, 144139), (23, 144160), (24, 144163),

Gene: Dietrick_240 Start: 142628, Stop: 143038, Start Num: 2

Candidate Starts for Dietrick_240:

(Start: 2 @142628 has 186 MA's), (3, 142691), (4, 142700), (5, 142703), (11, 142793), (15, 142865), (17, 142904), (19, 142922), (21, 143003), (23, 143024), (24, 143027),

Gene: DirtMonster_240 Start: 143360, Stop: 143770, Start Num: 2

Candidate Starts for DirtMonster_240:

(Start: 2 @143360 has 186 MA's), (3, 143423), (4, 143432), (5, 143435), (11, 143525), (15, 143597), (17, 143636), (19, 143654), (21, 143735), (23, 143756), (24, 143759),

Gene: Domi_245 Start: 143967, Stop: 144377, Start Num: 2

Candidate Starts for Domi_245:

(Start: 2 @143967 has 186 MA's), (3, 144030), (4, 144039), (5, 144042), (11, 144132), (15, 144204), (17, 144243), (19, 144261), (21, 144342), (23, 144363), (24, 144366),

Gene: DrPhinkDaddy_248 Start: 145192, Stop: 145602, Start Num: 2

Candidate Starts for DrPhinkDaddy_248:

(Start: 2 @145192 has 186 MA's), (3, 145255), (4, 145264), (5, 145267), (11, 145357), (15, 145429), (17, 145468), (19, 145486), (21, 145567), (23, 145588), (24, 145591),

Gene: Drazdys_248 Start: 144772, Stop: 145182, Start Num: 2

Candidate Starts for Drazdys_248:

(Start: 2 @144772 has 186 MA's), (3, 144835), (4, 144844), (5, 144847), (11, 144937), (15, 145009), (17, 145048), (19, 145066), (21, 145147), (23, 145168), (24, 145171),

Gene: Duckfeet_245 Start: 143569, Stop: 143979, Start Num: 2

Candidate Starts for Duckfeet_245:

(Start: 2 @143569 has 186 MA's), (3, 143632), (4, 143641), (5, 143644), (9, 143722), (11, 143734), (15, 143806), (17, 143845), (19, 143863), (21, 143944), (23, 143965), (24, 143968),

Gene: ET08_237 Start: 143096, Stop: 143506, Start Num: 2

Candidate Starts for ET08_237:

(Start: 2 @143096 has 186 MA's), (3, 143159), (4, 143168), (5, 143171), (9, 143249), (11, 143261), (15, 143333), (17, 143372), (19, 143390), (21, 143471), (23, 143492), (24, 143495),

Gene: EasyJones_252 Start: 143148, Stop: 143558, Start Num: 2

Candidate Starts for EasyJones_252:

(Start: 2 @143148 has 186 MA's), (3, 143211), (4, 143220), (5, 143223), (11, 143313), (15, 143385), (17, 143424), (19, 143442), (21, 143523), (23, 143544), (24, 143547),

Gene: EggyFarm_259 Start: 145987, Stop: 146397, Start Num: 2

Candidate Starts for EggyFarm_259:

(Start: 2 @145987 has 186 MA's), (3, 146050), (4, 146059), (5, 146062), (11, 146152), (15, 146224), (17, 146263), (19, 146281), (21, 146362), (23, 146383), (24, 146386),

Gene: EmToTheThree_252 Start: 144980, Stop: 145390, Start Num: 2

Candidate Starts for EmToTheThree_252:

(Start: 2 @144980 has 186 MA's), (3, 145043), (4, 145052), (5, 145055), (11, 145145), (15, 145217), (17, 145256), (19, 145274), (21, 145355), (23, 145376), (24, 145379),

Gene: EmmaElysia_256 Start: 145643, Stop: 146053, Start Num: 2

Candidate Starts for EmmaElysia_256:

(Start: 2 @145643 has 186 MA's), (3, 145706), (4, 145715), (5, 145718), (11, 145808), (15, 145880), (17, 145919), (19, 145937), (21, 146018), (23, 146039), (24, 146042),

Gene: EniyanLRS_48 Start: 37648, Stop: 38079, Start Num: 2

Candidate Starts for EniyanLRS_48:

(1, 37627), (Start: 2 @37648 has 186 MA's), (6, 37732), (7, 37750), (8, 37786), (10, 37804), (13, 37867), (14, 37870), (15, 37888), (16, 37912), (18, 37936), (20, 37963), (21, 38026), (22, 38038),

Gene: Erdmann_253 Start: 144948, Stop: 145358, Start Num: 2

Candidate Starts for Erdmann_253:

(Start: 2 @144948 has 186 MA's), (3, 145011), (4, 145020), (5, 145023), (11, 145113), (15, 145185), (17, 145224), (19, 145242), (21, 145323), (23, 145344), (24, 145347),

Gene: ErnieJ_245 Start: 141776, Stop: 142186, Start Num: 2

Candidate Starts for ErnieJ_245:

(Start: 2 @141776 has 186 MA's), (3, 141839), (4, 141848), (5, 141851), (11, 141941), (15, 142013), (17, 142052), (19, 142070), (21, 142151), (23, 142172), (24, 142175),

Gene: Essence_249 Start: 143984, Stop: 144394, Start Num: 2

Candidate Starts for Essence_249:

(Start: 2 @143984 has 186 MA's), (3, 144047), (4, 144056), (5, 144059), (11, 144149), (15, 144221), (17, 144260), (19, 144278), (21, 144359), (23, 144380), (24, 144383),

Gene: Ewok_250 Start: 144442, Stop: 144852, Start Num: 2

Candidate Starts for Ewok_250:

(Start: 2 @144442 has 186 MA's), (3, 144505), (4, 144514), (5, 144517), (11, 144607), (15, 144679), (17, 144718), (19, 144736), (21, 144817), (23, 144838), (24, 144841),

Gene: Fixie_252 Start: 145213, Stop: 145623, Start Num: 2

Candidate Starts for Fixie_252:

(Start: 2 @145213 has 186 MA's), (3, 145276), (4, 145285), (5, 145288), (11, 145378), (15, 145450), (17, 145489), (19, 145507), (21, 145588), (23, 145609), (24, 145612),

Gene: Flabslab_246 Start: 141041, Stop: 141451, Start Num: 2

Candidate Starts for Flabslab_246:

(Start: 2 @141041 has 186 MA's), (3, 141104), (4, 141113), (5, 141116), (9, 141194), (11, 141206), (15, 141278), (17, 141317), (19, 141335), (21, 141416), (23, 141437), (24, 141440),

Gene: Fludd_251 Start: 142860, Stop: 143270, Start Num: 2

Candidate Starts for Fludd_251:

(Start: 2 @142860 has 186 MA's), (3, 142923), (4, 142932), (5, 142935), (11, 143025), (15, 143097), (17, 143136), (19, 143154), (21, 143235), (23, 143256), (24, 143259),

Gene: Fongie_251 Start: 144440, Stop: 144850, Start Num: 2

Candidate Starts for Fongie_251:

(Start: 2 @144440 has 186 MA's), (3, 144503), (4, 144512), (5, 144515), (11, 144605), (15, 144677), (17, 144716), (19, 144734), (21, 144815), (23, 144836), (24, 144839),

Gene: FoxtrotP1_250 Start: 145534, Stop: 145944, Start Num: 2

Candidate Starts for FoxtrotP1_250:

(Start: 2 @145534 has 186 MA's), (3, 145597), (4, 145606), (5, 145609), (11, 145699), (15, 145771), (17, 145810), (19, 145828), (21, 145909), (23, 145930), (24, 145933),

Gene: FrayBell_254 Start: 142991, Stop: 143401, Start Num: 2

Candidate Starts for FrayBell_254:

(Start: 2 @142991 has 186 MA's), (3, 143054), (4, 143063), (5, 143066), (11, 143156), (15, 143228), (17, 143267), (19, 143285), (21, 143366), (23, 143387), (24, 143390),

Gene: FudgeTart_247 Start: 144038, Stop: 144448, Start Num: 2

Candidate Starts for FudgeTart_247:

(Start: 2 @144038 has 186 MA's), (3, 144101), (4, 144110), (5, 144113), (11, 144203), (15, 144275), (17, 144314), (19, 144332), (21, 144413), (23, 144434), (24, 144437),

Gene: Gabriel_254 Start: 143019, Stop: 143429, Start Num: 2

Candidate Starts for Gabriel_254:

(Start: 2 @143019 has 186 MA's), (3, 143082), (4, 143091), (5, 143094), (11, 143184), (15, 143256), (17, 143295), (19, 143313), (21, 143394), (23, 143415), (24, 143418),

Gene: Gamgam_253 Start: 143376, Stop: 143786, Start Num: 2

Candidate Starts for Gamgam_253:

(Start: 2 @143376 has 186 MA's), (3, 143439), (4, 143448), (5, 143451), (11, 143541), (15, 143613), (17, 143652), (19, 143670), (21, 143751), (23, 143772), (24, 143775),

Gene: Ghost_251 Start: 144000, Stop: 144410, Start Num: 2

Candidate Starts for Ghost_251:

(Start: 2 @144000 has 186 MA's), (3, 144063), (4, 144072), (5, 144075), (11, 144165), (15, 144237), (17, 144276), (19, 144294), (21, 144375), (23, 144396), (24, 144399),

Gene: Gizmo_257 Start: 146865, Stop: 147275, Start Num: 2

Candidate Starts for Gizmo_257:

(Start: 2 @146865 has 186 MA's), (3, 146928), (4, 146937), (5, 146940), (11, 147030), (15, 147102), (17, 147141), (19, 147159), (21, 147240), (23, 147261), (24, 147264),

Gene: GlutenPhree_252 Start: 143387, Stop: 143797, Start Num: 2

Candidate Starts for GlutenPhree_252:

(Start: 2 @143387 has 186 MA's), (3, 143450), (4, 143459), (5, 143462), (11, 143552), (15, 143624), (17, 143663), (19, 143681), (21, 143762), (23, 143783), (24, 143786),

Gene: Grasshills_258 Start: 145986, Stop: 146396, Start Num: 2

Candidate Starts for Grasshills_258:

(Start: 2 @145986 has 186 MA's), (3, 146049), (4, 146058), (5, 146061), (11, 146151), (15, 146223), (17, 146262), (19, 146280), (21, 146361), (23, 146382), (24, 146385),

Gene: Grungle_233 Start: 141265, Stop: 141675, Start Num: 2

Candidate Starts for Grungle_233:

(Start: 2 @141265 has 186 MA's), (3, 141328), (4, 141337), (5, 141340), (11, 141430), (15, 141502), (17, 141541), (19, 141559), (21, 141640), (23, 141661), (24, 141664),

Gene: Guwapp_247 Start: 142834, Stop: 143244, Start Num: 2

Candidate Starts for Guwapp_247:

(Start: 2 @142834 has 186 MA's), (3, 142897), (4, 142906), (5, 142909), (11, 142999), (15, 143071), (17, 143110), (19, 143128), (21, 143209), (23, 143230), (24, 143233),

Gene: Halldule_243 Start: 142447, Stop: 142857, Start Num: 2

Candidate Starts for Halldule_243:

(Start: 2 @142447 has 186 MA's), (3, 142510), (4, 142519), (5, 142522), (11, 142612), (15, 142684), (17, 142723), (19, 142741), (21, 142822), (23, 142843), (24, 142846),

Gene: HyRo_236 Start: 143351, Stop: 143761, Start Num: 2

Candidate Starts for HyRo_236:

(Start: 2 @143351 has 186 MA's), (3, 143414), (4, 143423), (5, 143426), (9, 143504), (11, 143516), (15, 143588), (17, 143627), (19, 143645), (21, 143726), (23, 143747), (24, 143750),

Gene: I3_261 Start: 145142, Stop: 145552, Start Num: 2

Candidate Starts for I3_261:

(Start: 2 @145142 has 186 MA's), (3, 145205), (4, 145214), (5, 145217), (11, 145307), (15, 145379), (17, 145418), (19, 145436), (21, 145517), (23, 145538), (24, 145541),

Gene: IkeLoa_245 Start: 143732, Stop: 144142, Start Num: 2

Candidate Starts for IkeLoa_245:

(Start: 2 @143732 has 186 MA's), (3, 143795), (4, 143804), (5, 143807), (11, 143897), (15, 143969), (17, 144008), (19, 144026), (21, 144107), (23, 144128), (24, 144131),

Gene: InigoMontoya_255 Start: 144050, Stop: 144460, Start Num: 2

Candidate Starts for InigoMontoya_255:

(Start: 2 @144050 has 186 MA's), (3, 144113), (4, 144122), (5, 144125), (11, 144215), (15, 144287), (17, 144326), (19, 144344), (21, 144425), (23, 144446), (24, 144449),

Gene: InterFolia_253 Start: 144796, Stop: 145206, Start Num: 2

Candidate Starts for InterFolia_253:

(Start: 2 @144796 has 186 MA's), (3, 144859), (4, 144868), (5, 144871), (11, 144961), (15, 145033), (17, 145072), (19, 145090), (21, 145171), (23, 145192), (24, 145195),

Gene: Iota_248 Start: 143762, Stop: 144172, Start Num: 2

Candidate Starts for Iota_248:

(Start: 2 @143762 has 186 MA's), (3, 143825), (4, 143834), (5, 143837), (11, 143927), (15, 143999), (17, 144038), (19, 144056), (21, 144137), (23, 144158), (24, 144161),

Gene: Issimir_245 Start: 144137, Stop: 144547, Start Num: 2

Candidate Starts for Issimir_245:

(Start: 2 @144137 has 186 MA's), (3, 144200), (4, 144209), (5, 144212), (11, 144302), (15, 144374), (17, 144413), (19, 144431), (21, 144512), (23, 144533), (24, 144536),

Gene: Izajani_247 Start: 144582, Stop: 144992, Start Num: 2

Candidate Starts for Izajani_247:

(Start: 2 @144582 has 186 MA's), (3, 144645), (4, 144654), (5, 144657), (11, 144747), (15, 144819), (17, 144858), (19, 144876), (21, 144957), (23, 144978), (24, 144981),

Gene: JPickles_249 Start: 143187, Stop: 143597, Start Num: 2

Candidate Starts for JPickles_249:

(Start: 2 @143187 has 186 MA's), (3, 143250), (4, 143259), (5, 143262), (11, 143352), (15, 143424), (17, 143463), (19, 143481), (21, 143562), (23, 143583), (24, 143586),

Gene: Janiyra_255 Start: 144724, Stop: 145134, Start Num: 2

Candidate Starts for Janiyra_255:

(Start: 2 @144724 has 186 MA's), (3, 144787), (4, 144796), (5, 144799), (11, 144889), (15, 144961), (17, 145000), (19, 145018), (21, 145099), (23, 145120), (24, 145123),

Gene: JayJay_251 Start: 143523, Stop: 143933, Start Num: 2

Candidate Starts for JayJay_251:

(Start: 2 @143523 has 186 MA's), (3, 143586), (4, 143595), (5, 143598), (9, 143676), (11, 143688), (15, 143760), (17, 143799), (19, 143817), (21, 143898), (23, 143919), (24, 143922),

Gene: Jaygup_248 Start: 143909, Stop: 144319, Start Num: 2

Candidate Starts for Jaygup_248:

(Start: 2 @143909 has 186 MA's), (3, 143972), (4, 143981), (5, 143984), (11, 144074), (15, 144146), (17, 144185), (19, 144203), (21, 144284), (23, 144305), (24, 144308),

Gene: Jedediah_253 Start: 144962, Stop: 145372, Start Num: 2

Candidate Starts for Jedediah_253:

(Start: 2 @144962 has 186 MA's), (3, 145025), (4, 145034), (5, 145037), (11, 145127), (15, 145199), (17, 145238), (19, 145256), (21, 145337), (23, 145358), (24, 145361),

Gene: Jemmno_251 Start: 143681, Stop: 144091, Start Num: 2

Candidate Starts for Jemmno_251:

(Start: 2 @143681 has 186 MA's), (3, 143744), (4, 143753), (5, 143756), (11, 143846), (15, 143918), (17, 143957), (19, 143975), (21, 144056), (23, 144077), (24, 144080),

Gene: Jessibeth14_251 Start: 145157, Stop: 145567, Start Num: 2

Candidate Starts for Jessibeth14_251:

(Start: 2 @145157 has 186 MA's), (3, 145220), (4, 145229), (5, 145232), (11, 145322), (15, 145394), (17, 145433), (19, 145451), (21, 145532), (23, 145553), (24, 145556),

Gene: Jezreel_248 Start: 144226, Stop: 144636, Start Num: 2

Candidate Starts for Jezreel_248:

(Start: 2 @144226 has 186 MA's), (3, 144289), (4, 144298), (5, 144301), (9, 144379), (11, 144391), (15, 144463), (17, 144502), (19, 144520), (21, 144601), (23, 144622), (24, 144625),

Gene: JigglyPuff_257 Start: 145652, Stop: 146062, Start Num: 2

Candidate Starts for JigglyPuff_257:

(Start: 2 @145652 has 186 MA's), (3, 145715), (4, 145724), (5, 145727), (11, 145817), (15, 145889), (17, 145928), (19, 145946), (21, 146027), (23, 146048), (24, 146051),

Gene: JulietS_240 Start: 141261, Stop: 141671, Start Num: 2

Candidate Starts for JulietS_240:

(Start: 2 @141261 has 186 MA's), (3, 141324), (4, 141333), (5, 141336), (9, 141414), (11, 141426), (15, 141498), (17, 141537), (19, 141555), (21, 141636), (23, 141657), (24, 141660),

Gene: JustHall_245 Start: 143211, Stop: 143621, Start Num: 2

Candidate Starts for JustHall_245:

(Start: 2 @143211 has 186 MA's), (3, 143274), (4, 143283), (5, 143286), (11, 143376), (15, 143448), (17, 143487), (19, 143505), (21, 143586), (23, 143607), (24, 143610),

Gene: Kamryn_250 Start: 144801, Stop: 145211, Start Num: 2

Candidate Starts for Kamryn_250:

(Start: 2 @144801 has 186 MA's), (3, 144864), (4, 144873), (5, 144876), (11, 144966), (15, 145038), (17, 145077), (19, 145095), (21, 145176), (23, 145197), (24, 145200),

Gene: Kboogie_255 Start: 143840, Stop: 144250, Start Num: 2

Candidate Starts for Kboogie_255:

(Start: 2 @143840 has 186 MA's), (3, 143903), (4, 143912), (5, 143915), (11, 144005), (15, 144077), (17, 144116), (19, 144134), (21, 144215), (23, 144236), (24, 144239),

Gene: Khaleesi_250 Start: 144624, Stop: 145034, Start Num: 2

Candidate Starts for Khaleesi_250:

(Start: 2 @144624 has 186 MA's), (3, 144687), (4, 144696), (5, 144699), (11, 144789), (15, 144861), (17, 144900), (19, 144918), (21, 144999), (23, 145020), (24, 145023),

Gene: Koguma_250 Start: 143423, Stop: 143833, Start Num: 2

Candidate Starts for Koguma_250:

(Start: 2 @143423 has 186 MA's), (3, 143486), (4, 143495), (5, 143498), (11, 143588), (15, 143660), (17, 143699), (19, 143717), (21, 143798), (23, 143819), (24, 143822),

Gene: LRRHood_243 Start: 142833, Stop: 143243, Start Num: 2

Candidate Starts for LRRHood_243:

(Start: 2 @142833 has 186 MA's), (3, 142896), (4, 142905), (5, 142908), (11, 142998), (15, 143070), (17, 143109), (19, 143127), (21, 143208), (23, 143229), (24, 143232),

Gene: Labradorite_248 Start: 143400, Stop: 143810, Start Num: 2

Candidate Starts for Labradorite_248:

(Start: 2 @143400 has 186 MA's), (3, 143463), (4, 143472), (5, 143475), (11, 143565), (15, 143637), (17, 143676), (19, 143694), (21, 143775), (23, 143796), (24, 143799),

Gene: Latch_251 Start: 143386, Stop: 143796, Start Num: 2

Candidate Starts for Latch_251:

(Start: 2 @143386 has 186 MA's), (3, 143449), (4, 143458), (5, 143461), (11, 143551), (15, 143623), (17, 143662), (19, 143680), (21, 143761), (23, 143782), (24, 143785),

Gene: Lee7_252 Start: 146487, Stop: 146897, Start Num: 2

Candidate Starts for Lee7_252:

(Start: 2 @146487 has 186 MA's), (3, 146550), (4, 146559), (5, 146562), (11, 146652), (15, 146724), (17, 146763), (19, 146781), (21, 146862), (23, 146883), (24, 146886),

Gene: Lethe_249 Start: 145208, Stop: 145618, Start Num: 2

Candidate Starts for Lethe_249:

(Start: 2 @145208 has 186 MA's), (3, 145271), (4, 145280), (5, 145283), (11, 145373), (15, 145445), (17, 145484), (19, 145502), (21, 145583), (23, 145604), (24, 145607),

Gene: LifeSavor_252 Start: 144614, Stop: 145024, Start Num: 2

Candidate Starts for LifeSavor_252:

(Start: 2 @144614 has 186 MA's), (3, 144677), (4, 144686), (5, 144689), (11, 144779), (15, 144851), (17, 144890), (19, 144908), (21, 144989), (23, 145010), (24, 145013),

Gene: LinStu_248 Start: 142715, Stop: 143125, Start Num: 2

Candidate Starts for LinStu_248:

(Start: 2 @142715 has 186 MA's), (3, 142778), (4, 142787), (5, 142790), (9, 142868), (11, 142880), (15, 142952), (17, 142991), (19, 143009), (21, 143090), (23, 143111), (24, 143114),

Gene: Littleton_255 Start: 144623, Stop: 145033, Start Num: 2

Candidate Starts for Littleton_255:

(Start: 2 @144623 has 186 MA's), (3, 144686), (4, 144695), (5, 144698), (11, 144788), (15, 144860), (17, 144899), (19, 144917), (21, 144998), (23, 145019), (24, 145022),

Gene: Loanshark_248 Start: 143973, Stop: 144383, Start Num: 2

Candidate Starts for Loanshark_248:

(Start: 2 @143973 has 186 MA's), (3, 144036), (4, 144045), (5, 144048), (11, 144138), (15, 144210), (17, 144249), (19, 144267), (21, 144348), (23, 144369), (24, 144372),

Gene: LolaVinca_247 Start: 144226, Stop: 144636, Start Num: 2

Candidate Starts for LolaVinca_247:

(Start: 2 @144226 has 186 MA's), (3, 144289), (4, 144298), (5, 144301), (11, 144391), (15, 144463), (17, 144502), (19, 144520), (21, 144601), (23, 144622), (24, 144625),

Gene: LookingGlass_249 Start: 144131, Stop: 144541, Start Num: 2

Candidate Starts for LookingGlass_249:

(Start: 2 @144131 has 186 MA's), (3, 144194), (4, 144203), (5, 144206), (11, 144296), (15, 144368), (17, 144407), (19, 144425), (21, 144506), (23, 144527), (24, 144530),

Gene: LordLeafolot_252 Start: 143839, Stop: 144249, Start Num: 2

Candidate Starts for LordLeafolot_252:

(Start: 2 @143839 has 186 MA's), (3, 143902), (4, 143911), (5, 143914), (11, 144004), (15, 144076), (17, 144115), (19, 144133), (21, 144214), (23, 144235), (24, 144238),

Gene: Lukilu_240 Start: 144842, Stop: 145252, Start Num: 2

Candidate Starts for Lukilu_240:

(Start: 2 @144842 has 186 MA's), (3, 144905), (4, 144914), (5, 144917), (11, 145007), (15, 145079), (17, 145118), (19, 145136), (21, 145217), (23, 145238), (24, 145241),

Gene: Lunareta_248 Start: 144540, Stop: 144950, Start Num: 2

Candidate Starts for Lunareta_248:

(Start: 2 @144540 has 186 MA's), (3, 144603), (4, 144612), (5, 144615), (9, 144693), (11, 144705), (15, 144777), (17, 144816), (19, 144834), (21, 144915), (23, 144936), (24, 144939),

Gene: Maby2021_252 Start: 145526, Stop: 145936, Start Num: 2

Candidate Starts for Maby2021_252:

(Start: 2 @145526 has 186 MA's), (3, 145589), (4, 145598), (5, 145601), (11, 145691), (15, 145763), (17, 145802), (19, 145820), (21, 145901), (23, 145922), (24, 145925),

Gene: Mangeria_251 Start: 144737, Stop: 145147, Start Num: 2

Candidate Starts for Mangeria_251:

(Start: 2 @144737 has 186 MA's), (3, 144800), (4, 144809), (5, 144812), (11, 144902), (15, 144974), (17, 145013), (19, 145031), (21, 145112), (23, 145133), (24, 145136),

Gene: MaryV_51 Start: 37935, Stop: 38366, Start Num: 2

Candidate Starts for MaryV_51:

(1, 37914), (Start: 2 @37935 has 186 MA's), (6, 38019), (7, 38037), (8, 38073), (10, 38091), (13, 38154), (14, 38157), (15, 38175), (16, 38199), (18, 38223), (20, 38250), (21, 38313), (22, 38325),

Gene: Matsumoto_249 Start: 143828, Stop: 144238, Start Num: 2

Candidate Starts for Matsumoto_249:

(Start: 2 @143828 has 186 MA's), (3, 143891), (4, 143900), (5, 143903), (11, 143993), (15, 144065), (17, 144104), (19, 144122), (21, 144203), (23, 144224), (24, 144227),

Gene: Maturis_245 Start: 143655, Stop: 144065, Start Num: 2

Candidate Starts for Maturis_245:

(Start: 2 @143655 has 186 MA's), (3, 143718), (4, 143727), (5, 143730), (9, 143808), (11, 143820), (15, 143892), (17, 143931), (19, 143949), (21, 144030), (23, 144051), (24, 144054),

Gene: McGee_253 Start: 144174, Stop: 144584, Start Num: 2

Candidate Starts for McGee_253:

(Start: 2 @144174 has 186 MA's), (3, 144237), (4, 144246), (5, 144249), (11, 144339), (15, 144411), (17, 144450), (19, 144468), (21, 144549), (23, 144570), (24, 144573),

Gene: McWolfish_248 Start: 143835, Stop: 144245, Start Num: 2

Candidate Starts for McWolfish_248:

(Start: 2 @143835 has 186 MA's), (3, 143898), (4, 143907), (5, 143910), (11, 144000), (15, 144072), (17, 144111), (19, 144129), (21, 144210), (23, 144231), (24, 144234),

Gene: Megamind_248 Start: 144160, Stop: 144570, Start Num: 2

Candidate Starts for Megamind_248:

(Start: 2 @144160 has 186 MA's), (3, 144223), (4, 144232), (5, 144235), (11, 144325), (15, 144397), (17, 144436), (19, 144454), (21, 144535), (23, 144556), (24, 144559),

Gene: Melpomini_246 Start: 142920, Stop: 143330, Start Num: 2

Candidate Starts for Melpomini_246:

(Start: 2 @142920 has 186 MA's), (3, 142983), (4, 142992), (5, 142995), (11, 143085), (15, 143157), (17, 143196), (19, 143214), (21, 143295), (23, 143316), (24, 143319),

Gene: MikeLiesIn_252 Start: 145296, Stop: 145706, Start Num: 2

Candidate Starts for MikeLiesIn_252:

(Start: 2 @145296 has 186 MA's), (3, 145359), (4, 145368), (5, 145371), (11, 145461), (15, 145533), (17, 145572), (19, 145590), (21, 145671), (23, 145692), (24, 145695),

Gene: Mikro_245 Start: 145739, Stop: 146149, Start Num: 2

Candidate Starts for Mikro_245:

(Start: 2 @145739 has 186 MA's), (3, 145802), (4, 145811), (5, 145814), (11, 145904), (15, 145976), (17, 146015), (19, 146033), (21, 146114), (23, 146135), (24, 146138),

Gene: MoMoMixon_247 Start: 144255, Stop: 144665, Start Num: 2

Candidate Starts for MoMoMixon_247:

(Start: 2 @144255 has 186 MA's), (3, 144318), (4, 144327), (5, 144330), (11, 144420), (15, 144492), (17, 144531), (19, 144549), (21, 144630), (23, 144651), (24, 144654),

Gene: Moby_248 Start: 142990, Stop: 143400, Start Num: 2

Candidate Starts for Moby_248:

(Start: 2 @142990 has 186 MA's), (3, 143053), (4, 143062), (5, 143065), (9, 143143), (11, 143155), (15, 143227), (17, 143266), (19, 143284), (21, 143365), (23, 143386), (24, 143389),

Gene: Moiqah_247 Start: 142967, Stop: 143377, Start Num: 2

Candidate Starts for Moiqah_247:

(Start: 2 @142967 has 186 MA's), (3, 143030), (4, 143039), (5, 143042), (9, 143120), (11, 143132), (15, 143204), (17, 143243), (19, 143261), (21, 143342), (23, 143363), (24, 143366),

Gene: Momo_253 Start: 143386, Stop: 143796, Start Num: 2

Candidate Starts for Momo_253:

(Start: 2 @143386 has 186 MA's), (3, 143449), (4, 143458), (5, 143461), (11, 143551), (15, 143623), (17, 143662), (19, 143680), (21, 143761), (23, 143782), (24, 143785),

Gene: Montpel_248 Start: 144538, Stop: 144948, Start Num: 2

Candidate Starts for Montpel_248:

(Start: 2 @144538 has 186 MA's), (3, 144601), (4, 144610), (5, 144613), (9, 144691), (11, 144703), (15, 144775), (17, 144814), (19, 144832), (21, 144913), (23, 144934), (24, 144937),

Gene: Morizzled23_249 Start: 143202, Stop: 143612, Start Num: 2

Candidate Starts for Morizzled23_249:

(Start: 2 @143202 has 186 MA's), (3, 143265), (4, 143274), (5, 143277), (11, 143367), (15, 143439), (17, 143478), (19, 143496), (21, 143577), (23, 143598), (24, 143601),

Gene: Naija_252 Start: 144089, Stop: 144499, Start Num: 2

Candidate Starts for Naija_252:

(Start: 2 @144089 has 186 MA's), (3, 144152), (4, 144161), (5, 144164), (11, 144254), (15, 144326), (17, 144365), (19, 144383), (21, 144464), (23, 144485), (24, 144488),

Gene: Napoleon13_248 Start: 143118, Stop: 143528, Start Num: 2

Candidate Starts for Napoleon13_248:

(Start: 2 @143118 has 186 MA's), (3, 143181), (4, 143190), (5, 143193), (11, 143283), (15, 143355), (17, 143394), (19, 143412), (21, 143493), (23, 143514), (24, 143517),

Gene: Nappy_250 Start: 145195, Stop: 145605, Start Num: 2

Candidate Starts for Nappy_250:

(Start: 2 @145195 has 186 MA's), (3, 145258), (4, 145267), (5, 145270), (11, 145360), (15, 145432), (17, 145471), (19, 145489), (21, 145570), (23, 145591), (24, 145594),

Gene: Naval22_258 Start: 145869, Stop: 146279, Start Num: 2

Candidate Starts for Naval22_258:

(Start: 2 @145869 has 186 MA's), (3, 145932), (4, 145941), (5, 145944), (11, 146034), (15, 146106), (17, 146145), (19, 146163), (21, 146244), (23, 146265), (24, 146268),

Gene: NedWong_250 Start: 144547, Stop: 144957, Start Num: 2

Candidate Starts for NedWong_250:

(Start: 2 @144547 has 186 MA's), (3, 144610), (4, 144619), (5, 144622), (11, 144712), (15, 144784), (17, 144823), (19, 144841), (21, 144922), (23, 144943), (24, 144946),

Gene: Ngannou_246 Start: 143071, Stop: 143481, Start Num: 2

Candidate Starts for Ngannou_246:

(Start: 2 @143071 has 186 MA's), (3, 143134), (4, 143143), (5, 143146), (11, 143236), (15, 143308), (17, 143347), (19, 143365), (21, 143446), (23, 143467), (24, 143470),

Gene: Nidhogg_252 Start: 144915, Stop: 145325, Start Num: 2

Candidate Starts for Nidhogg_252:

(Start: 2 @144915 has 186 MA's), (3, 144978), (4, 144987), (5, 144990), (11, 145080), (15, 145152), (17, 145191), (19, 145209), (21, 145290), (23, 145311), (24, 145314),

Gene: NoodleTree_247 Start: 139666, Stop: 140076, Start Num: 2

Candidate Starts for NoodleTree_247:

(Start: 2 @139666 has 186 MA's), (3, 139729), (4, 139738), (5, 139741), (11, 139831), (15, 139903), (17, 139942), (19, 139960), (21, 140041), (23, 140062), (24, 140065),

Gene: Norm_251 Start: 144816, Stop: 145226, Start Num: 2

Candidate Starts for Norm_251:

(Start: 2 @144816 has 186 MA's), (3, 144879), (4, 144888), (5, 144891), (11, 144981), (15, 145053), (17, 145092), (19, 145110), (21, 145191), (23, 145212), (24, 145215),

Gene: NuevoMundo_253 Start: 145302, Stop: 145712, Start Num: 2

Candidate Starts for NuevoMundo_253:

(Start: 2 @145302 has 186 MA's), (3, 145365), (4, 145374), (5, 145377), (9, 145455), (11, 145467), (15, 145539), (17, 145578), (19, 145596), (21, 145677), (23, 145698), (24, 145701),

Gene: OrediggerDelux_248 Start: 145491, Stop: 145901, Start Num: 2

Candidate Starts for OrediggerDelux_248:

(Start: 2 @145491 has 186 MA's), (3, 145554), (4, 145563), (5, 145566), (11, 145656), (15, 145728), (17, 145767), (19, 145785), (21, 145866), (23, 145887), (24, 145890),

Gene: ParkTD_250 Start: 144386, Stop: 144796, Start Num: 2

Candidate Starts for ParkTD_250:

(Start: 2 @144386 has 186 MA's), (3, 144449), (4, 144458), (5, 144461), (11, 144551), (15, 144623), (17, 144662), (19, 144680), (21, 144761), (23, 144782), (24, 144785),

Gene: Patter_253 Start: 144046, Stop: 144456, Start Num: 2

Candidate Starts for Patter_253:

(Start: 2 @144046 has 186 MA's), (3, 144109), (4, 144118), (5, 144121), (11, 144211), (15, 144283), (17, 144322), (19, 144340), (21, 144421), (23, 144442), (24, 144445),

Gene: PharkleMinkus_255 Start: 143439, Stop: 143849, Start Num: 2

Candidate Starts for PharkleMinkus_255:

(Start: 2 @143439 has 186 MA's), (3, 143502), (4, 143511), (5, 143514), (11, 143604), (15, 143676), (17, 143715), (19, 143733), (21, 143814), (23, 143835), (24, 143838),

Gene: Phlegm_256 Start: 144792, Stop: 145202, Start Num: 2

Candidate Starts for Phlegm_256:

(Start: 2 @144792 has 186 MA's), (3, 144855), (4, 144864), (5, 144867), (11, 144957), (15, 145029), (17, 145068), (19, 145086), (21, 145167), (23, 145188), (24, 145191),

Gene: Phox_252 Start: 144041, Stop: 144451, Start Num: 2

Candidate Starts for Phox_252:

(Start: 2 @144041 has 186 MA's), (3, 144104), (4, 144113), (5, 144116), (11, 144206), (15, 144278), (17, 144317), (19, 144335), (21, 144416), (23, 144437), (24, 144440),

Gene: Phusco_250 Start: 143624, Stop: 144034, Start Num: 2

Candidate Starts for Phusco_250:

(Start: 2 @143624 has 186 MA's), (3, 143687), (4, 143696), (5, 143699), (11, 143789), (15, 143861), (17, 143900), (19, 143918), (21, 143999), (23, 144020), (24, 144023),

Gene: Pier_250 Start: 144917, Stop: 145327, Start Num: 2

Candidate Starts for Pier_250:

(Start: 2 @144917 has 186 MA's), (3, 144980), (4, 144989), (5, 144992), (11, 145082), (15, 145154), (17, 145193), (19, 145211), (21, 145292), (23, 145313), (24, 145316),

Gene: Pinkcreek_231 Start: 141243, Stop: 141653, Start Num: 2

Candidate Starts for Pinkcreek_231:

(Start: 2 @141243 has 186 MA's), (3, 141306), (4, 141315), (5, 141318), (9, 141396), (11, 141408), (15, 141480), (17, 141519), (19, 141537), (21, 141618), (23, 141639), (24, 141642),

Gene: Pio_258 Start: 146120, Stop: 146530, Start Num: 2

Candidate Starts for Pio_258:

(Start: 2 @146120 has 186 MA's), (3, 146183), (4, 146192), (5, 146195), (11, 146285), (15, 146357), (17, 146396), (19, 146414), (21, 146495), (23, 146516), (24, 146519),

Gene: Pivoine_252 Start: 144089, Stop: 144499, Start Num: 2

Candidate Starts for Pivoine_252:

(Start: 2 @144089 has 186 MA's), (3, 144152), (4, 144161), (5, 144164), (11, 144254), (15, 144326), (17, 144365), (19, 144383), (21, 144464), (23, 144485), (24, 144488),

Gene: Pleione_255 Start: 144852, Stop: 145262, Start Num: 2

Candidate Starts for Pleione_255:

(Start: 2 @144852 has 186 MA's), (3, 144915), (4, 144924), (5, 144927), (11, 145017), (15, 145089), (17, 145128), (19, 145146), (21, 145227), (23, 145248), (24, 145251),

Gene: Primadonna_247 Start: 144201, Stop: 144611, Start Num: 2

Candidate Starts for Primadonna_247:

(Start: 2 @144201 has 186 MA's), (3, 144264), (4, 144273), (5, 144276), (11, 144366), (15, 144438), (17, 144477), (19, 144495), (21, 144576), (23, 144597), (24, 144600),

Gene: Pupusa_254 Start: 145415, Stop: 145825, Start Num: 2

Candidate Starts for Pupusa_254:

(Start: 2 @145415 has 186 MA's), (3, 145478), (4, 145487), (5, 145490), (11, 145580), (15, 145652), (17, 145691), (19, 145709), (21, 145790), (23, 145811), (24, 145814),

Gene: PurduePete_252 Start: 145566, Stop: 145976, Start Num: 2

Candidate Starts for PurduePete_252:

(Start: 2 @145566 has 186 MA's), (3, 145629), (4, 145638), (5, 145641), (11, 145731), (15, 145803), (17, 145842), (19, 145860), (21, 145941), (23, 145962), (24, 145965),

Gene: QBert_243 Start: 142439, Stop: 142849, Start Num: 2

Candidate Starts for QBert_243:

(Start: 2 @142439 has 186 MA's), (3, 142502), (4, 142511), (5, 142514), (11, 142604), (15, 142676), (17, 142715), (19, 142733), (21, 142814), (23, 142835), (24, 142838),

Gene: Quasimodo_254 Start: 144425, Stop: 144835, Start Num: 2

Candidate Starts for Quasimodo_254:

(Start: 2 @144425 has 186 MA's), (3, 144488), (4, 144497), (5, 144500), (11, 144590), (15, 144662), (17, 144701), (19, 144719), (21, 144800), (23, 144821), (24, 144824),

Gene: Rabinovish_244 Start: 142929, Stop: 143339, Start Num: 2

Candidate Starts for Rabinovish_244:

(Start: 2 @142929 has 186 MA's), (3, 142992), (4, 143001), (5, 143004), (11, 143094), (15, 143166), (17, 143205), (19, 143223), (21, 143304), (23, 143325), (24, 143328),

Gene: Rahel_253 Start: 144527, Stop: 144937, Start Num: 2

Candidate Starts for Rahel_253:

(Start: 2 @144527 has 186 MA's), (3, 144590), (4, 144599), (5, 144602), (11, 144692), (15, 144764), (17, 144803), (19, 144821), (21, 144902), (23, 144923), (24, 144926),

Gene: Rizal_240 Start: 142342, Stop: 142752, Start Num: 2

Candidate Starts for Rizal_240:

(Start: 2 @142342 has 186 MA's), (3, 142405), (4, 142414), (5, 142417), (11, 142507), (15, 142579), (17, 142618), (19, 142636), (21, 142717), (23, 142738), (24, 142741),

Gene: RoMag_246 Start: 144123, Stop: 144533, Start Num: 2

Candidate Starts for RoMag_246:

(Start: 2 @144123 has 186 MA's), (3, 144186), (4, 144195), (5, 144198), (11, 144288), (15, 144360), (17, 144399), (19, 144417), (21, 144498), (23, 144519), (24, 144522),

Gene: Rocha_247 Start: 143688, Stop: 144098, Start Num: 2

Candidate Starts for Rocha_247:

(Start: 2 @143688 has 186 MA's), (3, 143751), (4, 143760), (5, 143763), (11, 143853), (15, 143925), (17, 143964), (19, 143982), (21, 144063), (23, 144084), (24, 144087),

Gene: Ronan_247 Start: 142504, Stop: 142914, Start Num: 2

Candidate Starts for Ronan_247:

(Start: 2 @142504 has 186 MA's), (3, 142567), (4, 142576), (5, 142579), (9, 142657), (11, 142669), (15, 142741), (17, 142780), (19, 142798), (21, 142879), (23, 142900), (24, 142903),

Gene: Roots515_254 Start: 145668, Stop: 146078, Start Num: 2

Candidate Starts for Roots515_254:

(Start: 2 @145668 has 186 MA's), (3, 145731), (4, 145740), (5, 145743), (11, 145833), (15, 145905), (17, 145944), (19, 145962), (21, 146043), (23, 146064), (24, 146067),

Gene: SVoro_246 Start: 144425, Stop: 144835, Start Num: 2

Candidate Starts for SVoro_246:

(Start: 2 @144425 has 186 MA's), (3, 144488), (4, 144497), (5, 144500), (11, 144590), (15, 144662), (17, 144701), (19, 144719), (21, 144800), (23, 144821), (24, 144824),

Gene: Salacia_253 Start: 145992, Stop: 146402, Start Num: 2

Candidate Starts for Salacia_253:

(Start: 2 @145992 has 186 MA's), (3, 146055), (4, 146064), (5, 146067), (11, 146157), (15, 146229), (17, 146268), (19, 146286), (21, 146367), (23, 146388), (24, 146391),

Gene: Sauce_248 Start: 143851, Stop: 144261, Start Num: 2

Candidate Starts for Sauce_248:

(Start: 2 @143851 has 186 MA's), (3, 143914), (4, 143923), (5, 143926), (11, 144016), (15, 144088), (17, 144127), (19, 144145), (21, 144226), (23, 144247), (24, 144250),

Gene: ScottMcG_243 Start: 143052, Stop: 143462, Start Num: 2

Candidate Starts for ScottMcG_243:

(Start: 2 @143052 has 186 MA's), (3, 143115), (4, 143124), (5, 143127), (11, 143217), (15, 143289), (17, 143328), (19, 143346), (21, 143427), (23, 143448), (24, 143451),

Gene: Sebata_251 Start: 144711, Stop: 145121, Start Num: 2

Candidate Starts for Sebata_251:

(Start: 2 @144711 has 186 MA's), (3, 144774), (4, 144783), (5, 144786), (9, 144864), (11, 144876), (15, 144948), (17, 144987), (19, 145005), (21, 145086), (23, 145107), (24, 145110),

Gene: Shaqnato_242 Start: 143260, Stop: 143670, Start Num: 2

Candidate Starts for Shaqnato_242:

(Start: 2 @143260 has 186 MA's), (3, 143323), (4, 143332), (5, 143335), (9, 143413), (11, 143425), (15, 143497), (17, 143536), (19, 143554), (21, 143635), (23, 143656), (24, 143659),

Gene: Shelob_252 Start: 145986, Stop: 146396, Start Num: 2

Candidate Starts for Shelob_252:

(Start: 2 @145986 has 186 MA's), (3, 146049), (4, 146058), (5, 146061), (11, 146151), (15, 146223), (17, 146262), (19, 146280), (21, 146361), (23, 146382), (24, 146385),

Gene: ShiaLabeouf_249 Start: 143845, Stop: 144255, Start Num: 2

Candidate Starts for ShiaLabeouf_249:

(Start: 2 @143845 has 186 MA's), (3, 143908), (4, 143917), (5, 143920), (11, 144010), (15, 144082), (17, 144121), (19, 144139), (21, 144220), (23, 144241), (24, 144244),

Gene: Shifa_227 Start: 143319, Stop: 143729, Start Num: 2

Candidate Starts for Shifa_227:

(Start: 2 @143319 has 186 MA's), (3, 143382), (4, 143391), (5, 143394), (9, 143472), (11, 143484), (15, 143556), (17, 143595), (19, 143613), (21, 143694), (23, 143715), (24, 143718),

Gene: Shnickers_250 Start: 143909, Stop: 144319, Start Num: 2

Candidate Starts for Shnickers_250:

(Start: 2 @143909 has 186 MA's), (3, 143972), (4, 143981), (5, 143984), (11, 144074), (15, 144146), (17, 144185), (19, 144203), (21, 144284), (23, 144305), (24, 144308),

Gene: Shrimp_254 Start: 145603, Stop: 146013, Start Num: 2

Candidate Starts for Shrimp_254:

(Start: 2 @145603 has 186 MA's), (3, 145666), (4, 145675), (5, 145678), (11, 145768), (15, 145840), (17, 145879), (19, 145897), (21, 145978), (23, 145999), (24, 146002),

Gene: SilverDipper_256 Start: 144645, Stop: 145055, Start Num: 2

Candidate Starts for SilverDipper_256:

(Start: 2 @144645 has 186 MA's), (3, 144708), (4, 144717), (5, 144720), (11, 144810), (15, 144882), (17, 144921), (19, 144939), (21, 145020), (23, 145041), (24, 145044),

Gene: SmallFry_252 Start: 144003, Stop: 144413, Start Num: 2

Candidate Starts for SmallFry_252:

(Start: 2 @144003 has 186 MA's), (3, 144066), (4, 144075), (5, 144078), (11, 144168), (15, 144240), (17, 144279), (19, 144297), (21, 144378), (23, 144399), (24, 144402),

Gene: SoilZilla_244 Start: 143147, Stop: 143557, Start Num: 2

Candidate Starts for SoilZilla_244:

(Start: 2 @143147 has 186 MA's), (3, 143210), (4, 143219), (5, 143222), (9, 143300), (11, 143312), (15, 143384), (17, 143423), (19, 143441), (21, 143522), (23, 143543), (24, 143546),

Gene: Spec_245 Start: 144015, Stop: 144425, Start Num: 2

Candidate Starts for Spec_245:

(Start: 2 @144015 has 186 MA's), (3, 144078), (4, 144087), (5, 144090), (9, 144168), (11, 144180), (15, 144252), (17, 144291), (19, 144309), (21, 144390), (23, 144411), (24, 144414),

Gene: Specks_256 Start: 144943, Stop: 145353, Start Num: 2

Candidate Starts for Specks_256:

(Start: 2 @144943 has 186 MA's), (3, 145006), (4, 145015), (5, 145018), (11, 145108), (15, 145180), (17, 145219), (19, 145237), (21, 145318), (23, 145339), (24, 145342),

Gene: Sprinklers_249 Start: 143711, Stop: 144121, Start Num: 2

Candidate Starts for Sprinklers_249:

(Start: 2 @143711 has 186 MA's), (3, 143774), (4, 143783), (5, 143786), (11, 143876), (15, 143948), (17, 143987), (19, 144005), (21, 144086), (23, 144107), (24, 144110),

Gene: Spud_243 Start: 143460, Stop: 143870, Start Num: 2

Candidate Starts for Spud_243:

(Start: 2 @143460 has 186 MA's), (3, 143523), (4, 143532), (5, 143535), (11, 143625), (15, 143697), (17, 143736), (19, 143754), (21, 143835), (23, 143856), (24, 143859),

Gene: SrishMeg2525_249 Start: 145098, Stop: 145508, Start Num: 2

Candidate Starts for SrishMeg2525_249:

(Start: 2 @145098 has 186 MA's), (3, 145161), (4, 145170), (5, 145173), (11, 145263), (15, 145335), (17, 145374), (19, 145392), (21, 145473), (23, 145494), (24, 145497),

Gene: StephanieG_245 Start: 144646, Stop: 145056, Start Num: 2

Candidate Starts for StephanieG_245:

(Start: 2 @144646 has 186 MA's), (3, 144709), (4, 144718), (5, 144721), (11, 144811), (15, 144883), (17, 144922), (19, 144940), (21, 145021), (23, 145042), (24, 145045),

Gene: Stubby_234 Start: 141431, Stop: 141841, Start Num: 2

Candidate Starts for Stubby_234:

(Start: 2 @141431 has 186 MA's), (3, 141494), (4, 141503), (5, 141506), (9, 141584), (11, 141596), (15, 141668), (17, 141707), (19, 141725), (21, 141806), (23, 141827), (24, 141830),

Gene: StubbySaigey_258 Start: 144628, Stop: 145038, Start Num: 2

Candidate Starts for StubbySaigey_258:

(Start: 2 @144628 has 186 MA's), (3, 144691), (4, 144700), (5, 144703), (11, 144793), (15, 144865), (17, 144904), (19, 144922), (21, 145003), (23, 145024), (24, 145027),

Gene: Substance289_247 Start: 144051, Stop: 144461, Start Num: 2

Candidate Starts for Substance289_247:

(Start: 2 @144051 has 186 MA's), (3, 144114), (4, 144123), (5, 144126), (11, 144216), (15, 144288), (17, 144327), (19, 144345), (21, 144426), (23, 144447), (24, 144450),

Gene: Tainan_251 Start: 143566, Stop: 143976, Start Num: 2

Candidate Starts for Tainan_251:

(Start: 2 @143566 has 186 MA's), (3, 143629), (4, 143638), (5, 143641), (11, 143731), (15, 143803), (17, 143842), (19, 143860), (21, 143941), (23, 143962), (24, 143965),

Gene: Teardrop_250 Start: 143955, Stop: 144365, Start Num: 2

Candidate Starts for Teardrop_250:

(Start: 2 @143955 has 186 MA's), (3, 144018), (4, 144027), (5, 144030), (11, 144120), (15, 144192), (17, 144231), (19, 144249), (21, 144330), (23, 144351), (24, 144354),

Gene: TinyTim_250 Start: 143922, Stop: 144332, Start Num: 2

Candidate Starts for TinyTim_250:

(Start: 2 @143922 has 186 MA's), (3, 143985), (4, 143994), (5, 143997), (11, 144087), (15, 144159), (17, 144198), (19, 144216), (21, 144297), (23, 144318), (24, 144321),

Gene: Tonenili_273 Start: 149250, Stop: 149663, Start Num: 2

Candidate Starts for Tonenili_273:

(Start: 2 @149250 has 186 MA's), (3, 149313), (4, 149322), (5, 149325), (9, 149403), (11, 149415), (12, 149427), (15, 149487), (17, 149526), (19, 149544), (21, 149625),

Gene: Tortoise16_249 Start: 143935, Stop: 144345, Start Num: 2

Candidate Starts for Tortoise16_249:

(Start: 2 @143935 has 186 MA's), (3, 143998), (4, 144007), (5, 144010), (11, 144100), (15, 144172), (17, 144211), (19, 144229), (21, 144310), (23, 144331), (24, 144334),

Gene: Trinitium_248 Start: 142676, Stop: 143086, Start Num: 2

Candidate Starts for Trinitium_248:

(Start: 2 @142676 has 186 MA's), (3, 142739), (4, 142748), (5, 142751), (11, 142841), (15, 142913), (17, 142952), (19, 142970), (21, 143051), (23, 143072), (24, 143075),

Gene: Turret_242 Start: 141809, Stop: 142219, Start Num: 2

Candidate Starts for Turret_242:

(Start: 2 @141809 has 186 MA's), (3, 141872), (4, 141881), (5, 141884), (11, 141974), (15, 142046), (17, 142085), (19, 142103), (21, 142184), (23, 142205), (24, 142208),

Gene: Tyke_248 Start: 146058, Stop: 146468, Start Num: 2

Candidate Starts for Tyke_248:

(Start: 2 @146058 has 186 MA's), (3, 146121), (4, 146130), (5, 146133), (11, 146223), (15, 146295), (17, 146334), (19, 146352), (21, 146433), (23, 146454), (24, 146457),

Gene: ValleyTerrace_252 Start: 143386, Stop: 143796, Start Num: 2

Candidate Starts for ValleyTerrace_252:

(Start: 2 @143386 has 186 MA's), (3, 143449), (4, 143458), (5, 143461), (11, 143551), (15, 143623), (17, 143662), (19, 143680), (21, 143761), (23, 143782), (24, 143785),

Gene: Vortrix_269 Start: 148037, Stop: 148450, Start Num: 2

Candidate Starts for Vortrix_269:

(Start: 2 @148037 has 186 MA's), (3, 148100), (4, 148109), (5, 148112), (9, 148190), (11, 148202), (15, 148274), (17, 148313), (19, 148331), (21, 148412),

Gene: Wally_249 Start: 143370, Stop: 143780, Start Num: 2

Candidate Starts for Wally_249:

(Start: 2 @143370 has 186 MA's), (3, 143433), (4, 143442), (5, 143445), (11, 143535), (15, 143607), (17, 143646), (19, 143664), (21, 143745), (23, 143766), (24, 143769),

Gene: Wildcat_51 Start: 37945, Stop: 38376, Start Num: 2

Candidate Starts for Wildcat_51:

(1, 37924), (Start: 2 @37945 has 186 MA's), (6, 38029), (7, 38047), (8, 38083), (10, 38101), (13, 38164), (14, 38167), (15, 38185), (16, 38209), (18, 38233), (20, 38260), (21, 38323), (22, 38335),

Gene: Willis_252 Start: 144309, Stop: 144719, Start Num: 2

Candidate Starts for Willis_252:

(Start: 2 @144309 has 186 MA's), (3, 144372), (4, 144381), (5, 144384), (11, 144474), (15, 144546), (17, 144585), (19, 144603), (21, 144684), (23, 144705), (24, 144708),

Gene: Yassified_247 Start: 143505, Stop: 143915, Start Num: 2

Candidate Starts for Yassified_247:

(Start: 2 @143505 has 186 MA's), (3, 143568), (4, 143577), (5, 143580), (9, 143658), (11, 143670), (15, 143742), (17, 143781), (19, 143799), (21, 143880), (23, 143901), (24, 143904),

Gene: YemiJoy2021_252 Start: 145040, Stop: 145450, Start Num: 2

Candidate Starts for YemiJoy2021_252:

(Start: 2 @145040 has 186 MA's), (3, 145103), (4, 145112), (5, 145115), (11, 145205), (15, 145277), (17, 145316), (19, 145334), (21, 145415), (23, 145436), (24, 145439),

Gene: YoungMoneyMata_251 Start: 144501, Stop: 144911, Start Num: 2

Candidate Starts for YoungMoneyMata_251:

(Start: 2 @144501 has 186 MA's), (3, 144564), (4, 144573), (5, 144576), (11, 144666), (15, 144738), (17, 144777), (19, 144795), (21, 144876), (23, 144897), (24, 144900),

Gene: Yucca_252 Start: 145481, Stop: 145891, Start Num: 2

Candidate Starts for Yucca_252:

(Start: 2 @145481 has 186 MA's), (3, 145544), (4, 145553), (5, 145556), (11, 145646), (15, 145718), (17, 145757), (19, 145775), (21, 145856), (23, 145877), (24, 145880),

Gene: Zalkecks_250 Start: 144138, Stop: 144548, Start Num: 2

Candidate Starts for Zalkecks_250:

(Start: 2 @144138 has 186 MA's), (3, 144201), (4, 144210), (5, 144213), (11, 144303), (15, 144375), (17, 144414), (19, 144432), (21, 144513), (23, 144534), (24, 144537),

Gene: Zeenon_252 Start: 144672, Stop: 145082, Start Num: 2

Candidate Starts for Zeenon_252:

(Start: 2 @144672 has 186 MA's), (3, 144735), (4, 144744), (5, 144747), (11, 144837), (15, 144909), (17, 144948), (19, 144966), (21, 145047), (23, 145068), (24, 145071),

Gene: ZygoTaiga_248 Start: 145778, Stop: 146188, Start Num: 2

Candidate Starts for ZygoTaiga_248:

(Start: 2 @145778 has 186 MA's), (3, 145841), (4, 145850), (5, 145853), (11, 145943), (15, 146015), (17, 146054), (19, 146072), (21, 146153), (23, 146174), (24, 146177),