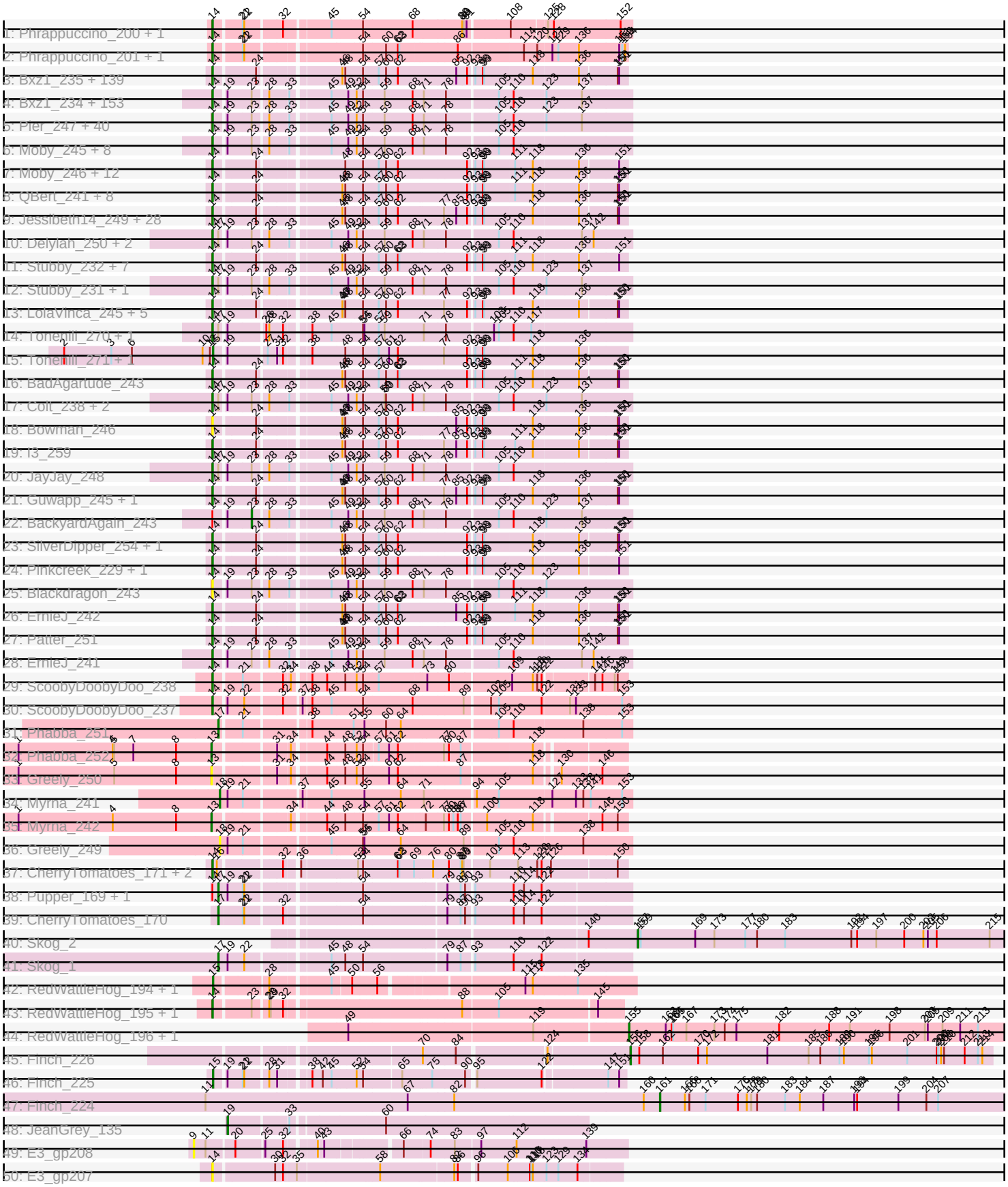
Pham 307856


1: Phrappuccino_200 + 1
2: Phrappuccino_201 + 1
3: Bxz1_235 + 139
4: Bxz1_234 + 153
5: Pier_247 + 40
6: Moby_245 + 8
7: Moby_246 + 12
8: QBert_241 + 8
9: Jessibeth14_249 + 28
10: Delylah_250 + 2
11: Stubby_232 + 7
12: Stubby_231 + 1
13: LolaVinca_245 + 5
14: Tonemil_270 + 1
15: Tonemil_271 + 1
16: BadAgartude_243
17: Colt_238 + 2
18: Bowman_246
19: I3_259
20: JayJay_248
21: Guwapp_245 + 1
22: BackyardAgain_243
23: SilverDipper_254 + 1
24: Pinkcreek_229 + 1
25: Blackdragon_243
26: ErnieJ_242
27: Patter_251
28: ErnieJ_241
29: ScoobyDoobyDoo_238
30: ScoobyDoobyDoo_237
31: Phabba_251
32: Phabba_252
33: Greely_250
34: Myrna_241
35: Myrna_242
36: Greely_249
37: CherryTomatoes_171 + 2
38: Pupper_169 + 1
39: CherryTomatoes_170
40: Skog_2
41: Skog_1
42: RedWattleHog_194 + 1
43: RedWattleHog_195 + 1
44: RedWattleHog_196 + 1
45: Finch_226
46: Finch_225
47: Finch_224
48: JeanGrey_135
49: E3_gp208
50: E3_gp207

Pham 307856

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 307856 Report

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

Pham number 307856 has 469 members, 79 are drafts.

Phages represented in each track:
• Track 1 : Phrappuccino_200, Settecandela_225
• Track 2 : Phrappuccino_201, Settecandela_226
• Track 3 : Bxz1_235, Ghost_249, Pier_248, Pivoine_250, ScottMcG_241, EmmaElysia_254, Naija_250, Catera_238, Delylah_251, RoMag_244, Phusco_248, Shrimp_251, Shnickers_248, Ewok_248, Chargie21_246, Trinitium_245, Nappy_248, ChickenPhender_245, MikeLiesIn_250, YoungMoneyMata_249, Janiyra_252, BackyardAgain_244, Rabinovish_242, FoxtrotP1_247, Cactojaque_243, FudgeTart_244, Asterius_249, SrishMeg2525_246, StephanieG_243, JPickles_246, Gamgam_251, YemiJoy2021_250, Demodog_255, Grungle_231, ShiaLabeouf_247, Dietrick_238, Momo_251, Ablatia_248, Quasimodo_252, Kboogie_253, LifeSavor_250, Pio_256, ArcherS7_250, Belieber_241, ZygoTaiga_245, Tortoise16_247, Adlitam_249, ParkTD_248, Gizmo_254, Derek_245, Domi_243, SmallFry_250, Jedediah_251, Bipolarisk_247, Rahel_251, Astraea_244, Cleatunium_241, JustHall_243, McGee_250, BananaFence_246, Morizzled23_246, InigoMontoya_253, Caravan_239, NuevoMundo_251, Bangla1971_250, Halldule_241, Littleton_253, Wally_247, Matsumoto_247, Teardrop_247, Labradorite_246, ValleyTerrace_250, StubbySaigey_255, DTDevon_250, IkeLoa_243, Drazdys_246, Blackbrain_247, Breeniome_249, Melpomini_244, Loanshark_246, EasyJones_250, Latch_249, Mangeria_249, PharkleMinkus_251, Burrough_250, OrediggerDelux_244, NedWong_248, Atlantean_249, Amataga_250, Ading_251, DrPhinkDaddy_246, ChaylaJr_248, Capablanca_254, Megamind_246, Zeenon_250, Phlegm_254, LookingGlass_247, Iota_246, Delilah_247, Jaygup_246, Pleione_253, Norm_249, Gabriel_252, Fongie_249, Zalkecks_248, Tyke_246, PurduePete_249, Turret_240, BobaPhatt_240, Babyland_252, Koguma_248, Izajani_245, Darko_248, Daffodil_255, Maby2021_249, Roots515_252, Erdmann_250, Shelob_250, Sauce_246, Dandelion_255, Audrick_252, Basquiat_246, Kamryn_248, Spud_241, Napoleon13_246, Ngannou_244, Concombre_254, Fixie_248, Fludd_249, Ava3_246, Jemmno_249, Chomp_248, Dessert_246, Rizal_238, GlutenPhree_250, Substance289_245, Essence_247, EmToTheThree_249, Primadonna_243, Willis_250
• Track 4 : Bxz1_234, Ghost_248, Pivoine_249, Issimir_241, ET08_234, QBert_240, Grungle_230, Naija_249, Jessibeth14_248, Fixie_247, Daffodil_254, Catera_237, Rocha_244, Atlantean_248, MoMoMixon_244, Shnickers_247, Chargie21_245, Trinitium_244, Nappy_247, YoungMoneyMata_248, Cali_238, DirtMonster_237, Bonray_250, Janiyra_251, Pio_255, Rabinovish_241, Shaqnato_239, FoxtrotP1_246, Cactojaque_242, Dandelion_254, EmmaElysia_253, FudgeTart_243, Asterius_248, Khaleesi_247, CharlieB_243, SrishMeg2525_245, JPickles_245, Gamgam_250,

YemiJoy2021_249, JulietS_237, Demodog_254, ShiaLabeouf_246, Momo_250, Dietrick_237, Ablatia_247, Quasimodo_251, Capablanca_253, Sprinklers_246, ArcherS7_249, Belieber_240, ZygoTaiga_244, Tortoise16_246, Adlitam_248, ParkTD_247, Derek_244, SmallFry_249, Jedediah_250, McGee_249, Bipolarisk_246, Rahel_250, Cleatunium_240, McWolfish_245, Specks_252, Morizzled23_245, BigCity_256, InigoMontoya_252, NuevoMundo_250, Bangla1971_249, NoodleTree_244, Littleton_252, Halldule_240, Wally_246, Spud_240, EggyFarm_256, Matsumoto_246, Teardrop_246, Burrough_249, Labradorite_245, ValleyTerrace_249, DTDevon_249, Ewok_247, Drazdys_245, Breeniome_248, LRRHood_240, Melpomini_243, Loanshark_245, Mikro_242, EasyJones_249, Latch_248, Phusco_247, Mangeria_248, PharkleMinkus_250, JigglyPuff_254, OrediggerDelux_243, NedWong_247, Amataga_249, Ading_250, Jaygup_245, DrPhinkDaddy_245, ChaylaJr_247, Turret_239, Megamind_245, Zeenon_249, Jemmno_248, StubbySaigey_254, Norm_248, Gabriel_251, Salacia_249, Fongie_248, Zalkecks_247, Tyke_245, PurduePete_248, JustHall_242, Lukilu_237, LifeSavor_249, Concombre_253, SilverDipper_253, BobaPhatt_239, Babyland_251, Pupusa_251, Koguma_247, Izajani_244, Maby2021_248, MikeLiesIn_249, Phlegm_253, ChickenPhender_244, Roots515_251, Jezreel_245, Spec_242, Grasshills_255, Shelob_249, SVoro_243, Audrick_251, Bezza_236, Basquiat_245, I3_258, Napoleon13_245, BeanWater_241, Ngannou_243, Astraea_243, Fludd_248, Ava3_245, Chomp_247, Lee7_247, Dessert_245, Phox_249, Rizal_237, GlutenPhree_249, Substance289_244, Sauce_245, Essence_246, EmToTheThree_248, Willis_249, Primadonna_242

• Track 5 : Pier_247, ScottMcG_240, Kboogie_252, LolaVinca_244, Bigswole_253, Shrimp_250, Yucca_248, BadAgartude_242, StephanieG_242, TinyTim_246, Yassified_244, Ronan_244, Gizmo_253, Guwapp_244, Naval22_255, BananaFence_245, FrayBell_251, Pinkcreek_228, SoilZilla_241, Blackbrain_246, Iota_245, Lethe_246, Delilah_246, Pleione_252, Domi_242, CindyLou_249, Alice_234, Tainan_248, Duckfeet_242, InterFolia_250, Patter_250, Darko_247, RoMag_243, LordLeafolot_249, IkeLoa_242, Erdmann_249, LookingGlass_246, Kamryn_247, Bowman_245, Bread_244, Nidhogg_249

• Track 6 : Moby_245, Moiqah_244, Shifa_224, Lunareta_245, HyRo_233, Maturis_242, Montpel_245, DeejaClivia_235, Sebata_248

• Track 7 : Moby_246, JayJay_249, Colt_239, Blubba_236, Lunareta_246, Cane17_238, HyRo_234, Shifa_225, Maturis_243, Montpel_246, Moiqah_245, DeejaClivia_236, Sebata_249

• Track 8 : QBert_241, Cali_239, DirtMonster_238, CharlieB_244, Sprinklers_247, Blackdragon_244, BeanWater_242, Pupusa_252, Spec_243

• Track 9 : Jessibeth14_249, Rocha_245, MoMoMixon_245, Yucca_249, Bonray_251, Shaqnato_240, Khaleesi_248, JulietS_238, Issimir_242, TinyTim_247, Lukilu_238, Naval22_256, McWolfish_246, Specks_253, BigCity_257, NoodleTree_245, EggyFarm_257, LRRHood_241, Mikro_243, JigglyPuff_255, Salacia_250, SVoro_244, Bezza_237, Jezreel_246, Grasshills_256, Bread_245, Nidhogg_250, Lee7_248, Phox_250

• Track 10 : Delylah_250, Caravan_238, Flabslab_242

• Track 11 : Stubby_232, Yassified_245, ET08_235, Ronan_245, LinStu_246, SoilZilla_242, Duckfeet_243, Flabslab_243

• Track 12 : Stubby_231, LinStu_245

• Track 13 : LolaVinca_245, Bigswole_254, Lethe_247, Tainan_249, InterFolia_251, FrayBell_252

• Track 14 : Tonenili_270, Vortrix_266

• Track 15 : Tonenili_271, Vortrix_267

• Track 16 : BadAgartude_243

• Track 17 : Colt_238, Blubba_235, Cane17_237
• Track 18 : Bowman_246
• Track 19 : I3_259
• Track 20 : JayJay_248
• Track 21 : Guwapp_245, LordLeafolot_250
• Track 22 : BackyardAgain_243
• Track 23 : SilverDipper_254, CindyLou_250
• Track 24 : Pinkcreek_229, Alice_235
• Track 25 : Blackdragon_243
• Track 26 : ErnieJ_242
• Track 27 : Patter_251
• Track 28 : ErnieJ_241
• Track 29 : ScoobyDoobyDoo_238
• Track 30 : ScoobyDoobyDoo_237
• Track 31 : Phabba_251
• Track 32 : Phabba_252
• Track 33 : Greely_250
• Track 34 : Myrna_241
• Track 35 : Myrna_242
• Track 36 : Greely_249
• Track 37 : CherryTomatoes_171, Pupper_170, SCentae_169
• Track 38 : Pupper_169, SCentae_168
• Track 39 : CherryTomatoes_170
• Track 40 : Skog_2
• Track 41 : Skog_1
• Track 42 : RedWattleHog_194, Stormageddon_195
• Track 43 : RedWattleHog_195, Stormageddon_196
• Track 44 : RedWattleHog_196, Stormageddon_197
• Track 45 : Finch_226
• Track 46 : Finch_225
• Track 47 : Finch_224
• Track 48 : JeanGrey_135
• Track 49 : E3_gp208
• Track 50 : E3_gp207
• Track 51 : E3_gp209

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 371 of the 390 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ablatia_247, Ablatia_248, Ading_250, Ading_251, Adlitam_248, Adlitam_249, Alice_234, Alice_235, Amataga_249, Amataga_250, ArcherS7_249, ArcherS7_250, Asterius_248, Asterius_249, Astraea_243, Astraea_244, Atlantean_248, Atlantean_249, Audrick_251, Audrick_252, Ava3_245, Ava3_246, Babyland_251, Babyland_252, BackyardAgain_244, BadAgartude_242, BadAgartude_243, BananaFence_245, BananaFence_246, Bangla1971_249, Bangla1971_250, Basquiat_245, Basquiat_246, BeanWater_241, BeanWater_242, Belieber_240, Belieber_241, Bezza_236, Bezza_237, BigCity_256, BigCity_257, Bigswole_253,

Bigswole_254, Bipolarisk_246, Bipolarisk_247, Blackbrain_246, Blackbrain_247, Blackdragon_243, Blackdragon_244, Blubba_235, Blubba_236, BobaPhatt_239, BobaPhatt_240, Bonray_250, Bonray_251, Bowman_245, Bowman_246, Bread_244, Bread_245, Breeniome_248, Breeniome_249, Burrough_249, Burrough_250, Bxz1_234, Bxz1_235, Cactojaque_242, Cactojaque_243, Cali_238, Cali_239, Cane17_237, Cane17_238, Capablanca_253, Capablanca_254, Caravan_238, Caravan_239, Catera_237, Catera_238, Chargie21_245, Chargie21_246, CharlieB_243, CharlieB_244, ChaylaJr_247, ChaylaJr_248, CherryTomatoes_171, ChickenPhender_244, ChickenPhender_245, Chomp_247, Chomp_248, CindyLou_249, CindyLou_250, Cleatunium_240, Cleatunium_241, Colt_238, Colt_239, Concombre_253, Concombre_254, DTDevon_249, DTDevon_250, Daffodil_254, Daffodil_255, Dandelion_254, Dandelion_255, Darko_247, Darko_248, DeejaClivia_235, DeejaClivia_236, Delilah_246, Delilah_247, Delylah_250, Delylah_251, Demodog_254, Demodog_255, Derek_244, Derek_245, Dessert_245, Dessert_246, Dietrick_237, Dietrick_238, DirtMonster_237, DirtMonster_238, Domi_242, Domi_243, DrPhinkDaddy_245, DrPhinkDaddy_246, Drazdys_245, Drazdys_246, Duckfeet_242, Duckfeet_243, E3_gp207, E3_gp209, ET08_234, ET08_235, EasyJones_249, EasyJones_250, EggyFarm_256, EggyFarm_257, EmToTheThree_248, EmToTheThree_249, EmmaElysia_253, EmmaElysia_254, Erdmann_249, Erdmann_250, ErnieJ_241, ErnieJ_242, Essence_246, Essence_247, Ewok_247, Ewok_248, Fixie_247, Fixie_248, Flabslab_242, Flabslab_243, Fludd_248, Fludd_249, Fongie_248, Fongie_249, FoxtrotP1_246, FoxtrotP1_247, FrayBell_251, FrayBell_252, FudgeTart_243, FudgeTart_244, Gabriel_251, Gabriel_252, Gamgam_250, Gamgam_251, Ghost_248, Ghost_249, Gizmo_253, Gizmo_254, GlutenPhree_249, GlutenPhree_250, Grasshills_255, Grasshills_256, Grungle_230, Grungle_231, Guwapp_244, Guwapp_245, Halldule_240, Halldule_241, HyRo_233, HyRo_234, I3_258, I3_259, IkeLoa_242, IkeLoa_243, InigoMontoya_252, InigoMontoya_253, InterFolia_250, InterFolia_251, Iota_245, Iota_246, Issimir_241, Issimir_242, Izajani_244, Izajani_245, JPickles_245, JPickles_246, Janiyra_251, Janiyra_252, JayJay_248, JayJay_249, Jaygup_245, Jaygup_246, Jedediah_250, Jedediah_251, Jemmno_248, Jemmno_249, Jessibeth14_248, Jessibeth14_249, Jezreel_245, Jezreel_246, JigglyPuff_254, JigglyPuff_255, JulietS_237, JulietS_238, JustHall_242, JustHall_243, Kamryn_247, Kamryn_248, Kboogie_252, Kboogie_253, Khaleesi_247, Khaleesi_248, Koguma_247, Koguma_248, LRRHood_240, LRRHood_241, Labradorite_245, Labradorite_246, Latch_248, Latch_249, Lee7_247, Lee7_248, Lethe_246, Lethe_247, LifeSavor_249, LifeSavor_250, LinStu_245, LinStu_246, Littleton_252, Littleton_253, Loanshark_245, Loanshark_246, LolaVinca_244, LolaVinca_245, LookingGlass_246, LookingGlass_247, LordLeafolot_249, LordLeafolot_250, Lukilu_237, Lukilu_238, Lunareta_245, Lunareta_246, Maby2021_248, Maby2021_249, Mangeria_248, Mangeria_249, Matsumoto_246, Matsumoto_247, Maturis_242, Maturis_243, McGee_249, McGee_250, McWolfish_245, McWolfish_246, Megamind_245, Megamind_246, Melpomini_243, Melpomini_244, MikeLiesIn_249, MikeLiesIn_250, Mikro_242, Mikro_243, MoMoMixon_244, MoMoMixon_245, Moby_245, Moby_246, Moiqah_244, Moiqah_245, Momo_250, Momo_251, Montpel_245, Montpel_246, Morizzled23_245, Morizzled23_246, Naija_249, Naija_250, Napoleon13_245, Napoleon13_246, Nappy_247, Nappy_248, Naval22_255, Naval22_256, NedWong_247, NedWong_248, Ngannou_243, Ngannou_244, Nidhogg_249, Nidhogg_250, NoodleTree_244, NoodleTree_245, Norm_248, Norm_249, NuevoMundo_250, NuevoMundo_251, OrediggerDelux_243, OrediggerDelux_244, ParkTD_247, ParkTD_248, Patter_250, Patter_251, PharkleMinkus_250, PharkleMinkus_251, Phlegm_253, Phlegm_254, Phox_249, Phox_250, Phrappuccino_200, Phrappuccino_201, Phusco_247, Phusco_248,

Pier_247, Pier_248, Pinkcreek_228, Pinkcreek_229, Pio_255, Pio_256, Pivoine_249, Pivoine_250, Pleione_252, Pleione_253, Primadonna_242, Primadonna_243, Pupper_170, Pupusa_251, Pupusa_252, PurduePete_248, PurduePete_249, QBert_240, QBert_241, Quasimodo_251, Quasimodo_252, Rabinovish_241, Rabinovish_242, Rahel_250, Rahel_251, RedWattleHog_195, Rizal_237, Rizal_238, RoMag_243, RoMag_244, Rocha_244, Rocha_245, Ronan_244, Ronan_245, Roots515_251, Roots515_252, SCentae_169, SVoro_243, SVoro_244, Salacia_249, Salacia_250, Sauce_245, Sauce_246, ScoobyDoobyDoo_237, ScoobyDoobyDoo_238, ScottMcG_240, ScottMcG_241, Sebata_248, Sebata_249, Settecandela_225, Settecandela_226, Shaqnato_239, Shaqnato_240, Shelob_249, Shelob_250, ShiaLabeouf_246, ShiaLabeouf_247, Shifa_224, Shifa_225, Shnickers_247, Shnickers_248, Shrimp_250, Shrimp_251, SilverDipper_253, SilverDipper_254, SmallFry_249, SmallFry_250, SoilZilla_241, SoilZilla_242, Spec_242, Spec_243, Specks_252, Specks_253, Sprinklers_246, Sprinklers_247, Spud_240, Spud_241, SrishMeg2525_245, SrishMeg2525_246, StephanieG_242, StephanieG_243, Stormageddon_196, StubbySaigey_254, StubbySaigey_255, Stubby_231, Stubby_232, Substance289_244, Substance289_245, Tainan_248, Tainan_249, Teardrop_246, Teardrop_247, TinyTim_246, TinyTim_247, Tonenili_270, Tortoise16_246, Tortoise16_247, Trinitium_244, Trinitium_245, Turret_239, Turret_240, Tyke_245, Tyke_246, ValleyTerrace_249, ValleyTerrace_250, Vortrix_266, Wally_246, Wally_247, Willis_249, Willis_250, Yassified_244, Yassified_245, YemiJoy2021_249, YemiJoy2021_250, YoungMoneyMata_248, YoungMoneyMata_249, Yucca_248, Yucca_249, Zalkecks_247, Zalkecks_248, Zeenon_249, Zeenon_250, ZygoTaiga_244, ZygoTaiga_245,

Genes that have the "Most Annotated" start but do not call it:
• BackyardAgain_243, Pupper_169, SCentae_168,

Genes that do not have the "Most Annotated" start:
• CherryTomatoes_170, E3_gp208, Finch_224, Finch_225, Finch_226, Greely_249, Greely_250, JeanGrey_135, Myrna_241, Myrna_242, Phabba_251, Phabba_252, RedWattleHog_194, RedWattleHog_196, Skog_1, Skog_2, Stormageddon_195, Stormageddon_197, Tonenili_271, Vortrix_267,

Summary by start number:

Start 9:
• Found in 1 of 469 (0.2%) 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_gp208 (singleton),

Start 13:
• Found in 3 of 469 (0.6%) of genes in pham
• Manual Annotations of this start: 2 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Greely_250 (C2), Myrna_242 (C2), Phabba_252 (C2),

Start 14:
• Found in 449 of 469 (95.7%) of genes in pham
• Manual Annotations of this start: 371 of 390

• Called 99.3% of time when present
• Phage (with cluster) where this start called: Ablatia_247 (C1), Ablatia_248 (C1), Ading_250 (C1), Ading_251 (C1), Adlitam_248 (C1), Adlitam_249 (C1), Alice_234 (C1), Alice_235 (C1), Amataga_249 (C1), Amataga_250 (C1), ArcherS7_249 (C1), ArcherS7_250 (C1), Asterius_248 (C1), Asterius_249 (C1), Astraea_243 (C1), Astraea_244 (C1), Atlantean_248 (C1), Atlantean_249 (C1), Audrick_251 (C1), Audrick_252 (C1), Ava3_245 (C1), Ava3_246 (C1), Babyland_251 (C1), Babyland_252 (C1), BackyardAgain_244 (C1), BadAgartude_242 (C1), BadAgartude_243 (C1), BananaFence_245 (C1), BananaFence_246 (C1), Bangla1971_249 (C1), Bangla1971_250 (C1), Basquiat_245 (C1), Basquiat_246 (C1), BeanWater_241 (C1), BeanWater_242 (C1), Belieber_240 (C1), Belieber_241 (C1), Bezza_236 (C1), Bezza_237 (C1), BigCity_256 (C1), BigCity_257 (C1), Bigswole_253 (C1), Bigswole_254 (C1), Bipolarisk_246 (C1), Bipolarisk_247 (C1), Blackbrain_246 (C1), Blackbrain_247 (C1), Blackdragon_243 (C1), Blackdragon_244 (C1), Blubba_235 (C1), Blubba_236 (C1), BobaPhatt_239 (C1), BobaPhatt_240 (C1), Bonray_250 (C1), Bonray_251 (C1), Bowman_245 (C1), Bowman_246 (C1), Bread_244 (C1), Bread_245 (C1), Breeniome_248 (C1), Breeniome_249 (C1), Burrough_249 (C1), Burrough_250 (C1), Bxz1_234 (C1), Bxz1_235 (C1), Cactojaque_242 (C1), Cactojaque_243 (C1), Cali_238 (C1), Cali_239 (C1), Cane17_237 (C1), Cane17_238 (C1), Capablanca_253 (C1), Capablanca_254 (C1), Caravan_238 (C1), Caravan_239 (C1), Catera_237 (C1), Catera_238 (C1), Chargie21_245 (C1), Chargie21_246 (C1), CharlieB_243 (C1), CharlieB_244 (C1), ChaylaJr_247 (C1), ChaylaJr_248 (C1), CherryTomatoes_171 (DO), ChickenPhender_244 (C1), ChickenPhender_245 (C1), Chomp_247 (C1), Chomp_248 (C1), CindyLou_249 (C1), CindyLou_250 (C1), Cleatunium_240 (C1), Cleatunium_241 (C1), Colt_238 (C1), Colt_239 (C1), Concombre_253 (C1), Concombre_254 (C1), DTDevon_249 (C1), DTDevon_250 (C1), Daffodil_254 (C1), Daffodil_255 (C1), Dandelion_254 (C1), Dandelion_255 (C1), Darko_247 (C1), Darko_248 (C1), DeejaClivia_235 (C1), DeejaClivia_236 (C1), Delilah_246 (C1), Delilah_247 (C1), Delylah_250 (C1), Delylah_251 (C1), Demodog_254 (C1), Demodog_255 (C1), Derek_244 (C1), Derek_245 (C1), Dessert_245 (C1), Dessert_246 (C1), Dietrick_237 (C1), Dietrick_238 (C1), DirtMonster_237 (C1), DirtMonster_238 (C1), Domi_242 (C1), Domi_243 (C1), DrPhinkDaddy_245 (C1), DrPhinkDaddy_246 (C1), Drazdys_245 (C1), Drazdys_246 (C1), Duckfeet_242 (C1), Duckfeet_243 (C1), E3_gp207 (singleton), E3_gp209 (singleton), ET08_234 (C1), ET08_235 (C1), EasyJones_249 (C1), EasyJones_250 (C1), EggyFarm_256 (C1), EggyFarm_257 (C1), EmToTheThree_248 (C1), EmToTheThree_249 (C1), EmmaElysia_253 (C1), EmmaElysia_254 (C1), Erdmann_249 (C1), Erdmann_250 (C1), ErnieJ_241 (C1), ErnieJ_242 (C1), Essence_246 (C1), Essence_247 (C1), Ewok_247 (C1), Ewok_248 (C1), Fixie_247 (C1), Fixie_248 (C1), Flabslab_242 (C1), Flabslab_243 (C1), Fludd_248 (C1), Fludd_249 (C1), Fongie_248 (C1), Fongie_249 (C1), FoxtrotP1_246 (C1), FoxtrotP1_247 (C1), FrayBell_251 (C1), FrayBell_252 (C1), FudgeTart_243 (C1), FudgeTart_244 (C1), Gabriel_251 (C1), Gabriel_252 (C1), Gamgam_250 (C1), Gamgam_251 (C1), Ghost_248 (C1), Ghost_249 (C1), Gizmo_253 (C1), Gizmo_254 (C1), GlutenPhree_249 (C1), GlutenPhree_250 (C1), Grasshills_255 (C1), Grasshills_256 (C1), Grungle_230 (C1), Grungle_231 (C1), Guwapp_244 (C1), Guwapp_245 (C1), Halldule_240 (C1), Halldule_241 (C1), HyRo_233 (C1), HyRo_234 (C1), I3_258 (C1), I3_259 (C1), IkeLoa_242 (C1), IkeLoa_243 (C1), InigoMontoya_252 (C1), InigoMontoya_253 (C1), InterFolia_250 (C1), InterFolia_251 (C1), Iota_245 (C1), Iota_246 (C1), Issimir_241 (C1), Issimir_242 (C1), Izajani_244 (C1), Izajani_245 (C1), JPickles_245 (C1), JPickles_246 (C1), Janiyra_251 (C1), Janiyra_252 (C1), JayJay_248 (C1), JayJay_249 (C1), Jaygup_245 (C1), Jaygup_246 (C1), Jedediah_250 (C1), Jedediah_251 (C1),

Jemmno_248 (C1), Jemmno_249 (C1), Jessibeth14_248 (C1), Jessibeth14_249 (C1), Jezreel_245 (C1), Jezreel_246 (C1), JigglyPuff_254 (C1), JigglyPuff_255 (C1), JulietS_237 (C1), JulietS_238 (C1), JustHall_242 (C1), JustHall_243 (C1), Kamryn_247 (C1), Kamryn_248 (C1), Kboogie_252 (C1), Kboogie_253 (C1), Khaleesi_247 (C1), Khaleesi_248 (C1), Koguma_247 (C1), Koguma_248 (C1), LRRHood_240 (C1), LRRHood_241 (C1), Labradorite_245 (C1), Labradorite_246 (C1), Latch_248 (C1), Latch_249 (C1), Lee7_247 (C1), Lee7_248 (C1), Lethe_246 (C1), Lethe_247 (C1), LifeSavor_249 (C1), LifeSavor_250 (C1), LinStu_245 (C1), LinStu_246 (C1), Littleton_252 (C1), Littleton_253 (C1), Loanshark_245 (C1), Loanshark_246 (C1), LolaVinca_244 (C1), LolaVinca_245 (C1), LookingGlass_246 (C1), LookingGlass_247 (C1), LordLeafolot_249 (C1), LordLeafolot_250 (C1), Lukilu_237 (C1), Lukilu_238 (C1), Lunareta_245 (C1), Lunareta_246 (C1), Maby2021_248 (C1), Maby2021_249 (C1), Mangeria_248 (C1), Mangeria_249 (C1), Matsumoto_246 (C1), Matsumoto_247 (C1), Maturis_242 (C1), Maturis_243 (C1), McGee_249 (C1), McGee_250 (C1), McWolfish_245 (C1), McWolfish_246 (C1), Megamind_245 (C1), Megamind_246 (C1), Melpomini_243 (C1), Melpomini_244 (C1), MikeLiesIn_249 (C1), MikeLiesIn_250 (C1), Mikro_242 (C1), Mikro_243 (C1), MoMoMixon_244 (C1), MoMoMixon_245 (C1), Moby_245 (C1), Moby_246 (C1), Moiqah_244 (C1), Moiqah_245 (C1), Momo_250 (C1), Momo_251 (C1), Montpel_245 (C1), Montpel_246 (C1), Morizzled23_245 (C1), Morizzled23_246 (C1), Naija_249 (C1), Naija_250 (C1), Napoleon13_245 (C1), Napoleon13_246 (C1), Nappy_247 (C1), Nappy_248 (C1), Naval22_255 (C1), Naval22_256 (C1), NedWong_247 (C1), NedWong_248 (C1), Ngannou_243 (C1), Ngannou_244 (C1), Nidhogg_249 (C1), Nidhogg_250 (C1), NoodleTree_244 (C1), NoodleTree_245 (C1), Norm_248 (C1), Norm_249 (C1), NuevoMundo_250 (C1), NuevoMundo_251 (C1), OrediggerDelux_243 (C1), OrediggerDelux_244 (C1), ParkTD_247 (C1), ParkTD_248 (C1), Patter_250 (C1), Patter_251 (C1), PharkleMinkus_250 (C1), PharkleMinkus_251 (C1), Phlegm_253 (C1), Phlegm_254 (C1), Phox_249 (C1), Phox_250 (C1), Phrappuccino_200 (AA), Phrappuccino_201 (AA), Phusco_247 (C1), Phusco_248 (C1), Pier_247 (C1), Pier_248 (C1), Pinkcreek_228 (C1), Pinkcreek_229 (C1), Pio_255 (C1), Pio_256 (C1), Pivoine_249 (C1), Pivoine_250 (C1), Pleione_252 (C1), Pleione_253 (C1), Primadonna_242 (C1), Primadonna_243 (C1), Pupper_170 (DO), Pupusa_251 (C1), Pupusa_252 (C1), PurduePete_248 (C1), PurduePete_249 (C1), QBert_240 (C1), QBert_241 (C1), Quasimodo_251 (C1), Quasimodo_252 (C1), Rabinovish_241 (C1), Rabinovish_242 (C1), Rahel_250 (C1), Rahel_251 (C1), RedWattleHog_195 (DX), Rizal_237 (C1), Rizal_238 (C1), RoMag_243 (C1), RoMag_244 (C1), Rocha_244 (C1), Rocha_245 (C1), Ronan_244 (C1), Ronan_245 (C1), Roots515_251 (C1), Roots515_252 (C1), SCentae_169 (DO), SVoro_243 (C1), SVoro_244 (C1), Salacia_249 (C1), Salacia_250 (C1), Sauce_245 (C1), Sauce_246 (C1), ScoobyDoobyDoo_237 (C2), ScoobyDoobyDoo_238 (C2), ScottMcG_240 (C1), ScottMcG_241 (C1), Sebata_248 (C1), Sebata_249 (C1), Settecandela_225 (AA), Settecandela_226 (AA), Shaqnato_239 (C1), Shaqnato_240 (C1), Shelob_249 (C1), Shelob_250 (C1), ShiaLabeouf_246 (C1), ShiaLabeouf_247 (C1), Shifa_224 (C1), Shifa_225 (C1), Shnickers_247 (C1), Shnickers_248 (C1), Shrimp_250 (C1), Shrimp_251 (C1), SilverDipper_253 (C1), SilverDipper_254 (C1), SmallFry_249 (C1), SmallFry_250 (C1), SoilZilla_241 (C1), SoilZilla_242 (C1), Spec_242 (C1), Spec_243 (C1), Specks_252 (C1), Specks_253 (C1), Sprinklers_246 (C1), Sprinklers_247 (C1), Spud_240 (C1), Spud_241 (C1), SrishMeg2525_245 (C1), SrishMeg2525_246 (C1), StephanieG_242 (C1), StephanieG_243 (C1), Stormageddon_196 (DX), StubbySaigey_254 (C1), StubbySaigey_255 (C1), Stubby_231 (C1), Stubby_232 (C1), Substance289_244 (C1), Substance289_245 (C1), Tainan_248 (C1), Tainan_249 (C1), Teardrop_246 (C1), Teardrop_247 (C1), TinyTim_246 (C1), TinyTim_247 (C1), Tonenili_270 (C1), Tortoise16_246 (C1), Tortoise16_247 (C1),

Trinitium_244 (C1), Trinitium_245 (C1), Turret_239 (C1), Turret_240 (C1), Tyke_245 (C1), Tyke_246 (C1), ValleyTerrace_249 (C1), ValleyTerrace_250 (C1), Vortrix_266 (C1), Wally_246 (C1), Wally_247 (C1), Willis_249 (C1), Willis_250 (C1), Yassified_244 (C1), Yassified_245 (C1), YemiJoy2021_249 (C1), YemiJoy2021_250 (C1), YoungMoneyMata_248 (C1), YoungMoneyMata_249 (C1), Yucca_248 (C1), Yucca_249 (C1), Zalkecks_247 (C1), Zalkecks_248 (C1), Zeenon_249 (C1), Zeenon_250 (C1), ZygoTaiga_244 (C1), ZygoTaiga_245 (C1),

Start 15:
• Found in 5 of 469 (1.1%) of genes in pham
• Manual Annotations of this start: 4 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finch_225 (singleton), RedWattleHog_194 (DX), Stormageddon_195 (DX), Tonenili_271 (C1), Vortrix_267 (C1),

Start 17:
• Found in 16 of 469 (3.4%) of genes in pham
• Manual Annotations of this start: 5 of 390
• Called 31.2% of time when present
• Phage (with cluster) where this start called: CherryTomatoes_170 (DO), Phabba_251 (C2), Pupper_169 (DO), SCentae_168 (DO), Skog_1 (DO),

Start 18:
• Found in 2 of 469 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Greely_249 (C2), Myrna_241 (C2),

Start 19:
• Found in 228 of 469 (48.6%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 0.4% of time when present
• Phage (with cluster) where this start called: JeanGrey_135 (singleton),

Start 23:
• Found in 219 of 469 (46.7%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 0.5% of time when present
• Phage (with cluster) where this start called: BackyardAgain_243 (C1),

Start 155:
• Found in 2 of 469 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: RedWattleHog_196 (DX), Stormageddon_197 (DX),

Start 156:
• Found in 1 of 469 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finch_226 (singleton),

Start 157:
• Found in 1 of 469 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Skog_2 (DO),

Start 161:
• Found in 1 of 469 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finch_224 (singleton),

Summary by clusters:

There are 6 clusters represented in this pham: AA, DO, singleton, DX, C2, C1,

Info for manual annotations of cluster AA:
•Start number 14 was manually annotated 4 times for cluster AA.

Info for manual annotations of cluster C1:
•Start number 14 was manually annotated 360 times for cluster C1.
•Start number 15 was manually annotated 1 time for cluster C1.
•Start number 23 was manually annotated 1 time for cluster C1.

Info for manual annotations of cluster C2:
•Start number 13 was manually annotated 2 times for cluster C2.
•Start number 14 was manually annotated 2 times for cluster C2.
•Start number 17 was manually annotated 1 time for cluster C2.
•Start number 18 was manually annotated 1 time for cluster C2.

Info for manual annotations of cluster DO:
•Start number 14 was manually annotated 3 times for cluster DO.
•Start number 17 was manually annotated 4 times for cluster DO.
•Start number 157 was manually annotated 1 time for cluster DO.

Info for manual annotations of cluster DX:
•Start number 14 was manually annotated 2 times for cluster DX.
•Start number 15 was manually annotated 2 times for cluster DX.
•Start number 155 was manually annotated 2 times for cluster DX.

Gene Information:

Gene: Ablatia_247 Start: 140346, Stop: 141116, Start Num: 14
Candidate Starts for Ablatia_247:
(Start: 14 @140346 has 371 MA's), (Start: 19 @140364 has 1 MA's), (Start: 23 @140412 has 1 MA's), (28, 140439), (33, 140475), (45, 140544), (49, 140574), (52, 140589), (54, 140601), (59, 140640), (68, 140694), (71, 140715), (78, 140757), (105, 140853), (110, 140883), (123, 140946), (137, 141015),

Gene: Ablatia_248 Start: 141129, Stop: 141884, Start Num: 14
Candidate Starts for Ablatia_248:

(Start: 14 @141129 has 371 MA's), (24, 141204), (46, 141342), (48, 141348), (54, 141381), (57, 141408), (60, 141423), (62, 141444), (85, 141558), (92, 141579), (93, 141588), (98, 141603), (99, 141606), (118, 141702), (136, 141792), (150, 141864), (151, 141867),

Gene: Ading_250 Start: 142779, Stop: 143549, Start Num: 14
Candidate Starts for Ading_250:
(Start: 14 @142779 has 371 MA's), (Start: 19 @142797 has 1 MA's), (Start: 23 @142845 has 1 MA's), (28, 142872), (33, 142908), (45, 142977), (49, 143007), (52, 143022), (54, 143034), (59, 143073), (68, 143127), (71, 143148), (78, 143190), (105, 143286), (110, 143316), (123, 143379), (137, 143448),

Gene: Ading_251 Start: 143562, Stop: 144317, Start Num: 14
Candidate Starts for Ading_251:
(Start: 14 @143562 has 371 MA's), (24, 143637), (46, 143775), (48, 143781), (54, 143814), (57, 143841), (60, 143856), (62, 143877), (85, 143991), (92, 144012), (93, 144021), (98, 144036), (99, 144039), (118, 144135), (136, 144225), (150, 144297), (151, 144300),

Gene: Adlitam_248 Start: 141383, Stop: 142153, Start Num: 14
Candidate Starts for Adlitam_248:
(Start: 14 @141383 has 371 MA's), (Start: 19 @141401 has 1 MA's), (Start: 23 @141449 has 1 MA's), (28, 141476), (33, 141512), (45, 141581), (49, 141611), (52, 141626), (54, 141638), (59, 141677), (68, 141731), (71, 141752), (78, 141794), (105, 141890), (110, 141920), (123, 141983), (137, 142052),

Gene: Adlitam_249 Start: 142166, Stop: 142921, Start Num: 14
Candidate Starts for Adlitam_249:
(Start: 14 @142166 has 371 MA's), (24, 142241), (46, 142379), (48, 142385), (54, 142418), (57, 142445), (60, 142460), (62, 142481), (85, 142595), (92, 142616), (93, 142625), (98, 142640), (99, 142643), (118, 142739), (136, 142829), (150, 142901), (151, 142904),

Gene: Alice_235 Start: 139213, Stop: 139968, Start Num: 14
Candidate Starts for Alice_235:
(Start: 14 @139213 has 371 MA's), (24, 139288), (46, 139426), (48, 139432), (54, 139465), (57, 139492), (60, 139507), (62, 139528), (92, 139663), (93, 139672), (98, 139687), (99, 139690), (118, 139786), (136, 139876), (151, 139951),

Gene: Alice_234 Start: 138430, Stop: 139200, Start Num: 14
Candidate Starts for Alice_234:
(Start: 14 @138430 has 371 MA's), (Start: 19 @138448 has 1 MA's), (Start: 23 @138496 has 1 MA's), (28, 138523), (33, 138559), (45, 138628), (49, 138658), (52, 138673), (54, 138685), (59, 138724), (68, 138778), (71, 138799), (78, 138841), (105, 138937), (110, 138967), (123, 139030), (137, 139099),

Gene: Amataga_249 Start: 140382, Stop: 141152, Start Num: 14
Candidate Starts for Amataga_249:
(Start: 14 @140382 has 371 MA's), (Start: 19 @140400 has 1 MA's), (Start: 23 @140448 has 1 MA's), (28, 140475), (33, 140511), (45, 140580), (49, 140610), (52, 140625), (54, 140637), (59, 140676), (68, 140730), (71, 140751), (78, 140793), (105, 140889), (110, 140919), (123, 140982), (137, 141051),

Gene: Amataga_250 Start: 141165, Stop: 141920, Start Num: 14
Candidate Starts for Amataga_250:
(Start: 14 @141165 has 371 MA's), (24, 141240), (46, 141378), (48, 141384), (54, 141417), (57, 141444), (60, 141459), (62, 141480), (85, 141594), (92, 141615), (93, 141624), (98, 141639), (99, 141642), (118, 141738), (136, 141828), (150, 141900), (151, 141903),

Gene: ArcherS7_250 Start: 142910, Stop: 143665, Start Num: 14

Candidate Starts for ArcherS7_250:
(Start: 14 @142910 has 371 MA's), (24, 142985), (46, 143123), (48, 143129), (54, 143162), (57, 143189), (60, 143204), (62, 143225), (85, 143339), (92, 143360), (93, 143369), (98, 143384), (99, 143387), (118, 143483), (136, 143573), (150, 143645), (151, 143648),

Gene: ArcherS7_249 Start: 142127, Stop: 142897, Start Num: 14
Candidate Starts for ArcherS7_249:
(Start: 14 @142127 has 371 MA's), (Start: 19 @142145 has 1 MA's), (Start: 23 @142193 has 1 MA's), (28, 142220), (33, 142256), (45, 142325), (49, 142355), (52, 142370), (54, 142382), (59, 142421), (68, 142475), (71, 142496), (78, 142538), (105, 142634), (110, 142664), (123, 142727), (137, 142796),

Gene: Asterius_249 Start: 141574, Stop: 142329, Start Num: 14
Candidate Starts for Asterius_249:
(Start: 14 @141574 has 371 MA's), (24, 141649), (46, 141787), (48, 141793), (54, 141826), (57, 141853), (60, 141868), (62, 141889), (85, 142003), (92, 142024), (93, 142033), (98, 142048), (99, 142051), (118, 142147), (136, 142237), (150, 142309), (151, 142312),

Gene: Asterius_248 Start: 140791, Stop: 141561, Start Num: 14
Candidate Starts for Asterius_248:
(Start: 14 @140791 has 371 MA's), (Start: 19 @140809 has 1 MA's), (Start: 23 @140857 has 1 MA's), (28, 140884), (33, 140920), (45, 140989), (49, 141019), (52, 141034), (54, 141046), (59, 141085), (68, 141139), (71, 141160), (78, 141202), (105, 141298), (110, 141328), (123, 141391), (137, 141460),

Gene: Astraea_244 Start: 140769, Stop: 141524, Start Num: 14
Candidate Starts for Astraea_244:
(Start: 14 @140769 has 371 MA's), (24, 140844), (46, 140982), (48, 140988), (54, 141021), (57, 141048), (60, 141063), (62, 141084), (85, 141198), (92, 141219), (93, 141228), (98, 141243), (99, 141246), (118, 141342), (136, 141432), (150, 141504), (151, 141507),

Gene: Astraea_243 Start: 139986, Stop: 140756, Start Num: 14
Candidate Starts for Astraea_243:
(Start: 14 @139986 has 371 MA's), (Start: 19 @140004 has 1 MA's), (Start: 23 @140052 has 1 MA's), (28, 140079), (33, 140115), (45, 140184), (49, 140214), (52, 140229), (54, 140241), (59, 140280), (68, 140334), (71, 140355), (78, 140397), (105, 140493), (110, 140523), (123, 140586), (137, 140655),

Gene: Atlantean_248 Start: 140382, Stop: 141152, Start Num: 14
Candidate Starts for Atlantean_248:
(Start: 14 @140382 has 371 MA's), (Start: 19 @140400 has 1 MA's), (Start: 23 @140448 has 1 MA's), (28, 140475), (33, 140511), (45, 140580), (49, 140610), (52, 140625), (54, 140637), (59, 140676), (68, 140730), (71, 140751), (78, 140793), (105, 140889), (110, 140919), (123, 140982), (137, 141051),

Gene: Atlantean_249 Start: 141165, Stop: 141920, Start Num: 14
Candidate Starts for Atlantean_249:
(Start: 14 @141165 has 371 MA's), (24, 141240), (46, 141378), (48, 141384), (54, 141417), (57, 141444), (60, 141459), (62, 141480), (85, 141594), (92, 141615), (93, 141624), (98, 141639), (99, 141642), (118, 141738), (136, 141828), (150, 141900), (151, 141903),

Gene: Audrick_251 Start: 140272, Stop: 141042, Start Num: 14
Candidate Starts for Audrick_251:
(Start: 14 @140272 has 371 MA's), (Start: 19 @140290 has 1 MA's), (Start: 23 @140338 has 1 MA's), (28, 140365), (33, 140401), (45, 140470), (49, 140500), (52, 140515), (54, 140527), (59, 140566), (68, 140620), (71, 140641), (78, 140683), (105, 140779), (110, 140809), (123, 140872), (137, 140941),

Gene: Audrick_252 Start: 141055, Stop: 141810, Start Num: 14
Candidate Starts for Audrick_252:
(Start: 14 @141055 has 371 MA's), (24, 141130), (46, 141268), (48, 141274), (54, 141307), (57, 141334), (60, 141349), (62, 141370), (85, 141484), (92, 141505), (93, 141514), (98, 141529), (99, 141532), (118, 141628), (136, 141718), (150, 141790), (151, 141793),

Gene: Ava3_245 Start: 140842, Stop: 141612, Start Num: 14
Candidate Starts for Ava3_245:
(Start: 14 @140842 has 371 MA's), (Start: 19 @140860 has 1 MA's), (Start: 23 @140908 has 1 MA's), (28, 140935), (33, 140971), (45, 141040), (49, 141070), (52, 141085), (54, 141097), (59, 141136), (68, 141190), (71, 141211), (78, 141253), (105, 141349), (110, 141379), (123, 141442), (137, 141511),

Gene: Ava3_246 Start: 141625, Stop: 142380, Start Num: 14
Candidate Starts for Ava3_246:
(Start: 14 @141625 has 371 MA's), (24, 141700), (46, 141838), (48, 141844), (54, 141877), (57, 141904), (60, 141919), (62, 141940), (85, 142054), (92, 142075), (93, 142084), (98, 142099), (99, 142102), (118, 142198), (136, 142288), (150, 142360), (151, 142363),

Gene: Babyland_251 Start: 141159, Stop: 141929, Start Num: 14
Candidate Starts for Babyland_251:
(Start: 14 @141159 has 371 MA's), (Start: 19 @141177 has 1 MA's), (Start: 23 @141225 has 1 MA's), (28, 141252), (33, 141288), (45, 141357), (49, 141387), (52, 141402), (54, 141414), (59, 141453), (68, 141507), (71, 141528), (78, 141570), (105, 141666), (110, 141696), (123, 141759), (137, 141828),

Gene: Babyland_252 Start: 141942, Stop: 142697, Start Num: 14
Candidate Starts for Babyland_252:
(Start: 14 @141942 has 371 MA's), (24, 142017), (46, 142155), (48, 142161), (54, 142194), (57, 142221), (60, 142236), (62, 142257), (85, 142371), (92, 142392), (93, 142401), (98, 142416), (99, 142419), (118, 142515), (136, 142605), (150, 142677), (151, 142680),

Gene: BackyardAgain_244 Start: 139315, Stop: 140070, Start Num: 14
Candidate Starts for BackyardAgain_244:
(Start: 14 @139315 has 371 MA's), (24, 139390), (46, 139528), (48, 139534), (54, 139567), (57, 139594), (60, 139609), (62, 139630), (85, 139744), (92, 139765), (93, 139774), (98, 139789), (99, 139792), (118, 139888), (136, 139978), (150, 140050), (151, 140053),

Gene: BackyardAgain_243 Start: 138598, Stop: 139302, Start Num: 23
Candidate Starts for BackyardAgain_243:
(Start: 14 @138532 has 371 MA's), (Start: 19 @138550 has 1 MA's), (Start: 23 @138598 has 1 MA's), (28, 138625), (33, 138661), (45, 138730), (49, 138760), (52, 138775), (54, 138787), (59, 138826), (68, 138880), (71, 138901), (78, 138943), (105, 139039), (110, 139069), (123, 139132), (137, 139201),

Gene: BadAgartude_243 Start: 141227, Stop: 141982, Start Num: 14
Candidate Starts for BadAgartude_243:
(Start: 14 @141227 has 371 MA's), (24, 141302), (46, 141440), (48, 141446), (54, 141479), (57, 141506), (60, 141521), (62, 141542), (63, 141545), (92, 141677), (93, 141686), (98, 141701), (99, 141704), (111, 141764), (118, 141800), (136, 141890), (150, 141962), (151, 141965),

Gene: BadAgartude_242 Start: 140444, Stop: 141214, Start Num: 14
Candidate Starts for BadAgartude_242:
(Start: 14 @140444 has 371 MA's), (Start: 19 @140462 has 1 MA's), (Start: 23 @140510 has 1 MA's), (28, 140537), (33, 140573), (45, 140642), (49, 140672), (52, 140687), (54, 140699), (59, 140738), (68, 140792), (71, 140813), (78, 140855), (105, 140951), (110, 140981), (123, 141044), (137, 141113),

Gene: BananaFence_245 Start: 140615, Stop: 141385, Start Num: 14
Candidate Starts for BananaFence_245:
(Start: 14 @140615 has 371 MA's), (Start: 19 @140633 has 1 MA's), (Start: 23 @140681 has 1 MA's), (28, 140708), (33, 140744), (45, 140813), (49, 140843), (52, 140858), (54, 140870), (59, 140909), (68, 140963), (71, 140984), (78, 141026), (105, 141122), (110, 141152), (123, 141215), (137, 141284),

Gene: BananaFence_246 Start: 141398, Stop: 142153, Start Num: 14
Candidate Starts for BananaFence_246:
(Start: 14 @141398 has 371 MA's), (24, 141473), (46, 141611), (48, 141617), (54, 141650), (57, 141677), (60, 141692), (62, 141713), (85, 141827), (92, 141848), (93, 141857), (98, 141872), (99, 141875), (118, 141971), (136, 142061), (150, 142133), (151, 142136),

Gene: Bangla1971_249 Start: 141091, Stop: 141861, Start Num: 14
Candidate Starts for Bangla1971_249:
(Start: 14 @141091 has 371 MA's), (Start: 19 @141109 has 1 MA's), (Start: 23 @141157 has 1 MA's), (28, 141184), (33, 141220), (45, 141289), (49, 141319), (52, 141334), (54, 141346), (59, 141385), (68, 141439), (71, 141460), (78, 141502), (105, 141598), (110, 141628), (123, 141691), (137, 141760),

Gene: Bangla1971_250 Start: 141874, Stop: 142629, Start Num: 14
Candidate Starts for Bangla1971_250:
(Start: 14 @141874 has 371 MA's), (24, 141949), (46, 142087), (48, 142093), (54, 142126), (57, 142153), (60, 142168), (62, 142189), (85, 142303), (92, 142324), (93, 142333), (98, 142348), (99, 142351), (118, 142447), (136, 142537), (150, 142609), (151, 142612),

Gene: Basquiat_246 Start: 139684, Stop: 140439, Start Num: 14
Candidate Starts for Basquiat_246:
(Start: 14 @139684 has 371 MA's), (24, 139759), (46, 139897), (48, 139903), (54, 139936), (57, 139963), (60, 139978), (62, 139999), (85, 140113), (92, 140134), (93, 140143), (98, 140158), (99, 140161), (118, 140257), (136, 140347), (150, 140419), (151, 140422),

Gene: Basquiat_245 Start: 138901, Stop: 139671, Start Num: 14
Candidate Starts for Basquiat_245:
(Start: 14 @138901 has 371 MA's), (Start: 19 @138919 has 1 MA's), (Start: 23 @138967 has 1 MA's), (28, 138994), (33, 139030), (45, 139099), (49, 139129), (52, 139144), (54, 139156), (59, 139195), (68, 139249), (71, 139270), (78, 139312), (105, 139408), (110, 139438), (123, 139501), (137, 139570),

Gene: BeanWater_242 Start: 141010, Stop: 141765, Start Num: 14
Candidate Starts for BeanWater_242:
(Start: 14 @141010 has 371 MA's), (24, 141085), (46, 141223), (48, 141229), (54, 141262), (57, 141289), (60, 141304), (62, 141325), (92, 141460), (93, 141469), (98, 141484), (99, 141487), (111, 141547), (118, 141583), (136, 141673), (150, 141745), (151, 141748),

Gene: BeanWater_241 Start: 140227, Stop: 140997, Start Num: 14
Candidate Starts for BeanWater_241:
(Start: 14 @140227 has 371 MA's), (Start: 19 @140245 has 1 MA's), (Start: 23 @140293 has 1 MA's), (28, 140320), (33, 140356), (45, 140425), (49, 140455), (52, 140470), (54, 140482), (59, 140521), (68, 140575), (71, 140596), (78, 140638), (105, 140734), (110, 140764), (123, 140827), (137, 140896),

Gene: Belieber_240 Start: 139028, Stop: 139798, Start Num: 14
Candidate Starts for Belieber_240:
(Start: 14 @139028 has 371 MA's), (Start: 19 @139046 has 1 MA's), (Start: 23 @139094 has 1 MA's), (28, 139121), (33, 139157), (45, 139226), (49, 139256), (52, 139271), (54, 139283), (59, 139322), (68,

139376), (71, 139397), (78, 139439), (105, 139535), (110, 139565), (123, 139628), (137, 139697),

Gene: Belieber_241 Start: 139811, Stop: 140566, Start Num: 14
Candidate Starts for Belieber_241:
(Start: 14 @139811 has 371 MA's), (24, 139886), (46, 140024), (48, 140030), (54, 140063), (57, 140090), (60, 140105), (62, 140126), (85, 140240), (92, 140261), (93, 140270), (98, 140285), (99, 140288), (118, 140384), (136, 140474), (150, 140546), (151, 140549),

Gene: Bezza_237 Start: 140703, Stop: 141458, Start Num: 14
Candidate Starts for Bezza_237:
(Start: 14 @140703 has 371 MA's), (24, 140778), (46, 140916), (48, 140922), (54, 140955), (57, 140982), (60, 140997), (62, 141018), (77, 141108), (85, 141132), (92, 141153), (93, 141162), (98, 141177), (99, 141180), (118, 141276), (136, 141366), (150, 141438), (151, 141441),

Gene: Bezza_236 Start: 139920, Stop: 140690, Start Num: 14
Candidate Starts for Bezza_236:
(Start: 14 @139920 has 371 MA's), (Start: 19 @139938 has 1 MA's), (Start: 23 @139986 has 1 MA's), (28, 140013), (33, 140049), (45, 140118), (49, 140148), (52, 140163), (54, 140175), (59, 140214), (68, 140268), (71, 140289), (78, 140331), (105, 140427), (110, 140457), (123, 140520), (137, 140589),

Gene: BigCity_256 Start: 142982, Stop: 143752, Start Num: 14
Candidate Starts for BigCity_256:
(Start: 14 @142982 has 371 MA's), (Start: 19 @143000 has 1 MA's), (Start: 23 @143048 has 1 MA's), (28, 143075), (33, 143111), (45, 143180), (49, 143210), (52, 143225), (54, 143237), (59, 143276), (68, 143330), (71, 143351), (78, 143393), (105, 143489), (110, 143519), (123, 143582), (137, 143651),

Gene: BigCity_257 Start: 143765, Stop: 144520, Start Num: 14
Candidate Starts for BigCity_257:
(Start: 14 @143765 has 371 MA's), (24, 143840), (46, 143978), (48, 143984), (54, 144017), (57, 144044), (60, 144059), (62, 144080), (77, 144170), (85, 144194), (92, 144215), (93, 144224), (98, 144239), (99, 144242), (118, 144338), (136, 144428), (150, 144500), (151, 144503),

Gene: Bigswole_253 Start: 142893, Stop: 143663, Start Num: 14
Candidate Starts for Bigswole_253:
(Start: 14 @142893 has 371 MA's), (Start: 19 @142911 has 1 MA's), (Start: 23 @142959 has 1 MA's), (28, 142986), (33, 143022), (45, 143091), (49, 143121), (52, 143136), (54, 143148), (59, 143187), (68, 143241), (71, 143262), (78, 143304), (105, 143400), (110, 143430), (123, 143493), (137, 143562),

Gene: Bigswole_254 Start: 143676, Stop: 144431, Start Num: 14
Candidate Starts for Bigswole_254:
(Start: 14 @143676 has 371 MA's), (24, 143751), (46, 143889), (47, 143892), (48, 143895), (54, 143928), (57, 143955), (60, 143970), (62, 143991), (77, 144081), (92, 144126), (93, 144135), (98, 144150), (99, 144153), (118, 144249), (136, 144339), (150, 144411), (151, 144414),

Gene: Bipolarisk_247 Start: 141893, Stop: 142648, Start Num: 14
Candidate Starts for Bipolarisk_247:
(Start: 14 @141893 has 371 MA's), (24, 141968), (46, 142106), (48, 142112), (54, 142145), (57, 142172), (60, 142187), (62, 142208), (85, 142322), (92, 142343), (93, 142352), (98, 142367), (99, 142370), (118, 142466), (136, 142556), (150, 142628), (151, 142631),

Gene: Bipolarisk_246 Start: 141110, Stop: 141880, Start Num: 14
Candidate Starts for Bipolarisk_246:

(Start: 14 @141110 has 371 MA's), (Start: 19 @141128 has 1 MA's), (Start: 23 @141176 has 1 MA's), (28, 141203), (33, 141239), (45, 141308), (49, 141338), (52, 141353), (54, 141365), (59, 141404), (68, 141458), (71, 141479), (78, 141521), (105, 141617), (110, 141647), (123, 141710), (137, 141779),

Gene: Blackbrain_246 Start: 140678, Stop: 141448, Start Num: 14
Candidate Starts for Blackbrain_246:
(Start: 14 @140678 has 371 MA's), (Start: 19 @140696 has 1 MA's), (Start: 23 @140744 has 1 MA's), (28, 140771), (33, 140807), (45, 140876), (49, 140906), (52, 140921), (54, 140933), (59, 140972), (68, 141026), (71, 141047), (78, 141089), (105, 141185), (110, 141215), (123, 141278), (137, 141347),

Gene: Blackbrain_247 Start: 141461, Stop: 142216, Start Num: 14
Candidate Starts for Blackbrain_247:
(Start: 14 @141461 has 371 MA's), (24, 141536), (46, 141674), (48, 141680), (54, 141713), (57, 141740), (60, 141755), (62, 141776), (85, 141890), (92, 141911), (93, 141920), (98, 141935), (99, 141938), (118, 142034), (136, 142124), (150, 142196), (151, 142199),

Gene: Blackdragon_243 Start: 140675, Stop: 141445, Start Num: 14
Candidate Starts for Blackdragon_243:
(Start: 14 @140675 has 371 MA's), (Start: 19 @140693 has 1 MA's), (Start: 23 @140741 has 1 MA's), (28, 140768), (33, 140804), (45, 140873), (49, 140903), (52, 140918), (54, 140930), (59, 140969), (68, 141023), (71, 141044), (78, 141086), (105, 141182), (110, 141212), (123, 141275),

Gene: Blackdragon_244 Start: 141458, Stop: 142213, Start Num: 14
Candidate Starts for Blackdragon_244:
(Start: 14 @141458 has 371 MA's), (24, 141533), (46, 141671), (48, 141677), (54, 141710), (57, 141737), (60, 141752), (62, 141773), (92, 141908), (93, 141917), (98, 141932), (99, 141935), (111, 141995), (118, 142031), (136, 142121), (150, 142193), (151, 142196),

Gene: Blubba_235 Start: 143854, Stop: 144624, Start Num: 14
Candidate Starts for Blubba_235:
(Start: 14 @143854 has 371 MA's), (Start: 17 @143863 has 5 MA's), (Start: 19 @143872 has 1 MA's), (Start: 23 @143920 has 1 MA's), (28, 143947), (33, 143983), (45, 144052), (49, 144082), (52, 144097), (54, 144109), (59, 144148), (60, 144151), (68, 144202), (71, 144223), (78, 144265), (105, 144361), (110, 144391), (123, 144454), (137, 144523),

Gene: Blubba_236 Start: 144637, Stop: 145392, Start Num: 14
Candidate Starts for Blubba_236:
(Start: 14 @144637 has 371 MA's), (24, 144712), (48, 144856), (54, 144889), (57, 144916), (60, 144931), (62, 144952), (92, 145087), (93, 145096), (98, 145111), (99, 145114), (111, 145174), (118, 145210), (136, 145300), (151, 145375),

Gene: BobaPhatt_240 Start: 140579, Stop: 141334, Start Num: 14
Candidate Starts for BobaPhatt_240:
(Start: 14 @140579 has 371 MA's), (24, 140654), (46, 140792), (48, 140798), (54, 140831), (57, 140858), (60, 140873), (62, 140894), (85, 141008), (92, 141029), (93, 141038), (98, 141053), (99, 141056), (118, 141152), (136, 141242), (150, 141314), (151, 141317),

Gene: BobaPhatt_239 Start: 139796, Stop: 140566, Start Num: 14
Candidate Starts for BobaPhatt_239:
(Start: 14 @139796 has 371 MA's), (Start: 19 @139814 has 1 MA's), (Start: 23 @139862 has 1 MA's), (28, 139889), (33, 139925), (45, 139994), (49, 140024), (52, 140039), (54, 140051), (59, 140090), (68, 140144), (71, 140165), (78, 140207), (105, 140303), (110, 140333), (123, 140396), (137, 140465),

Gene: Bonray_250 Start: 142478, Stop: 143248, Start Num: 14
Candidate Starts for Bonray_250:
(Start: 14 @142478 has 371 MA's), (Start: 19 @142496 has 1 MA's), (Start: 23 @142544 has 1 MA's), (28, 142571), (33, 142607), (45, 142676), (49, 142706), (52, 142721), (54, 142733), (59, 142772), (68, 142826), (71, 142847), (78, 142889), (105, 142985), (110, 143015), (123, 143078), (137, 143147),

Gene: Bonray_251 Start: 143261, Stop: 144016, Start Num: 14
Candidate Starts for Bonray_251:
(Start: 14 @143261 has 371 MA's), (24, 143336), (46, 143474), (48, 143480), (54, 143513), (57, 143540), (60, 143555), (62, 143576), (77, 143666), (85, 143690), (92, 143711), (93, 143720), (98, 143735), (99, 143738), (118, 143834), (136, 143924), (150, 143996), (151, 143999),

Gene: Bowman_246 Start: 142376, Stop: 143131, Start Num: 14
Candidate Starts for Bowman_246:
(Start: 14 @142376 has 371 MA's), (24, 142451), (46, 142589), (47, 142592), (48, 142595), (54, 142628), (57, 142655), (60, 142670), (62, 142691), (85, 142805), (92, 142826), (93, 142835), (98, 142850), (99, 142853), (118, 142949), (136, 143039), (150, 143111), (151, 143114),

Gene: Bowman_245 Start: 141593, Stop: 142363, Start Num: 14
Candidate Starts for Bowman_245:
(Start: 14 @141593 has 371 MA's), (Start: 19 @141611 has 1 MA's), (Start: 23 @141659 has 1 MA's), (28, 141686), (33, 141722), (45, 141791), (49, 141821), (52, 141836), (54, 141848), (59, 141887), (68, 141941), (71, 141962), (78, 142004), (105, 142100), (110, 142130), (123, 142193), (137, 142262),

Gene: Bread_244 Start: 140445, Stop: 141215, Start Num: 14
Candidate Starts for Bread_244:
(Start: 14 @140445 has 371 MA's), (Start: 19 @140463 has 1 MA's), (Start: 23 @140511 has 1 MA's), (28, 140538), (33, 140574), (45, 140643), (49, 140673), (52, 140688), (54, 140700), (59, 140739), (68, 140793), (71, 140814), (78, 140856), (105, 140952), (110, 140982), (123, 141045), (137, 141114),

Gene: Bread_245 Start: 141228, Stop: 141983, Start Num: 14
Candidate Starts for Bread_245:
(Start: 14 @141228 has 371 MA's), (24, 141303), (46, 141441), (48, 141447), (54, 141480), (57, 141507), (60, 141522), (62, 141543), (77, 141633), (85, 141657), (92, 141678), (93, 141687), (98, 141702), (99, 141705), (118, 141801), (136, 141891), (150, 141963), (151, 141966),

Gene: Breeniome_248 Start: 139882, Stop: 140652, Start Num: 14
Candidate Starts for Breeniome_248:
(Start: 14 @139882 has 371 MA's), (Start: 19 @139900 has 1 MA's), (Start: 23 @139948 has 1 MA's), (28, 139975), (33, 140011), (45, 140080), (49, 140110), (52, 140125), (54, 140137), (59, 140176), (68, 140230), (71, 140251), (78, 140293), (105, 140389), (110, 140419), (123, 140482), (137, 140551),

Gene: Breeniome_249 Start: 140665, Stop: 141420, Start Num: 14
Candidate Starts for Breeniome_249:
(Start: 14 @140665 has 371 MA's), (24, 140740), (46, 140878), (48, 140884), (54, 140917), (57, 140944), (60, 140959), (62, 140980), (85, 141094), (92, 141115), (93, 141124), (98, 141139), (99, 141142), (118, 141238), (136, 141328), (150, 141400), (151, 141403),

Gene: Burrough_249 Start: 142255, Stop: 143025, Start Num: 14
Candidate Starts for Burrough_249:
(Start: 14 @142255 has 371 MA's), (Start: 19 @142273 has 1 MA's), (Start: 23 @142321 has 1 MA's), (28, 142348), (33, 142384), (45, 142453), (49, 142483), (52, 142498), (54, 142510), (59, 142549), (68, 142603), (71, 142624), (78, 142666), (105, 142762), (110, 142792), (123, 142855), (137, 142924),

Gene: Burrough_250 Start: 143038, Stop: 143793, Start Num: 14
Candidate Starts for Burrough_250:
(Start: 14 @143038 has 371 MA's), (24, 143113), (46, 143251), (48, 143257), (54, 143290), (57, 143317), (60, 143332), (62, 143353), (85, 143467), (92, 143488), (93, 143497), (98, 143512), (99, 143515), (118, 143611), (136, 143701), (150, 143773), (151, 143776),

Gene: Bxz1_235 Start: 143242, Stop: 143997, Start Num: 14
Candidate Starts for Bxz1_235:
(Start: 14 @143242 has 371 MA's), (24, 143317), (46, 143455), (48, 143461), (54, 143494), (57, 143521), (60, 143536), (62, 143557), (85, 143671), (92, 143692), (93, 143701), (98, 143716), (99, 143719), (118, 143815), (136, 143905), (150, 143977), (151, 143980),

Gene: Bxz1_234 Start: 142459, Stop: 143229, Start Num: 14
Candidate Starts for Bxz1_234:
(Start: 14 @142459 has 371 MA's), (Start: 19 @142477 has 1 MA's), (Start: 23 @142525 has 1 MA's), (28, 142552), (33, 142588), (45, 142657), (49, 142687), (52, 142702), (54, 142714), (59, 142753), (68, 142807), (71, 142828), (78, 142870), (105, 142966), (110, 142996), (123, 143059), (137, 143128),

Gene: Cactojaque_242 Start: 139624, Stop: 140394, Start Num: 14
Candidate Starts for Cactojaque_242:
(Start: 14 @139624 has 371 MA's), (Start: 19 @139642 has 1 MA's), (Start: 23 @139690 has 1 MA's), (28, 139717), (33, 139753), (45, 139822), (49, 139852), (52, 139867), (54, 139879), (59, 139918), (68, 139972), (71, 139993), (78, 140035), (105, 140131), (110, 140161), (123, 140224), (137, 140293),

Gene: Cactojaque_243 Start: 140407, Stop: 141162, Start Num: 14
Candidate Starts for Cactojaque_243:
(Start: 14 @140407 has 371 MA's), (24, 140482), (46, 140620), (48, 140626), (54, 140659), (57, 140686), (60, 140701), (62, 140722), (85, 140836), (92, 140857), (93, 140866), (98, 140881), (99, 140884), (118, 140980), (136, 141070), (150, 141142), (151, 141145),

Gene: Cali_239 Start: 141635, Stop: 142390, Start Num: 14
Candidate Starts for Cali_239:
(Start: 14 @141635 has 371 MA's), (24, 141710), (46, 141848), (48, 141854), (54, 141887), (57, 141914), (60, 141929), (62, 141950), (92, 142085), (93, 142094), (98, 142109), (99, 142112), (111, 142172), (118, 142208), (136, 142298), (150, 142370), (151, 142373),

Gene: Cali_238 Start: 140852, Stop: 141622, Start Num: 14
Candidate Starts for Cali_238:
(Start: 14 @140852 has 371 MA's), (Start: 19 @140870 has 1 MA's), (Start: 23 @140918 has 1 MA's), (28, 140945), (33, 140981), (45, 141050), (49, 141080), (52, 141095), (54, 141107), (59, 141146), (68, 141200), (71, 141221), (78, 141263), (105, 141359), (110, 141389), (123, 141452), (137, 141521),

Gene: Cane17_238 Start: 145046, Stop: 145801, Start Num: 14
Candidate Starts for Cane17_238:
(Start: 14 @145046 has 371 MA's), (24, 145121), (48, 145265), (54, 145298), (57, 145325), (60, 145340), (62, 145361), (92, 145496), (93, 145505), (98, 145520), (99, 145523), (111, 145583), (118, 145619), (136, 145709), (151, 145784),

Gene: Cane17_237 Start: 144263, Stop: 145033, Start Num: 14
Candidate Starts for Cane17_237:
(Start: 14 @144263 has 371 MA's), (Start: 17 @144272 has 5 MA's), (Start: 19 @144281 has 1 MA's), (Start: 23 @144329 has 1 MA's), (28, 144356), (33, 144392), (45, 144461), (49, 144491), (52, 144506),

(54, 144518), (59, 144557), (60, 144560), (68, 144611), (71, 144632), (78, 144674), (105, 144770), (110, 144800), (123, 144863), (137, 144932),

Gene: Capablanca_253 Start: 143106, Stop: 143876, Start Num: 14
Candidate Starts for Capablanca_253:
(Start: 14 @143106 has 371 MA's), (Start: 19 @143124 has 1 MA's), (Start: 23 @143172 has 1 MA's), (28, 143199), (33, 143235), (45, 143304), (49, 143334), (52, 143349), (54, 143361), (59, 143400), (68, 143454), (71, 143475), (78, 143517), (105, 143613), (110, 143643), (123, 143706), (137, 143775),

Gene: Capablanca_254 Start: 143889, Stop: 144644, Start Num: 14
Candidate Starts for Capablanca_254:
(Start: 14 @143889 has 371 MA's), (24, 143964), (46, 144102), (48, 144108), (54, 144141), (57, 144168), (60, 144183), (62, 144204), (85, 144318), (92, 144339), (93, 144348), (98, 144363), (99, 144366), (118, 144462), (136, 144552), (150, 144624), (151, 144627),

Gene: Caravan_239 Start: 141939, Stop: 142694, Start Num: 14
Candidate Starts for Caravan_239:
(Start: 14 @141939 has 371 MA's), (24, 142014), (46, 142152), (48, 142158), (54, 142191), (57, 142218), (60, 142233), (62, 142254), (85, 142368), (92, 142389), (93, 142398), (98, 142413), (99, 142416), (118, 142512), (136, 142602), (150, 142674), (151, 142677),

Gene: Caravan_238 Start: 141156, Stop: 141926, Start Num: 14
Candidate Starts for Caravan_238:
(Start: 14 @141156 has 371 MA's), (Start: 17 @141165 has 5 MA's), (Start: 19 @141174 has 1 MA's), (Start: 23 @141222 has 1 MA's), (28, 141249), (33, 141285), (45, 141354), (49, 141384), (52, 141399), (54, 141411), (59, 141450), (68, 141504), (71, 141525), (78, 141567), (105, 141663), (110, 141693), (137, 141825), (142, 141849),

Gene: Catera_237 Start: 139595, Stop: 140365, Start Num: 14
Candidate Starts for Catera_237:
(Start: 14 @139595 has 371 MA's), (Start: 19 @139613 has 1 MA's), (Start: 23 @139661 has 1 MA's), (28, 139688), (33, 139724), (45, 139793), (49, 139823), (52, 139838), (54, 139850), (59, 139889), (68, 139943), (71, 139964), (78, 140006), (105, 140102), (110, 140132), (123, 140195), (137, 140264),

Gene: Catera_238 Start: 140378, Stop: 141133, Start Num: 14
Candidate Starts for Catera_238:
(Start: 14 @140378 has 371 MA's), (24, 140453), (46, 140591), (48, 140597), (54, 140630), (57, 140657), (60, 140672), (62, 140693), (85, 140807), (92, 140828), (93, 140837), (98, 140852), (99, 140855), (118, 140951), (136, 141041), (150, 141113), (151, 141116),

Gene: Chargie21_246 Start: 139684, Stop: 140439, Start Num: 14
Candidate Starts for Chargie21_246:
(Start: 14 @139684 has 371 MA's), (24, 139759), (46, 139897), (48, 139903), (54, 139936), (57, 139963), (60, 139978), (62, 139999), (85, 140113), (92, 140134), (93, 140143), (98, 140158), (99, 140161), (118, 140257), (136, 140347), (150, 140419), (151, 140422),

Gene: Chargie21_245 Start: 138901, Stop: 139671, Start Num: 14
Candidate Starts for Chargie21_245:
(Start: 14 @138901 has 371 MA's), (Start: 19 @138919 has 1 MA's), (Start: 23 @138967 has 1 MA's), (28, 138994), (33, 139030), (45, 139099), (49, 139129), (52, 139144), (54, 139156), (59, 139195), (68, 139249), (71, 139270), (78, 139312), (105, 139408), (110, 139438), (123, 139501), (137, 139570),

Gene: CharlieB_243 Start: 140618, Stop: 141388, Start Num: 14

Candidate Starts for CharlieB_243:
(Start: 14 @140618 has 371 MA's), (Start: 19 @140636 has 1 MA's), (Start: 23 @140684 has 1 MA's), (28, 140711), (33, 140747), (45, 140816), (49, 140846), (52, 140861), (54, 140873), (59, 140912), (68, 140966), (71, 140987), (78, 141029), (105, 141125), (110, 141155), (123, 141218), (137, 141287),

Gene: CharlieB_244 Start: 141401, Stop: 142156, Start Num: 14
Candidate Starts for CharlieB_244:
(Start: 14 @141401 has 371 MA's), (24, 141476), (46, 141614), (48, 141620), (54, 141653), (57, 141680), (60, 141695), (62, 141716), (92, 141851), (93, 141860), (98, 141875), (99, 141878), (111, 141938), (118, 141974), (136, 142064), (150, 142136), (151, 142139),

Gene: ChaylaJr_247 Start: 140292, Stop: 141062, Start Num: 14
Candidate Starts for ChaylaJr_247:
(Start: 14 @140292 has 371 MA's), (Start: 19 @140310 has 1 MA's), (Start: 23 @140358 has 1 MA's), (28, 140385), (33, 140421), (45, 140490), (49, 140520), (52, 140535), (54, 140547), (59, 140586), (68, 140640), (71, 140661), (78, 140703), (105, 140799), (110, 140829), (123, 140892), (137, 140961),

Gene: ChaylaJr_248 Start: 141075, Stop: 141830, Start Num: 14
Candidate Starts for ChaylaJr_248:
(Start: 14 @141075 has 371 MA's), (24, 141150), (46, 141288), (48, 141294), (54, 141327), (57, 141354), (60, 141369), (62, 141390), (85, 141504), (92, 141525), (93, 141534), (98, 141549), (99, 141552), (118, 141648), (136, 141738), (150, 141810), (151, 141813),

Gene: CherryTomatoes_171 Start: 123955, Stop: 124713, Start Num: 14
Candidate Starts for CherryTomatoes_171:
(Start: 14 @123955 has 371 MA's), (16, 123961), (32, 124072), (36, 124093), (53, 124198), (54, 124207), (62, 124270), (63, 124273), (69, 124303), (76, 124336), (80, 124366), (87, 124390), (88, 124393), (89, 124396), (101, 124441), (113, 124498), (120, 124537), (122, 124546), (126, 124564), (150, 124693),

Gene: CherryTomatoes_170 Start: 123187, Stop: 123942, Start Num: 17
Candidate Starts for CherryTomatoes_170:
(Start: 17 @123187 has 5 MA's), (21, 123232), (22, 123235), (32, 123304), (54, 123439), (79, 123592), (87, 123619), (90, 123628), (93, 123640), (110, 123718), (114, 123739), (122, 123775),

Gene: ChickenPhender_245 Start: 139831, Stop: 140586, Start Num: 14
Candidate Starts for ChickenPhender_245:
(Start: 14 @139831 has 371 MA's), (24, 139906), (46, 140044), (48, 140050), (54, 140083), (57, 140110), (60, 140125), (62, 140146), (85, 140260), (92, 140281), (93, 140290), (98, 140305), (99, 140308), (118, 140404), (136, 140494), (150, 140566), (151, 140569),

Gene: ChickenPhender_244 Start: 139048, Stop: 139818, Start Num: 14
Candidate Starts for ChickenPhender_244:
(Start: 14 @139048 has 371 MA's), (Start: 19 @139066 has 1 MA's), (Start: 23 @139114 has 1 MA's), (28, 139141), (33, 139177), (45, 139246), (49, 139276), (52, 139291), (54, 139303), (59, 139342), (68, 139396), (71, 139417), (78, 139459), (105, 139555), (110, 139585), (123, 139648), (137, 139717),

Gene: Chomp_248 Start: 143267, Stop: 144022, Start Num: 14
Candidate Starts for Chomp_248:
(Start: 14 @143267 has 371 MA's), (24, 143342), (46, 143480), (48, 143486), (54, 143519), (57, 143546), (60, 143561), (62, 143582), (85, 143696), (92, 143717), (93, 143726), (98, 143741), (99, 143744), (118, 143840), (136, 143930), (150, 144002), (151, 144005),

Gene: Chomp_247 Start: 142484, Stop: 143254, Start Num: 14
Candidate Starts for Chomp_247:
(Start: 14 @142484 has 371 MA's), (Start: 19 @142502 has 1 MA's), (Start: 23 @142550 has 1 MA's), (28, 142577), (33, 142613), (45, 142682), (49, 142712), (52, 142727), (54, 142739), (59, 142778), (68, 142832), (71, 142853), (78, 142895), (105, 142991), (110, 143021), (123, 143084), (137, 143153),

Gene: CindyLou_249 Start: 142744, Stop: 143514, Start Num: 14
Candidate Starts for CindyLou_249:
(Start: 14 @142744 has 371 MA's), (Start: 19 @142762 has 1 MA's), (Start: 23 @142810 has 1 MA's), (28, 142837), (33, 142873), (45, 142942), (49, 142972), (52, 142987), (54, 142999), (59, 143038), (68, 143092), (71, 143113), (78, 143155), (105, 143251), (110, 143281), (123, 143344), (137, 143413),

Gene: CindyLou_250 Start: 143527, Stop: 144282, Start Num: 14
Candidate Starts for CindyLou_250:
(Start: 14 @143527 has 371 MA's), (24, 143602), (46, 143740), (48, 143746), (54, 143779), (57, 143806), (60, 143821), (62, 143842), (92, 143977), (93, 143986), (98, 144001), (99, 144004), (118, 144100), (136, 144190), (150, 144262), (151, 144265),

Gene: Cleatunium_241 Start: 141088, Stop: 141843, Start Num: 14
Candidate Starts for Cleatunium_241:
(Start: 14 @141088 has 371 MA's), (24, 141163), (46, 141301), (48, 141307), (54, 141340), (57, 141367), (60, 141382), (62, 141403), (85, 141517), (92, 141538), (93, 141547), (98, 141562), (99, 141565), (118, 141661), (136, 141751), (150, 141823), (151, 141826),

Gene: Cleatunium_240 Start: 140305, Stop: 141075, Start Num: 14
Candidate Starts for Cleatunium_240:
(Start: 14 @140305 has 371 MA's), (Start: 19 @140323 has 1 MA's), (Start: 23 @140371 has 1 MA's), (28, 140398), (33, 140434), (45, 140503), (49, 140533), (52, 140548), (54, 140560), (59, 140599), (68, 140653), (71, 140674), (78, 140716), (105, 140812), (110, 140842), (123, 140905), (137, 140974),

Gene: Colt_238 Start: 143455, Stop: 144225, Start Num: 14
Candidate Starts for Colt_238:
(Start: 14 @143455 has 371 MA's), (Start: 17 @143464 has 5 MA's), (Start: 19 @143473 has 1 MA's), (Start: 23 @143521 has 1 MA's), (28, 143548), (33, 143584), (45, 143653), (49, 143683), (52, 143698), (54, 143710), (59, 143749), (60, 143752), (68, 143803), (71, 143824), (78, 143866), (105, 143962), (110, 143992), (123, 144055), (137, 144124),

Gene: Colt_239 Start: 144238, Stop: 144993, Start Num: 14
Candidate Starts for Colt_239:
(Start: 14 @144238 has 371 MA's), (24, 144313), (48, 144457), (54, 144490), (57, 144517), (60, 144532), (62, 144553), (92, 144688), (93, 144697), (98, 144712), (99, 144715), (111, 144775), (118, 144811), (136, 144901), (151, 144976),

Gene: Concombre_253 Start: 142640, Stop: 143410, Start Num: 14
Candidate Starts for Concombre_253:
(Start: 14 @142640 has 371 MA's), (Start: 19 @142658 has 1 MA's), (Start: 23 @142706 has 1 MA's), (28, 142733), (33, 142769), (45, 142838), (49, 142868), (52, 142883), (54, 142895), (59, 142934), (68, 142988), (71, 143009), (78, 143051), (105, 143147), (110, 143177), (123, 143240), (137, 143309),

Gene: Concombre_254 Start: 143423, Stop: 144178, Start Num: 14
Candidate Starts for Concombre_254:
(Start: 14 @143423 has 371 MA's), (24, 143498), (46, 143636), (48, 143642), (54, 143675), (57, 143702), (60, 143717), (62, 143738), (85, 143852), (92, 143873), (93, 143882), (98, 143897), (99,

143900), (118, 143996), (136, 144086), (150, 144158), (151, 144161),

Gene: DTDevon_249 Start: 143123, Stop: 143893, Start Num: 14
Candidate Starts for DTDevon_249:
(Start: 14 @143123 has 371 MA's), (Start: 19 @143141 has 1 MA's), (Start: 23 @143189 has 1 MA's), (28, 143216), (33, 143252), (45, 143321), (49, 143351), (52, 143366), (54, 143378), (59, 143417), (68, 143471), (71, 143492), (78, 143534), (105, 143630), (110, 143660), (123, 143723), (137, 143792),

Gene: DTDevon_250 Start: 143906, Stop: 144661, Start Num: 14
Candidate Starts for DTDevon_250:
(Start: 14 @143906 has 371 MA's), (24, 143981), (46, 144119), (48, 144125), (54, 144158), (57, 144185), (60, 144200), (62, 144221), (85, 144335), (92, 144356), (93, 144365), (98, 144380), (99, 144383), (118, 144479), (136, 144569), (150, 144641), (151, 144644),

Gene: Daffodil_254 Start: 141410, Stop: 142180, Start Num: 14
Candidate Starts for Daffodil_254:
(Start: 14 @141410 has 371 MA's), (Start: 19 @141428 has 1 MA's), (Start: 23 @141476 has 1 MA's), (28, 141503), (33, 141539), (45, 141608), (49, 141638), (52, 141653), (54, 141665), (59, 141704), (68, 141758), (71, 141779), (78, 141821), (105, 141917), (110, 141947), (123, 142010), (137, 142079),

Gene: Daffodil_255 Start: 142193, Stop: 142948, Start Num: 14
Candidate Starts for Daffodil_255:
(Start: 14 @142193 has 371 MA's), (24, 142268), (46, 142406), (48, 142412), (54, 142445), (57, 142472), (60, 142487), (62, 142508), (85, 142622), (92, 142643), (93, 142652), (98, 142667), (99, 142670), (118, 142766), (136, 142856), (150, 142928), (151, 142931),

Gene: Dandelion_254 Start: 143944, Stop: 144714, Start Num: 14
Candidate Starts for Dandelion_254:
(Start: 14 @143944 has 371 MA's), (Start: 19 @143962 has 1 MA's), (Start: 23 @144010 has 1 MA's), (28, 144037), (33, 144073), (45, 144142), (49, 144172), (52, 144187), (54, 144199), (59, 144238), (68, 144292), (71, 144313), (78, 144355), (105, 144451), (110, 144481), (123, 144544), (137, 144613),

Gene: Dandelion_255 Start: 144727, Stop: 145482, Start Num: 14
Candidate Starts for Dandelion_255:
(Start: 14 @144727 has 371 MA's), (24, 144802), (46, 144940), (48, 144946), (54, 144979), (57, 145006), (60, 145021), (62, 145042), (85, 145156), (92, 145177), (93, 145186), (98, 145201), (99, 145204), (118, 145300), (136, 145390), (150, 145462), (151, 145465),

Gene: Darko_248 Start: 141402, Stop: 142157, Start Num: 14
Candidate Starts for Darko_248:
(Start: 14 @141402 has 371 MA's), (24, 141477), (46, 141615), (48, 141621), (54, 141654), (57, 141681), (60, 141696), (62, 141717), (85, 141831), (92, 141852), (93, 141861), (98, 141876), (99, 141879), (118, 141975), (136, 142065), (150, 142137), (151, 142140),

Gene: Darko_247 Start: 140619, Stop: 141389, Start Num: 14
Candidate Starts for Darko_247:
(Start: 14 @140619 has 371 MA's), (Start: 19 @140637 has 1 MA's), (Start: 23 @140685 has 1 MA's), (28, 140712), (33, 140748), (45, 140817), (49, 140847), (52, 140862), (54, 140874), (59, 140913), (68, 140967), (71, 140988), (78, 141030), (105, 141126), (110, 141156), (123, 141219), (137, 141288),

Gene: DeejaClivia_235 Start: 138811, Stop: 139581, Start Num: 14
Candidate Starts for DeejaClivia_235:

(Start: 14 @138811 has 371 MA's), (Start: 19 @138829 has 1 MA's), (Start: 23 @138877 has 1 MA's), (28, 138904), (33, 138940), (45, 139009), (49, 139039), (52, 139054), (54, 139066), (59, 139105), (68, 139159), (71, 139180), (78, 139222), (105, 139318), (110, 139348),

Gene: DeejaClivia_236 Start: 139594, Stop: 140349, Start Num: 14
Candidate Starts for DeejaClivia_236:
(Start: 14 @139594 has 371 MA's), (24, 139669), (48, 139813), (54, 139846), (57, 139873), (60, 139888), (62, 139909), (92, 140044), (93, 140053), (98, 140068), (99, 140071), (111, 140131), (118, 140167), (136, 140257), (151, 140332),

Gene: Delilah_247 Start: 142286, Stop: 143041, Start Num: 14
Candidate Starts for Delilah_247:
(Start: 14 @142286 has 371 MA's), (24, 142361), (46, 142499), (48, 142505), (54, 142538), (57, 142565), (60, 142580), (62, 142601), (85, 142715), (92, 142736), (93, 142745), (98, 142760), (99, 142763), (118, 142859), (136, 142949), (150, 143021), (151, 143024),

Gene: Delilah_246 Start: 141503, Stop: 142273, Start Num: 14
Candidate Starts for Delilah_246:
(Start: 14 @141503 has 371 MA's), (Start: 19 @141521 has 1 MA's), (Start: 23 @141569 has 1 MA's), (28, 141596), (33, 141632), (45, 141701), (49, 141731), (52, 141746), (54, 141758), (59, 141797), (68, 141851), (71, 141872), (78, 141914), (105, 142010), (110, 142040), (123, 142103), (137, 142172),

Gene: Delylah_251 Start: 142563, Stop: 143318, Start Num: 14
Candidate Starts for Delylah_251:
(Start: 14 @142563 has 371 MA's), (24, 142638), (46, 142776), (48, 142782), (54, 142815), (57, 142842), (60, 142857), (62, 142878), (85, 142992), (92, 143013), (93, 143022), (98, 143037), (99, 143040), (118, 143136), (136, 143226), (150, 143298), (151, 143301),

Gene: Delylah_250 Start: 141780, Stop: 142550, Start Num: 14
Candidate Starts for Delylah_250:
(Start: 14 @141780 has 371 MA's), (Start: 17 @141789 has 5 MA's), (Start: 19 @141798 has 1 MA's), (Start: 23 @141846 has 1 MA's), (28, 141873), (33, 141909), (45, 141978), (49, 142008), (52, 142023), (54, 142035), (59, 142074), (68, 142128), (71, 142149), (78, 142191), (105, 142287), (110, 142317), (137, 142449), (142, 142473),

Gene: Demodog_254 Start: 142650, Stop: 143420, Start Num: 14
Candidate Starts for Demodog_254:
(Start: 14 @142650 has 371 MA's), (Start: 19 @142668 has 1 MA's), (Start: 23 @142716 has 1 MA's), (28, 142743), (33, 142779), (45, 142848), (49, 142878), (52, 142893), (54, 142905), (59, 142944), (68, 142998), (71, 143019), (78, 143061), (105, 143157), (110, 143187), (123, 143250), (137, 143319),

Gene: Demodog_255 Start: 143433, Stop: 144188, Start Num: 14
Candidate Starts for Demodog_255:
(Start: 14 @143433 has 371 MA's), (24, 143508), (46, 143646), (48, 143652), (54, 143685), (57, 143712), (60, 143727), (62, 143748), (85, 143862), (92, 143883), (93, 143892), (98, 143907), (99, 143910), (118, 144006), (136, 144096), (150, 144168), (151, 144171),

Gene: Derek_244 Start: 141761, Stop: 142531, Start Num: 14
Candidate Starts for Derek_244:
(Start: 14 @141761 has 371 MA's), (Start: 19 @141779 has 1 MA's), (Start: 23 @141827 has 1 MA's), (28, 141854), (33, 141890), (45, 141959), (49, 141989), (52, 142004), (54, 142016), (59, 142055), (68, 142109), (71, 142130), (78, 142172), (105, 142268), (110, 142298), (123, 142361), (137, 142430),

Gene: Derek_245 Start: 142544, Stop: 143299, Start Num: 14
Candidate Starts for Derek_245:
(Start: 14 @142544 has 371 MA's), (24, 142619), (46, 142757), (48, 142763), (54, 142796), (57, 142823), (60, 142838), (62, 142859), (85, 142973), (92, 142994), (93, 143003), (98, 143018), (99, 143021), (118, 143117), (136, 143207), (150, 143279), (151, 143282),

Gene: Dessert_245 Start: 140760, Stop: 141530, Start Num: 14
Candidate Starts for Dessert_245:
(Start: 14 @140760 has 371 MA's), (Start: 19 @140778 has 1 MA's), (Start: 23 @140826 has 1 MA's), (28, 140853), (33, 140889), (45, 140958), (49, 140988), (52, 141003), (54, 141015), (59, 141054), (68, 141108), (71, 141129), (78, 141171), (105, 141267), (110, 141297), (123, 141360), (137, 141429),

Gene: Dessert_246 Start: 141543, Stop: 142298, Start Num: 14
Candidate Starts for Dessert_246:
(Start: 14 @141543 has 371 MA's), (24, 141618), (46, 141756), (48, 141762), (54, 141795), (57, 141822), (60, 141837), (62, 141858), (85, 141972), (92, 141993), (93, 142002), (98, 142017), (99, 142020), (118, 142116), (136, 142206), (150, 142278), (151, 142281),

Gene: Dietrick_238 Start: 140407, Stop: 141162, Start Num: 14
Candidate Starts for Dietrick_238:
(Start: 14 @140407 has 371 MA's), (24, 140482), (46, 140620), (48, 140626), (54, 140659), (57, 140686), (60, 140701), (62, 140722), (85, 140836), (92, 140857), (93, 140866), (98, 140881), (99, 140884), (118, 140980), (136, 141070), (150, 141142), (151, 141145),

Gene: Dietrick_237 Start: 139624, Stop: 140394, Start Num: 14
Candidate Starts for Dietrick_237:
(Start: 14 @139624 has 371 MA's), (Start: 19 @139642 has 1 MA's), (Start: 23 @139690 has 1 MA's), (28, 139717), (33, 139753), (45, 139822), (49, 139852), (52, 139867), (54, 139879), (59, 139918), (68, 139972), (71, 139993), (78, 140035), (105, 140131), (110, 140161), (123, 140224), (137, 140293),

Gene: DirtMonster_237 Start: 140356, Stop: 141126, Start Num: 14
Candidate Starts for DirtMonster_237:
(Start: 14 @140356 has 371 MA's), (Start: 19 @140374 has 1 MA's), (Start: 23 @140422 has 1 MA's), (28, 140449), (33, 140485), (45, 140554), (49, 140584), (52, 140599), (54, 140611), (59, 140650), (68, 140704), (71, 140725), (78, 140767), (105, 140863), (110, 140893), (123, 140956), (137, 141025),

Gene: DirtMonster_238 Start: 141139, Stop: 141894, Start Num: 14
Candidate Starts for DirtMonster_238:
(Start: 14 @141139 has 371 MA's), (24, 141214), (46, 141352), (48, 141358), (54, 141391), (57, 141418), (60, 141433), (62, 141454), (92, 141589), (93, 141598), (98, 141613), (99, 141616), (111, 141676), (118, 141712), (136, 141802), (150, 141874), (151, 141877),

Gene: Domi_243 Start: 141746, Stop: 142501, Start Num: 14
Candidate Starts for Domi_243:
(Start: 14 @141746 has 371 MA's), (24, 141821), (46, 141959), (48, 141965), (54, 141998), (57, 142025), (60, 142040), (62, 142061), (85, 142175), (92, 142196), (93, 142205), (98, 142220), (99, 142223), (118, 142319), (136, 142409), (150, 142481), (151, 142484),

Gene: Domi_242 Start: 140963, Stop: 141733, Start Num: 14
Candidate Starts for Domi_242:
(Start: 14 @140963 has 371 MA's), (Start: 19 @140981 has 1 MA's), (Start: 23 @141029 has 1 MA's), (28, 141056), (33, 141092), (45, 141161), (49, 141191), (52, 141206), (54, 141218), (59, 141257), (68, 141311), (71, 141332), (78, 141374), (105, 141470), (110, 141500), (123, 141563), (137, 141632),

Gene: DrPhinkDaddy_246 Start: 142971, Stop: 143726, Start Num: 14
Candidate Starts for DrPhinkDaddy_246:
(Start: 14 @142971 has 371 MA's), (24, 143046), (46, 143184), (48, 143190), (54, 143223), (57, 143250), (60, 143265), (62, 143286), (85, 143400), (92, 143421), (93, 143430), (98, 143445), (99, 143448), (118, 143544), (136, 143634), (150, 143706), (151, 143709),

Gene: DrPhinkDaddy_245 Start: 142188, Stop: 142958, Start Num: 14
Candidate Starts for DrPhinkDaddy_245:
(Start: 14 @142188 has 371 MA's), (Start: 19 @142206 has 1 MA's), (Start: 23 @142254 has 1 MA's), (28, 142281), (33, 142317), (45, 142386), (49, 142416), (52, 142431), (54, 142443), (59, 142482), (68, 142536), (71, 142557), (78, 142599), (105, 142695), (110, 142725), (123, 142788), (137, 142857),

Gene: Drazdys_246 Start: 142551, Stop: 143306, Start Num: 14
Candidate Starts for Drazdys_246:
(Start: 14 @142551 has 371 MA's), (24, 142626), (46, 142764), (48, 142770), (54, 142803), (57, 142830), (60, 142845), (62, 142866), (85, 142980), (92, 143001), (93, 143010), (98, 143025), (99, 143028), (118, 143124), (136, 143214), (150, 143286), (151, 143289),

Gene: Drazdys_245 Start: 141768, Stop: 142538, Start Num: 14
Candidate Starts for Drazdys_245:
(Start: 14 @141768 has 371 MA's), (Start: 19 @141786 has 1 MA's), (Start: 23 @141834 has 1 MA's), (28, 141861), (33, 141897), (45, 141966), (49, 141996), (52, 142011), (54, 142023), (59, 142062), (68, 142116), (71, 142137), (78, 142179), (105, 142275), (110, 142305), (123, 142368), (137, 142437),

Gene: Duckfeet_243 Start: 141319, Stop: 142074, Start Num: 14
Candidate Starts for Duckfeet_243:
(Start: 14 @141319 has 371 MA's), (24, 141394), (46, 141532), (48, 141538), (54, 141571), (57, 141598), (60, 141613), (62, 141634), (63, 141637), (92, 141769), (93, 141778), (98, 141793), (99, 141796), (111, 141856), (118, 141892), (136, 141982), (151, 142057),

Gene: Duckfeet_242 Start: 140536, Stop: 141306, Start Num: 14
Candidate Starts for Duckfeet_242:
(Start: 14 @140536 has 371 MA's), (Start: 19 @140554 has 1 MA's), (Start: 23 @140602 has 1 MA's), (28, 140629), (33, 140665), (45, 140734), (49, 140764), (52, 140779), (54, 140791), (59, 140830), (68, 140884), (71, 140905), (78, 140947), (105, 141043), (110, 141073), (123, 141136), (137, 141205),

Gene: E3_gp208 Start: 140968, Stop: 141756, Start Num: 9
Candidate Starts for E3_gp208:
(9, 140968), (11, 140992), (20, 141043), (25, 141097), (32, 141133), (40, 141184), (43, 141193), (66, 141325), (74, 141376), (83, 141424), (97, 141472), (112, 141541), (139, 141673),

Gene: E3_gp207 Start: 140203, Stop: 140958, Start Num: 14
Candidate Starts for E3_gp207:
(Start: 14 @140203 has 371 MA's), (30, 140317), (32, 140332), (35, 140356), (58, 140515), (82, 140656), (86, 140659), (96, 140689), (106, 140746), (116, 140788), (117, 140791), (118, 140794), (123, 140821), (129, 140845), (134, 140884),

Gene: E3_gp209 Start: 141769, Stop: 142551, Start Num: 14
Candidate Starts for E3_gp209:
(Start: 14 @141769 has 371 MA's), (Start: 23 @141835 has 1 MA's), (39, 141943), (41, 141952), (59, 142081), (73, 142168), (104, 142297), (107, 142321), (118, 142366), (121, 142381), (122, 142384), (132, 142450), (143, 142489), (148, 142522), (149, 142528),

Gene: ET08_234 Start: 140063, Stop: 140833, Start Num: 14
Candidate Starts for ET08_234:
(Start: 14 @140063 has 371 MA's), (Start: 19 @140081 has 1 MA's), (Start: 23 @140129 has 1 MA's), (28, 140156), (33, 140192), (45, 140261), (49, 140291), (52, 140306), (54, 140318), (59, 140357), (68, 140411), (71, 140432), (78, 140474), (105, 140570), (110, 140600), (123, 140663), (137, 140732),

Gene: ET08_235 Start: 140846, Stop: 141601, Start Num: 14
Candidate Starts for ET08_235:
(Start: 14 @140846 has 371 MA's), (24, 140921), (46, 141059), (48, 141065), (54, 141098), (57, 141125), (60, 141140), (62, 141161), (63, 141164), (92, 141296), (93, 141305), (98, 141320), (99, 141323), (111, 141383), (118, 141419), (136, 141509), (151, 141584),

Gene: EasyJones_250 Start: 140927, Stop: 141682, Start Num: 14
Candidate Starts for EasyJones_250:
(Start: 14 @140927 has 371 MA's), (24, 141002), (46, 141140), (48, 141146), (54, 141179), (57, 141206), (60, 141221), (62, 141242), (85, 141356), (92, 141377), (93, 141386), (98, 141401), (99, 141404), (118, 141500), (136, 141590), (150, 141662), (151, 141665),

Gene: EasyJones_249 Start: 140144, Stop: 140914, Start Num: 14
Candidate Starts for EasyJones_249:
(Start: 14 @140144 has 371 MA's), (Start: 19 @140162 has 1 MA's), (Start: 23 @140210 has 1 MA's), (28, 140237), (33, 140273), (45, 140342), (49, 140372), (52, 140387), (54, 140399), (59, 140438), (68, 140492), (71, 140513), (78, 140555), (105, 140651), (110, 140681), (123, 140744), (137, 140813),

Gene: EggyFarm_256 Start: 142983, Stop: 143753, Start Num: 14
Candidate Starts for EggyFarm_256:
(Start: 14 @142983 has 371 MA's), (Start: 19 @143001 has 1 MA's), (Start: 23 @143049 has 1 MA's), (28, 143076), (33, 143112), (45, 143181), (49, 143211), (52, 143226), (54, 143238), (59, 143277), (68, 143331), (71, 143352), (78, 143394), (105, 143490), (110, 143520), (123, 143583), (137, 143652),

Gene: EggyFarm_257 Start: 143766, Stop: 144521, Start Num: 14
Candidate Starts for EggyFarm_257:
(Start: 14 @143766 has 371 MA's), (24, 143841), (46, 143979), (48, 143985), (54, 144018), (57, 144045), (60, 144060), (62, 144081), (77, 144171), (85, 144195), (92, 144216), (93, 144225), (98, 144240), (99, 144243), (118, 144339), (136, 144429), (150, 144501), (151, 144504),

Gene: EmToTheThree_249 Start: 142310, Stop: 143065, Start Num: 14
Candidate Starts for EmToTheThree_249:
(Start: 14 @142310 has 371 MA's), (24, 142385), (46, 142523), (48, 142529), (54, 142562), (57, 142589), (60, 142604), (62, 142625), (85, 142739), (92, 142760), (93, 142769), (98, 142784), (99, 142787), (118, 142883), (136, 142973), (150, 143045), (151, 143048),

Gene: EmToTheThree_248 Start: 141527, Stop: 142297, Start Num: 14
Candidate Starts for EmToTheThree_248:
(Start: 14 @141527 has 371 MA's), (Start: 19 @141545 has 1 MA's), (Start: 23 @141593 has 1 MA's), (28, 141620), (33, 141656), (45, 141725), (49, 141755), (52, 141770), (54, 141782), (59, 141821), (68, 141875), (71, 141896), (78, 141938), (105, 142034), (110, 142064), (123, 142127), (137, 142196),

Gene: EmmaElysia_254 Start: 143422, Stop: 144177, Start Num: 14
Candidate Starts for EmmaElysia_254:
(Start: 14 @143422 has 371 MA's), (24, 143497), (46, 143635), (48, 143641), (54, 143674), (57, 143701), (60, 143716), (62, 143737), (85, 143851), (92, 143872), (93, 143881), (98, 143896), (99,

143899), (118, 143995), (136, 144085), (150, 144157), (151, 144160),

Gene: EmmaElysia_253 Start: 142639, Stop: 143409, Start Num: 14
Candidate Starts for EmmaElysia_253:
(Start: 14 @142639 has 371 MA's), (Start: 19 @142657 has 1 MA's), (Start: 23 @142705 has 1 MA's), (28, 142732), (33, 142768), (45, 142837), (49, 142867), (52, 142882), (54, 142894), (59, 142933), (68, 142987), (71, 143008), (78, 143050), (105, 143146), (110, 143176), (123, 143239), (137, 143308),

Gene: Erdmann_250 Start: 142278, Stop: 143033, Start Num: 14
Candidate Starts for Erdmann_250:
(Start: 14 @142278 has 371 MA's), (24, 142353), (46, 142491), (48, 142497), (54, 142530), (57, 142557), (60, 142572), (62, 142593), (85, 142707), (92, 142728), (93, 142737), (98, 142752), (99, 142755), (118, 142851), (136, 142941), (150, 143013), (151, 143016),

Gene: Erdmann_249 Start: 141495, Stop: 142265, Start Num: 14
Candidate Starts for Erdmann_249:
(Start: 14 @141495 has 371 MA's), (Start: 19 @141513 has 1 MA's), (Start: 23 @141561 has 1 MA's), (28, 141588), (33, 141624), (45, 141693), (49, 141723), (52, 141738), (54, 141750), (59, 141789), (68, 141843), (71, 141864), (78, 141906), (105, 142002), (110, 142032), (123, 142095), (137, 142164),

Gene: ErnieJ_242 Start: 139106, Stop: 139861, Start Num: 14
Candidate Starts for ErnieJ_242:
(Start: 14 @139106 has 371 MA's), (24, 139181), (46, 139319), (48, 139325), (54, 139358), (57, 139385), (60, 139400), (62, 139421), (63, 139424), (85, 139535), (92, 139556), (93, 139565), (98, 139580), (99, 139583), (111, 139643), (118, 139679), (136, 139769), (150, 139841), (151, 139844),

Gene: ErnieJ_241 Start: 138323, Stop: 139093, Start Num: 14
Candidate Starts for ErnieJ_241:
(Start: 14 @138323 has 371 MA's), (Start: 19 @138341 has 1 MA's), (Start: 23 @138389 has 1 MA's), (28, 138416), (33, 138452), (45, 138521), (49, 138551), (52, 138566), (54, 138578), (59, 138617), (68, 138671), (71, 138692), (78, 138734), (105, 138830), (110, 138860), (137, 138992), (142, 139016),

Gene: Essence_246 Start: 140980, Stop: 141750, Start Num: 14
Candidate Starts for Essence_246:
(Start: 14 @140980 has 371 MA's), (Start: 19 @140998 has 1 MA's), (Start: 23 @141046 has 1 MA's), (28, 141073), (33, 141109), (45, 141178), (49, 141208), (52, 141223), (54, 141235), (59, 141274), (68, 141328), (71, 141349), (78, 141391), (105, 141487), (110, 141517), (123, 141580), (137, 141649),

Gene: Essence_247 Start: 141763, Stop: 142518, Start Num: 14
Candidate Starts for Essence_247:
(Start: 14 @141763 has 371 MA's), (24, 141838), (46, 141976), (48, 141982), (54, 142015), (57, 142042), (60, 142057), (62, 142078), (85, 142192), (92, 142213), (93, 142222), (98, 142237), (99, 142240), (118, 142336), (136, 142426), (150, 142498), (151, 142501),

Gene: Ewok_248 Start: 142221, Stop: 142976, Start Num: 14
Candidate Starts for Ewok_248:
(Start: 14 @142221 has 371 MA's), (24, 142296), (46, 142434), (48, 142440), (54, 142473), (57, 142500), (60, 142515), (62, 142536), (85, 142650), (92, 142671), (93, 142680), (98, 142695), (99, 142698), (118, 142794), (136, 142884), (150, 142956), (151, 142959),

Gene: Ewok_247 Start: 141438, Stop: 142208, Start Num: 14
Candidate Starts for Ewok_247:

(Start: 14 @141438 has 371 MA's), (Start: 19 @141456 has 1 MA's), (Start: 23 @141504 has 1 MA's), (28, 141531), (33, 141567), (45, 141636), (49, 141666), (52, 141681), (54, 141693), (59, 141732), (68, 141786), (71, 141807), (78, 141849), (105, 141945), (110, 141975), (123, 142038), (137, 142107),

Gene: Finch_226 Start: 134742, Stop: 135479, Start Num: 156
Candidate Starts for Finch_226:
(70, 134355), (84, 134418), (124, 134583), (Start: 156 @134742 has 1 MA's), (158, 134760), (162, 134808), (170, 134880), (172, 134898), (181, 135021), (185, 135105), (186, 135129), (189, 135168), (190, 135177), (195, 135228), (196, 135234), (201, 135306), (206, 135366), (207, 135369), (208, 135375), (210, 135381), (212, 135423), (213, 135450), (214, 135459),

Gene: Finch_225 Start: 133993, Stop: 134733, Start Num: 15
Candidate Starts for Finch_225:
(Start: 15 @133993 has 4 MA's), (Start: 19 @134011 has 1 MA's), (21, 134041), (22, 134044), (28, 134086), (31, 134101), (38, 134152), (42, 134173), (45, 134191), (52, 134236), (54, 134248), (65, 134317), (75, 134371), (90, 134437), (95, 134449), (122, 134578), (147, 134698), (151, 134719),

Gene: Finch_224 Start: 133276, Stop: 133983, Start Num: 161
Candidate Starts for Finch_224:
(11, 132361), (67, 132766), (82, 132859), (160, 133243), (Start: 161 @133276 has 1 MA's), (166, 133327), (168, 133336), (171, 133369), (176, 133435), (178, 133453), (179, 133462), (180, 133474), (183, 133531), (184, 133561), (187, 133609), (193, 133672), (194, 133678), (199, 133762), (204, 133819), (207, 133843),

Gene: Fixie_247 Start: 141760, Stop: 142530, Start Num: 14
Candidate Starts for Fixie_247:
(Start: 14 @141760 has 371 MA's), (Start: 19 @141778 has 1 MA's), (Start: 23 @141826 has 1 MA's), (28, 141853), (33, 141889), (45, 141958), (49, 141988), (52, 142003), (54, 142015), (59, 142054), (68, 142108), (71, 142129), (78, 142171), (105, 142267), (110, 142297), (123, 142360), (137, 142429),

Gene: Fixie_248 Start: 142543, Stop: 143298, Start Num: 14
Candidate Starts for Fixie_248:
(Start: 14 @142543 has 371 MA's), (24, 142618), (46, 142756), (48, 142762), (54, 142795), (57, 142822), (60, 142837), (62, 142858), (85, 142972), (92, 142993), (93, 143002), (98, 143017), (99, 143020), (118, 143116), (136, 143206), (150, 143278), (151, 143281),

Gene: Flabslab_243 Start: 138671, Stop: 139426, Start Num: 14
Candidate Starts for Flabslab_243:
(Start: 14 @138671 has 371 MA's), (24, 138746), (46, 138884), (48, 138890), (54, 138923), (57, 138950), (60, 138965), (62, 138986), (63, 138989), (92, 139121), (93, 139130), (98, 139145), (99, 139148), (111, 139208), (118, 139244), (136, 139334), (151, 139409),

Gene: Flabslab_242 Start: 137888, Stop: 138658, Start Num: 14
Candidate Starts for Flabslab_242:
(Start: 14 @137888 has 371 MA's), (Start: 17 @137897 has 5 MA's), (Start: 19 @137906 has 1 MA's), (Start: 23 @137954 has 1 MA's), (28, 137981), (33, 138017), (45, 138086), (49, 138116), (52, 138131), (54, 138143), (59, 138182), (68, 138236), (71, 138257), (78, 138299), (105, 138395), (110, 138425), (137, 138557), (142, 138581),

Gene: Fludd_249 Start: 140639, Stop: 141394, Start Num: 14
Candidate Starts for Fludd_249:
(Start: 14 @140639 has 371 MA's), (24, 140714), (46, 140852), (48, 140858), (54, 140891), (57, 140918), (60, 140933), (62, 140954), (85, 141068), (92, 141089), (93, 141098), (98, 141113), (99,

141116), (118, 141212), (136, 141302), (150, 141374), (151, 141377),

Gene: Fludd_248 Start: 139856, Stop: 140626, Start Num: 14
Candidate Starts for Fludd_248:
(Start: 14 @139856 has 371 MA's), (Start: 19 @139874 has 1 MA's), (Start: 23 @139922 has 1 MA's), (28, 139949), (33, 139985), (45, 140054), (49, 140084), (52, 140099), (54, 140111), (59, 140150), (68, 140204), (71, 140225), (78, 140267), (105, 140363), (110, 140393), (123, 140456), (137, 140525),

Gene: Fongie_248 Start: 141436, Stop: 142206, Start Num: 14
Candidate Starts for Fongie_248:
(Start: 14 @141436 has 371 MA's), (Start: 19 @141454 has 1 MA's), (Start: 23 @141502 has 1 MA's), (28, 141529), (33, 141565), (45, 141634), (49, 141664), (52, 141679), (54, 141691), (59, 141730), (68, 141784), (71, 141805), (78, 141847), (105, 141943), (110, 141973), (123, 142036), (137, 142105),

Gene: Fongie_249 Start: 142219, Stop: 142974, Start Num: 14
Candidate Starts for Fongie_249:
(Start: 14 @142219 has 371 MA's), (24, 142294), (46, 142432), (48, 142438), (54, 142471), (57, 142498), (60, 142513), (62, 142534), (85, 142648), (92, 142669), (93, 142678), (98, 142693), (99, 142696), (118, 142792), (136, 142882), (150, 142954), (151, 142957),

Gene: FoxtrotP1_247 Start: 142864, Stop: 143619, Start Num: 14
Candidate Starts for FoxtrotP1_247:
(Start: 14 @142864 has 371 MA's), (24, 142939), (46, 143077), (48, 143083), (54, 143116), (57, 143143), (60, 143158), (62, 143179), (85, 143293), (92, 143314), (93, 143323), (98, 143338), (99, 143341), (118, 143437), (136, 143527), (150, 143599), (151, 143602),

Gene: FoxtrotP1_246 Start: 142081, Stop: 142851, Start Num: 14
Candidate Starts for FoxtrotP1_246:
(Start: 14 @142081 has 371 MA's), (Start: 19 @142099 has 1 MA's), (Start: 23 @142147 has 1 MA's), (28, 142174), (33, 142210), (45, 142279), (49, 142309), (52, 142324), (54, 142336), (59, 142375), (68, 142429), (71, 142450), (78, 142492), (105, 142588), (110, 142618), (123, 142681), (137, 142750),

Gene: FrayBell_251 Start: 139987, Stop: 140757, Start Num: 14
Candidate Starts for FrayBell_251:
(Start: 14 @139987 has 371 MA's), (Start: 19 @140005 has 1 MA's), (Start: 23 @140053 has 1 MA's), (28, 140080), (33, 140116), (45, 140185), (49, 140215), (52, 140230), (54, 140242), (59, 140281), (68, 140335), (71, 140356), (78, 140398), (105, 140494), (110, 140524), (123, 140587), (137, 140656),

Gene: FrayBell_252 Start: 140770, Stop: 141525, Start Num: 14
Candidate Starts for FrayBell_252:
(Start: 14 @140770 has 371 MA's), (24, 140845), (46, 140983), (47, 140986), (48, 140989), (54, 141022), (57, 141049), (60, 141064), (62, 141085), (77, 141175), (92, 141220), (93, 141229), (98, 141244), (99, 141247), (118, 141343), (136, 141433), (150, 141505), (151, 141508),

Gene: FudgeTart_244 Start: 141368, Stop: 142123, Start Num: 14
Candidate Starts for FudgeTart_244:
(Start: 14 @141368 has 371 MA's), (24, 141443), (46, 141581), (48, 141587), (54, 141620), (57, 141647), (60, 141662), (62, 141683), (85, 141797), (92, 141818), (93, 141827), (98, 141842), (99, 141845), (118, 141941), (136, 142031), (150, 142103), (151, 142106),

Gene: FudgeTart_243 Start: 140585, Stop: 141355, Start Num: 14
Candidate Starts for FudgeTart_243:

(Start: 14 @140585 has 371 MA's), (Start: 19 @140603 has 1 MA's), (Start: 23 @140651 has 1 MA's), (28, 140678), (33, 140714), (45, 140783), (49, 140813), (52, 140828), (54, 140840), (59, 140879), (68, 140933), (71, 140954), (78, 140996), (105, 141092), (110, 141122), (123, 141185), (137, 141254),

Gene: Gabriel_251 Start: 140015, Stop: 140785, Start Num: 14
Candidate Starts for Gabriel_251:
(Start: 14 @140015 has 371 MA's), (Start: 19 @140033 has 1 MA's), (Start: 23 @140081 has 1 MA's), (28, 140108), (33, 140144), (45, 140213), (49, 140243), (52, 140258), (54, 140270), (59, 140309), (68, 140363), (71, 140384), (78, 140426), (105, 140522), (110, 140552), (123, 140615), (137, 140684),

Gene: Gabriel_252 Start: 140798, Stop: 141553, Start Num: 14
Candidate Starts for Gabriel_252:
(Start: 14 @140798 has 371 MA's), (24, 140873), (46, 141011), (48, 141017), (54, 141050), (57, 141077), (60, 141092), (62, 141113), (85, 141227), (92, 141248), (93, 141257), (98, 141272), (99, 141275), (118, 141371), (136, 141461), (150, 141533), (151, 141536),

Gene: Gamgam_251 Start: 141155, Stop: 141910, Start Num: 14
Candidate Starts for Gamgam_251:
(Start: 14 @141155 has 371 MA's), (24, 141230), (46, 141368), (48, 141374), (54, 141407), (57, 141434), (60, 141449), (62, 141470), (85, 141584), (92, 141605), (93, 141614), (98, 141629), (99, 141632), (118, 141728), (136, 141818), (150, 141890), (151, 141893),

Gene: Gamgam_250 Start: 140372, Stop: 141142, Start Num: 14
Candidate Starts for Gamgam_250:
(Start: 14 @140372 has 371 MA's), (Start: 19 @140390 has 1 MA's), (Start: 23 @140438 has 1 MA's), (28, 140465), (33, 140501), (45, 140570), (49, 140600), (52, 140615), (54, 140627), (59, 140666), (68, 140720), (71, 140741), (78, 140783), (105, 140879), (110, 140909), (123, 140972), (137, 141041),

Gene: Ghost_249 Start: 141779, Stop: 142534, Start Num: 14
Candidate Starts for Ghost_249:
(Start: 14 @141779 has 371 MA's), (24, 141854), (46, 141992), (48, 141998), (54, 142031), (57, 142058), (60, 142073), (62, 142094), (85, 142208), (92, 142229), (93, 142238), (98, 142253), (99, 142256), (118, 142352), (136, 142442), (150, 142514), (151, 142517),

Gene: Ghost_248 Start: 140996, Stop: 141766, Start Num: 14
Candidate Starts for Ghost_248:
(Start: 14 @140996 has 371 MA's), (Start: 19 @141014 has 1 MA's), (Start: 23 @141062 has 1 MA's), (28, 141089), (33, 141125), (45, 141194), (49, 141224), (52, 141239), (54, 141251), (59, 141290), (68, 141344), (71, 141365), (78, 141407), (105, 141503), (110, 141533), (123, 141596), (137, 141665),

Gene: Gizmo_254 Start: 144195, Stop: 144950, Start Num: 14
Candidate Starts for Gizmo_254:
(Start: 14 @144195 has 371 MA's), (24, 144270), (46, 144408), (48, 144414), (54, 144447), (57, 144474), (60, 144489), (62, 144510), (85, 144624), (92, 144645), (93, 144654), (98, 144669), (99, 144672), (118, 144768), (136, 144858), (150, 144930), (151, 144933),

Gene: Gizmo_253 Start: 143412, Stop: 144182, Start Num: 14
Candidate Starts for Gizmo_253:
(Start: 14 @143412 has 371 MA's), (Start: 19 @143430 has 1 MA's), (Start: 23 @143478 has 1 MA's), (28, 143505), (33, 143541), (45, 143610), (49, 143640), (52, 143655), (54, 143667), (59, 143706), (68, 143760), (71, 143781), (78, 143823), (105, 143919), (110, 143949), (123, 144012), (137, 144081),

Gene: GlutenPhree_250 Start: 141166, Stop: 141921, Start Num: 14

Candidate Starts for GlutenPhree_250:
(Start: 14 @141166 has 371 MA's), (24, 141241), (46, 141379), (48, 141385), (54, 141418), (57, 141445), (60, 141460), (62, 141481), (85, 141595), (92, 141616), (93, 141625), (98, 141640), (99, 141643), (118, 141739), (136, 141829), (150, 141901), (151, 141904),

Gene: GlutenPhree_249 Start: 140383, Stop: 141153, Start Num: 14
Candidate Starts for GlutenPhree_249:
(Start: 14 @140383 has 371 MA's), (Start: 19 @140401 has 1 MA's), (Start: 23 @140449 has 1 MA's), (28, 140476), (33, 140512), (45, 140581), (49, 140611), (52, 140626), (54, 140638), (59, 140677), (68, 140731), (71, 140752), (78, 140794), (105, 140890), (110, 140920), (123, 140983), (137, 141052),

Gene: Grasshills_255 Start: 142982, Stop: 143752, Start Num: 14
Candidate Starts for Grasshills_255:
(Start: 14 @142982 has 371 MA's), (Start: 19 @143000 has 1 MA's), (Start: 23 @143048 has 1 MA's), (28, 143075), (33, 143111), (45, 143180), (49, 143210), (52, 143225), (54, 143237), (59, 143276), (68, 143330), (71, 143351), (78, 143393), (105, 143489), (110, 143519), (123, 143582), (137, 143651),

Gene: Grasshills_256 Start: 143765, Stop: 144520, Start Num: 14
Candidate Starts for Grasshills_256:
(Start: 14 @143765 has 371 MA's), (24, 143840), (46, 143978), (48, 143984), (54, 144017), (57, 144044), (60, 144059), (62, 144080), (77, 144170), (85, 144194), (92, 144215), (93, 144224), (98, 144239), (99, 144242), (118, 144338), (136, 144428), (150, 144500), (151, 144503),

Gene: Greely_250 Start: 144483, Stop: 145214, Start Num: 13
Candidate Starts for Greely_250:
(1, 144090), (5, 144285), (8, 144411), (Start: 13 @144483 has 2 MA's), (31, 144588), (34, 144612), (44, 144669), (48, 144702), (52, 144723), (54, 144735), (61, 144783), (62, 144798), (87, 144918), (118, 145053), (130, 145089), (146, 145164),

Gene: Greely_249 Start: 143716, Stop: 144483, Start Num: 18
Candidate Starts for Greely_249:
(Start: 18 @143716 has 1 MA's), (Start: 19 @143731 has 1 MA's), (21, 143761), (45, 143917), (54, 143974), (55, 143977), (64, 144043), (89, 144166), (105, 144223), (110, 144253), (138, 144388),

Gene: Grungle_230 Start: 138261, Stop: 139031, Start Num: 14
Candidate Starts for Grungle_230:
(Start: 14 @138261 has 371 MA's), (Start: 19 @138279 has 1 MA's), (Start: 23 @138327 has 1 MA's), (28, 138354), (33, 138390), (45, 138459), (49, 138489), (52, 138504), (54, 138516), (59, 138555), (68, 138609), (71, 138630), (78, 138672), (105, 138768), (110, 138798), (123, 138861), (137, 138930),

Gene: Grungle_231 Start: 139044, Stop: 139799, Start Num: 14
Candidate Starts for Grungle_231:
(Start: 14 @139044 has 371 MA's), (24, 139119), (46, 139257), (48, 139263), (54, 139296), (57, 139323), (60, 139338), (62, 139359), (85, 139473), (92, 139494), (93, 139503), (98, 139518), (99, 139521), (118, 139617), (136, 139707), (150, 139779), (151, 139782),

Gene: Guwapp_245 Start: 140613, Stop: 141368, Start Num: 14
Candidate Starts for Guwapp_245:
(Start: 14 @140613 has 371 MA's), (24, 140688), (46, 140826), (47, 140829), (48, 140832), (54, 140865), (57, 140892), (60, 140907), (62, 140928), (77, 141018), (85, 141042), (92, 141063), (93, 141072), (98, 141087), (99, 141090), (118, 141186), (136, 141276), (150, 141348), (151, 141351),

Gene: Guwapp_244 Start: 139830, Stop: 140600, Start Num: 14

Candidate Starts for Guwapp_244:
(Start: 14 @139830 has 371 MA's), (Start: 19 @139848 has 1 MA's), (Start: 23 @139896 has 1 MA's), (28, 139923), (33, 139959), (45, 140028), (49, 140058), (52, 140073), (54, 140085), (59, 140124), (68, 140178), (71, 140199), (78, 140241), (105, 140337), (110, 140367), (123, 140430), (137, 140499),

Gene: Halldule_241 Start: 140226, Stop: 140981, Start Num: 14
Candidate Starts for Halldule_241:
(Start: 14 @140226 has 371 MA's), (24, 140301), (46, 140439), (48, 140445), (54, 140478), (57, 140505), (60, 140520), (62, 140541), (85, 140655), (92, 140676), (93, 140685), (98, 140700), (99, 140703), (118, 140799), (136, 140889), (150, 140961), (151, 140964),

Gene: Halldule_240 Start: 139443, Stop: 140213, Start Num: 14
Candidate Starts for Halldule_240:
(Start: 14 @139443 has 371 MA's), (Start: 19 @139461 has 1 MA's), (Start: 23 @139509 has 1 MA's), (28, 139536), (33, 139572), (45, 139641), (49, 139671), (52, 139686), (54, 139698), (59, 139737), (68, 139791), (71, 139812), (78, 139854), (105, 139950), (110, 139980), (123, 140043), (137, 140112),

Gene: HyRo_233 Start: 140347, Stop: 141117, Start Num: 14
Candidate Starts for HyRo_233:
(Start: 14 @140347 has 371 MA's), (Start: 19 @140365 has 1 MA's), (Start: 23 @140413 has 1 MA's), (28, 140440), (33, 140476), (45, 140545), (49, 140575), (52, 140590), (54, 140602), (59, 140641), (68, 140695), (71, 140716), (78, 140758), (105, 140854), (110, 140884),

Gene: HyRo_234 Start: 141130, Stop: 141885, Start Num: 14
Candidate Starts for HyRo_234:
(Start: 14 @141130 has 371 MA's), (24, 141205), (48, 141349), (54, 141382), (57, 141409), (60, 141424), (62, 141445), (92, 141580), (93, 141589), (98, 141604), (99, 141607), (111, 141667), (118, 141703), (136, 141793), (151, 141868),

Gene: I3_259 Start: 142921, Stop: 143676, Start Num: 14
Candidate Starts for I3_259:
(Start: 14 @142921 has 371 MA's), (24, 142996), (46, 143134), (48, 143140), (54, 143173), (57, 143200), (60, 143215), (62, 143236), (77, 143326), (85, 143350), (92, 143371), (93, 143380), (98, 143395), (99, 143398), (111, 143458), (118, 143494), (136, 143584), (150, 143656), (151, 143659),

Gene: I3_258 Start: 142138, Stop: 142908, Start Num: 14
Candidate Starts for I3_258:
(Start: 14 @142138 has 371 MA's), (Start: 19 @142156 has 1 MA's), (Start: 23 @142204 has 1 MA's), (28, 142231), (33, 142267), (45, 142336), (49, 142366), (52, 142381), (54, 142393), (59, 142432), (68, 142486), (71, 142507), (78, 142549), (105, 142645), (110, 142675), (123, 142738), (137, 142807),

Gene: IkeLoa_243 Start: 141511, Stop: 142266, Start Num: 14
Candidate Starts for IkeLoa_243:
(Start: 14 @141511 has 371 MA's), (24, 141586), (46, 141724), (48, 141730), (54, 141763), (57, 141790), (60, 141805), (62, 141826), (85, 141940), (92, 141961), (93, 141970), (98, 141985), (99, 141988), (118, 142084), (136, 142174), (150, 142246), (151, 142249),

Gene: IkeLoa_242 Start: 140728, Stop: 141498, Start Num: 14
Candidate Starts for IkeLoa_242:
(Start: 14 @140728 has 371 MA's), (Start: 19 @140746 has 1 MA's), (Start: 23 @140794 has 1 MA's), (28, 140821), (33, 140857), (45, 140926), (49, 140956), (52, 140971), (54, 140983), (59, 141022), (68, 141076), (71, 141097), (78, 141139), (105, 141235), (110, 141265), (123, 141328), (137, 141397),

Gene: InigoMontoya_252 Start: 141046, Stop: 141816, Start Num: 14
Candidate Starts for InigoMontoya_252:
(Start: 14 @141046 has 371 MA's), (Start: 19 @141064 has 1 MA's), (Start: 23 @141112 has 1 MA's), (28, 141139), (33, 141175), (45, 141244), (49, 141274), (52, 141289), (54, 141301), (59, 141340), (68, 141394), (71, 141415), (78, 141457), (105, 141553), (110, 141583), (123, 141646), (137, 141715),

Gene: InigoMontoya_253 Start: 141829, Stop: 142584, Start Num: 14
Candidate Starts for InigoMontoya_253:
(Start: 14 @141829 has 371 MA's), (24, 141904), (46, 142042), (48, 142048), (54, 142081), (57, 142108), (60, 142123), (62, 142144), (85, 142258), (92, 142279), (93, 142288), (98, 142303), (99, 142306), (118, 142402), (136, 142492), (150, 142564), (151, 142567),

Gene: InterFolia_250 Start: 141792, Stop: 142562, Start Num: 14
Candidate Starts for InterFolia_250:
(Start: 14 @141792 has 371 MA's), (Start: 19 @141810 has 1 MA's), (Start: 23 @141858 has 1 MA's), (28, 141885), (33, 141921), (45, 141990), (49, 142020), (52, 142035), (54, 142047), (59, 142086), (68, 142140), (71, 142161), (78, 142203), (105, 142299), (110, 142329), (123, 142392), (137, 142461),

Gene: InterFolia_251 Start: 142575, Stop: 143330, Start Num: 14
Candidate Starts for InterFolia_251:
(Start: 14 @142575 has 371 MA's), (24, 142650), (46, 142788), (47, 142791), (48, 142794), (54, 142827), (57, 142854), (60, 142869), (62, 142890), (77, 142980), (92, 143025), (93, 143034), (98, 143049), (99, 143052), (118, 143148), (136, 143238), (150, 143310), (151, 143313),

Gene: Iota_245 Start: 140758, Stop: 141528, Start Num: 14
Candidate Starts for Iota_245:
(Start: 14 @140758 has 371 MA's), (Start: 19 @140776 has 1 MA's), (Start: 23 @140824 has 1 MA's), (28, 140851), (33, 140887), (45, 140956), (49, 140986), (52, 141001), (54, 141013), (59, 141052), (68, 141106), (71, 141127), (78, 141169), (105, 141265), (110, 141295), (123, 141358), (137, 141427),

Gene: Iota_246 Start: 141541, Stop: 142296, Start Num: 14
Candidate Starts for Iota_246:
(Start: 14 @141541 has 371 MA's), (24, 141616), (46, 141754), (48, 141760), (54, 141793), (57, 141820), (60, 141835), (62, 141856), (85, 141970), (92, 141991), (93, 142000), (98, 142015), (99, 142018), (118, 142114), (136, 142204), (150, 142276), (151, 142279),

Gene: Issimir_241 Start: 140684, Stop: 141454, Start Num: 14
Candidate Starts for Issimir_241:
(Start: 14 @140684 has 371 MA's), (Start: 19 @140702 has 1 MA's), (Start: 23 @140750 has 1 MA's), (28, 140777), (33, 140813), (45, 140882), (49, 140912), (52, 140927), (54, 140939), (59, 140978), (68, 141032), (71, 141053), (78, 141095), (105, 141191), (110, 141221), (123, 141284), (137, 141353),

Gene: Issimir_242 Start: 141467, Stop: 142222, Start Num: 14
Candidate Starts for Issimir_242:
(Start: 14 @141467 has 371 MA's), (24, 141542), (46, 141680), (48, 141686), (54, 141719), (57, 141746), (60, 141761), (62, 141782), (77, 141872), (85, 141896), (92, 141917), (93, 141926), (98, 141941), (99, 141944), (118, 142040), (136, 142130), (150, 142202), (151, 142205),

Gene: Izajani_244 Start: 141578, Stop: 142348, Start Num: 14
Candidate Starts for Izajani_244:
(Start: 14 @141578 has 371 MA's), (Start: 19 @141596 has 1 MA's), (Start: 23 @141644 has 1 MA's), (28, 141671), (33, 141707), (45, 141776), (49, 141806), (52, 141821), (54, 141833), (59, 141872), (68, 141926), (71, 141947), (78, 141989), (105, 142085), (110, 142115), (123, 142178), (137, 142247),

Gene: Izajani_245 Start: 142361, Stop: 143116, Start Num: 14
Candidate Starts for Izajani_245:
(Start: 14 @142361 has 371 MA's), (24, 142436), (46, 142574), (48, 142580), (54, 142613), (57, 142640), (60, 142655), (62, 142676), (85, 142790), (92, 142811), (93, 142820), (98, 142835), (99, 142838), (118, 142934), (136, 143024), (150, 143096), (151, 143099),

Gene: JPickles_246 Start: 140517, Stop: 141272, Start Num: 14
Candidate Starts for JPickles_246:
(Start: 14 @140517 has 371 MA's), (24, 140592), (46, 140730), (48, 140736), (54, 140769), (57, 140796), (60, 140811), (62, 140832), (85, 140946), (92, 140967), (93, 140976), (98, 140991), (99, 140994), (118, 141090), (136, 141180), (150, 141252), (151, 141255),

Gene: JPickles_245 Start: 139734, Stop: 140504, Start Num: 14
Candidate Starts for JPickles_245:
(Start: 14 @139734 has 371 MA's), (Start: 19 @139752 has 1 MA's), (Start: 23 @139800 has 1 MA's), (28, 139827), (33, 139863), (45, 139932), (49, 139962), (52, 139977), (54, 139989), (59, 140028), (68, 140082), (71, 140103), (78, 140145), (105, 140241), (110, 140271), (123, 140334), (137, 140403),

Gene: Janiyra_252 Start: 142054, Stop: 142809, Start Num: 14
Candidate Starts for Janiyra_252:
(Start: 14 @142054 has 371 MA's), (24, 142129), (46, 142267), (48, 142273), (54, 142306), (57, 142333), (60, 142348), (62, 142369), (85, 142483), (92, 142504), (93, 142513), (98, 142528), (99, 142531), (118, 142627), (136, 142717), (150, 142789), (151, 142792),

Gene: Janiyra_251 Start: 141271, Stop: 142041, Start Num: 14
Candidate Starts for Janiyra_251:
(Start: 14 @141271 has 371 MA's), (Start: 19 @141289 has 1 MA's), (Start: 23 @141337 has 1 MA's), (28, 141364), (33, 141400), (45, 141469), (49, 141499), (52, 141514), (54, 141526), (59, 141565), (68, 141619), (71, 141640), (78, 141682), (105, 141778), (110, 141808), (123, 141871), (137, 141940),

Gene: JayJay_249 Start: 141302, Stop: 142057, Start Num: 14
Candidate Starts for JayJay_249:
(Start: 14 @141302 has 371 MA's), (24, 141377), (48, 141521), (54, 141554), (57, 141581), (60, 141596), (62, 141617), (92, 141752), (93, 141761), (98, 141776), (99, 141779), (111, 141839), (118, 141875), (136, 141965), (151, 142040),

Gene: JayJay_248 Start: 140519, Stop: 141289, Start Num: 14
Candidate Starts for JayJay_248:
(Start: 14 @140519 has 371 MA's), (Start: 17 @140528 has 5 MA's), (Start: 19 @140537 has 1 MA's), (Start: 23 @140585 has 1 MA's), (28, 140612), (33, 140648), (45, 140717), (49, 140747), (52, 140762), (54, 140774), (59, 140813), (68, 140867), (71, 140888), (78, 140930), (105, 141026), (110, 141056),

Gene: Jaygup_245 Start: 140905, Stop: 141675, Start Num: 14
Candidate Starts for Jaygup_245:
(Start: 14 @140905 has 371 MA's), (Start: 19 @140923 has 1 MA's), (Start: 23 @140971 has 1 MA's), (28, 140998), (33, 141034), (45, 141103), (49, 141133), (52, 141148), (54, 141160), (59, 141199), (68, 141253), (71, 141274), (78, 141316), (105, 141412), (110, 141442), (123, 141505), (137, 141574),

Gene: Jaygup_246 Start: 141688, Stop: 142443, Start Num: 14
Candidate Starts for Jaygup_246:
(Start: 14 @141688 has 371 MA's), (24, 141763), (46, 141901), (48, 141907), (54, 141940), (57, 141967), (60, 141982), (62, 142003), (85, 142117), (92, 142138), (93, 142147), (98, 142162), (99,

142165), (118, 142261), (136, 142351), (150, 142423), (151, 142426),

Gene: JeanGrey_135 Start: 103436, Stop: 104125, Start Num: 19
Candidate Starts for JeanGrey_135:
(Start: 19 @103436 has 1 MA's), (33, 103547), (60, 103721),

Gene: Jedediah_251 Start: 142741, Stop: 143496, Start Num: 14
Candidate Starts for Jedediah_251:
(Start: 14 @142741 has 371 MA's), (24, 142816), (46, 142954), (48, 142960), (54, 142993), (57, 143020), (60, 143035), (62, 143056), (85, 143170), (92, 143191), (93, 143200), (98, 143215), (99, 143218), (118, 143314), (136, 143404), (150, 143476), (151, 143479),

Gene: Jedediah_250 Start: 141958, Stop: 142728, Start Num: 14
Candidate Starts for Jedediah_250:
(Start: 14 @141958 has 371 MA's), (Start: 19 @141976 has 1 MA's), (Start: 23 @142024 has 1 MA's), (28, 142051), (33, 142087), (45, 142156), (49, 142186), (52, 142201), (54, 142213), (59, 142252), (68, 142306), (71, 142327), (78, 142369), (105, 142465), (110, 142495), (123, 142558), (137, 142627),

Gene: Jemmno_248 Start: 140677, Stop: 141447, Start Num: 14
Candidate Starts for Jemmno_248:
(Start: 14 @140677 has 371 MA's), (Start: 19 @140695 has 1 MA's), (Start: 23 @140743 has 1 MA's), (28, 140770), (33, 140806), (45, 140875), (49, 140905), (52, 140920), (54, 140932), (59, 140971), (68, 141025), (71, 141046), (78, 141088), (105, 141184), (110, 141214), (123, 141277), (137, 141346),

Gene: Jemmno_249 Start: 141460, Stop: 142215, Start Num: 14
Candidate Starts for Jemmno_249:
(Start: 14 @141460 has 371 MA's), (24, 141535), (46, 141673), (48, 141679), (54, 141712), (57, 141739), (60, 141754), (62, 141775), (85, 141889), (92, 141910), (93, 141919), (98, 141934), (99, 141937), (118, 142033), (136, 142123), (150, 142195), (151, 142198),

Gene: Jessibeth14_248 Start: 142153, Stop: 142923, Start Num: 14
Candidate Starts for Jessibeth14_248:
(Start: 14 @142153 has 371 MA's), (Start: 19 @142171 has 1 MA's), (Start: 23 @142219 has 1 MA's), (28, 142246), (33, 142282), (45, 142351), (49, 142381), (52, 142396), (54, 142408), (59, 142447), (68, 142501), (71, 142522), (78, 142564), (105, 142660), (110, 142690), (123, 142753), (137, 142822),

Gene: Jessibeth14_249 Start: 142936, Stop: 143691, Start Num: 14
Candidate Starts for Jessibeth14_249:
(Start: 14 @142936 has 371 MA's), (24, 143011), (46, 143149), (48, 143155), (54, 143188), (57, 143215), (60, 143230), (62, 143251), (77, 143341), (85, 143365), (92, 143386), (93, 143395), (98, 143410), (99, 143413), (118, 143509), (136, 143599), (150, 143671), (151, 143674),

Gene: Jezreel_245 Start: 141222, Stop: 141992, Start Num: 14
Candidate Starts for Jezreel_245:
(Start: 14 @141222 has 371 MA's), (Start: 19 @141240 has 1 MA's), (Start: 23 @141288 has 1 MA's), (28, 141315), (33, 141351), (45, 141420), (49, 141450), (52, 141465), (54, 141477), (59, 141516), (68, 141570), (71, 141591), (78, 141633), (105, 141729), (110, 141759), (123, 141822), (137, 141891),

Gene: Jezreel_246 Start: 142005, Stop: 142760, Start Num: 14
Candidate Starts for Jezreel_246:
(Start: 14 @142005 has 371 MA's), (24, 142080), (46, 142218), (48, 142224), (54, 142257), (57, 142284), (60, 142299), (62, 142320), (77, 142410), (85, 142434), (92, 142455), (93, 142464), (98, 142479), (99, 142482), (118, 142578), (136, 142668), (150, 142740), (151, 142743),

Gene: JigglyPuff_255 Start: 143431, Stop: 144186, Start Num: 14
Candidate Starts for JigglyPuff_255:
(Start: 14 @143431 has 371 MA's), (24, 143506), (46, 143644), (48, 143650), (54, 143683), (57, 143710), (60, 143725), (62, 143746), (77, 143836), (85, 143860), (92, 143881), (93, 143890), (98, 143905), (99, 143908), (118, 144004), (136, 144094), (150, 144166), (151, 144169),

Gene: JigglyPuff_254 Start: 142648, Stop: 143418, Start Num: 14
Candidate Starts for JigglyPuff_254:
(Start: 14 @142648 has 371 MA's), (Start: 19 @142666 has 1 MA's), (Start: 23 @142714 has 1 MA's), (28, 142741), (33, 142777), (45, 142846), (49, 142876), (52, 142891), (54, 142903), (59, 142942), (68, 142996), (71, 143017), (78, 143059), (105, 143155), (110, 143185), (123, 143248), (137, 143317),

Gene: JulietS_238 Start: 139040, Stop: 139795, Start Num: 14
Candidate Starts for JulietS_238:
(Start: 14 @139040 has 371 MA's), (24, 139115), (46, 139253), (48, 139259), (54, 139292), (57, 139319), (60, 139334), (62, 139355), (77, 139445), (85, 139469), (92, 139490), (93, 139499), (98, 139514), (99, 139517), (118, 139613), (136, 139703), (150, 139775), (151, 139778),

Gene: JulietS_237 Start: 138257, Stop: 139027, Start Num: 14
Candidate Starts for JulietS_237:
(Start: 14 @138257 has 371 MA's), (Start: 19 @138275 has 1 MA's), (Start: 23 @138323 has 1 MA's), (28, 138350), (33, 138386), (45, 138455), (49, 138485), (52, 138500), (54, 138512), (59, 138551), (68, 138605), (71, 138626), (78, 138668), (105, 138764), (110, 138794), (123, 138857), (137, 138926),

Gene: JustHall_243 Start: 140990, Stop: 141745, Start Num: 14
Candidate Starts for JustHall_243:
(Start: 14 @140990 has 371 MA's), (24, 141065), (46, 141203), (48, 141209), (54, 141242), (57, 141269), (60, 141284), (62, 141305), (85, 141419), (92, 141440), (93, 141449), (98, 141464), (99, 141467), (118, 141563), (136, 141653), (150, 141725), (151, 141728),

Gene: JustHall_242 Start: 140207, Stop: 140977, Start Num: 14
Candidate Starts for JustHall_242:
(Start: 14 @140207 has 371 MA's), (Start: 19 @140225 has 1 MA's), (Start: 23 @140273 has 1 MA's), (28, 140300), (33, 140336), (45, 140405), (49, 140435), (52, 140450), (54, 140462), (59, 140501), (68, 140555), (71, 140576), (78, 140618), (105, 140714), (110, 140744), (123, 140807), (137, 140876),

Gene: Kamryn_247 Start: 141797, Stop: 142567, Start Num: 14
Candidate Starts for Kamryn_247:
(Start: 14 @141797 has 371 MA's), (Start: 19 @141815 has 1 MA's), (Start: 23 @141863 has 1 MA's), (28, 141890), (33, 141926), (45, 141995), (49, 142025), (52, 142040), (54, 142052), (59, 142091), (68, 142145), (71, 142166), (78, 142208), (105, 142304), (110, 142334), (123, 142397), (137, 142466),

Gene: Kamryn_248 Start: 142580, Stop: 143335, Start Num: 14
Candidate Starts for Kamryn_248:
(Start: 14 @142580 has 371 MA's), (24, 142655), (46, 142793), (48, 142799), (54, 142832), (57, 142859), (60, 142874), (62, 142895), (85, 143009), (92, 143030), (93, 143039), (98, 143054), (99, 143057), (118, 143153), (136, 143243), (150, 143315), (151, 143318),

Gene: Kboogie_252 Start: 140836, Stop: 141606, Start Num: 14
Candidate Starts for Kboogie_252:
(Start: 14 @140836 has 371 MA's), (Start: 19 @140854 has 1 MA's), (Start: 23 @140902 has 1 MA's), (28, 140929), (33, 140965), (45, 141034), (49, 141064), (52, 141079), (54, 141091), (59, 141130), (68,

141184), (71, 141205), (78, 141247), (105, 141343), (110, 141373), (123, 141436), (137, 141505),

Gene: Kboogie_253 Start: 141619, Stop: 142374, Start Num: 14
Candidate Starts for Kboogie_253:
(Start: 14 @141619 has 371 MA's), (24, 141694), (46, 141832), (48, 141838), (54, 141871), (57, 141898), (60, 141913), (62, 141934), (85, 142048), (92, 142069), (93, 142078), (98, 142093), (99, 142096), (118, 142192), (136, 142282), (150, 142354), (151, 142357),

Gene: Khaleesi_248 Start: 142403, Stop: 143158, Start Num: 14
Candidate Starts for Khaleesi_248:
(Start: 14 @142403 has 371 MA's), (24, 142478), (46, 142616), (48, 142622), (54, 142655), (57, 142682), (60, 142697), (62, 142718), (77, 142808), (85, 142832), (92, 142853), (93, 142862), (98, 142877), (99, 142880), (118, 142976), (136, 143066), (150, 143138), (151, 143141),

Gene: Khaleesi_247 Start: 141620, Stop: 142390, Start Num: 14
Candidate Starts for Khaleesi_247:
(Start: 14 @141620 has 371 MA's), (Start: 19 @141638 has 1 MA's), (Start: 23 @141686 has 1 MA's), (28, 141713), (33, 141749), (45, 141818), (49, 141848), (52, 141863), (54, 141875), (59, 141914), (68, 141968), (71, 141989), (78, 142031), (105, 142127), (110, 142157), (123, 142220), (137, 142289),

Gene: Koguma_248 Start: 141202, Stop: 141957, Start Num: 14
Candidate Starts for Koguma_248:
(Start: 14 @141202 has 371 MA's), (24, 141277), (46, 141415), (48, 141421), (54, 141454), (57, 141481), (60, 141496), (62, 141517), (85, 141631), (92, 141652), (93, 141661), (98, 141676), (99, 141679), (118, 141775), (136, 141865), (150, 141937), (151, 141940),

Gene: Koguma_247 Start: 140419, Stop: 141189, Start Num: 14
Candidate Starts for Koguma_247:
(Start: 14 @140419 has 371 MA's), (Start: 19 @140437 has 1 MA's), (Start: 23 @140485 has 1 MA's), (28, 140512), (33, 140548), (45, 140617), (49, 140647), (52, 140662), (54, 140674), (59, 140713), (68, 140767), (71, 140788), (78, 140830), (105, 140926), (110, 140956), (123, 141019), (137, 141088),

Gene: LRRHood_241 Start: 140612, Stop: 141367, Start Num: 14
Candidate Starts for LRRHood_241:
(Start: 14 @140612 has 371 MA's), (24, 140687), (46, 140825), (48, 140831), (54, 140864), (57, 140891), (60, 140906), (62, 140927), (77, 141017), (85, 141041), (92, 141062), (93, 141071), (98, 141086), (99, 141089), (118, 141185), (136, 141275), (150, 141347), (151, 141350),

Gene: LRRHood_240 Start: 139829, Stop: 140599, Start Num: 14
Candidate Starts for LRRHood_240:
(Start: 14 @139829 has 371 MA's), (Start: 19 @139847 has 1 MA's), (Start: 23 @139895 has 1 MA's), (28, 139922), (33, 139958), (45, 140027), (49, 140057), (52, 140072), (54, 140084), (59, 140123), (68, 140177), (71, 140198), (78, 140240), (105, 140336), (110, 140366), (123, 140429), (137, 140498),

Gene: Labradorite_246 Start: 141179, Stop: 141934, Start Num: 14
Candidate Starts for Labradorite_246:
(Start: 14 @141179 has 371 MA's), (24, 141254), (46, 141392), (48, 141398), (54, 141431), (57, 141458), (60, 141473), (62, 141494), (85, 141608), (92, 141629), (93, 141638), (98, 141653), (99, 141656), (118, 141752), (136, 141842), (150, 141914), (151, 141917),

Gene: Labradorite_245 Start: 140396, Stop: 141166, Start Num: 14
Candidate Starts for Labradorite_245:

(Start: 14 @140396 has 371 MA's), (Start: 19 @140414 has 1 MA's), (Start: 23 @140462 has 1 MA's), (28, 140489), (33, 140525), (45, 140594), (49, 140624), (52, 140639), (54, 140651), (59, 140690), (68, 140744), (71, 140765), (78, 140807), (105, 140903), (110, 140933), (123, 140996), (137, 141065),

Gene: Latch_249 Start: 141165, Stop: 141920, Start Num: 14
Candidate Starts for Latch_249:
(Start: 14 @141165 has 371 MA's), (24, 141240), (46, 141378), (48, 141384), (54, 141417), (57, 141444), (60, 141459), (62, 141480), (85, 141594), (92, 141615), (93, 141624), (98, 141639), (99, 141642), (118, 141738), (136, 141828), (150, 141900), (151, 141903),

Gene: Latch_248 Start: 140382, Stop: 141152, Start Num: 14
Candidate Starts for Latch_248:
(Start: 14 @140382 has 371 MA's), (Start: 19 @140400 has 1 MA's), (Start: 23 @140448 has 1 MA's), (28, 140475), (33, 140511), (45, 140580), (49, 140610), (52, 140625), (54, 140637), (59, 140676), (68, 140730), (71, 140751), (78, 140793), (105, 140889), (110, 140919), (123, 140982), (137, 141051),

Gene: Lee7_248 Start: 143817, Stop: 144572, Start Num: 14
Candidate Starts for Lee7_248:
(Start: 14 @143817 has 371 MA's), (24, 143892), (46, 144030), (48, 144036), (54, 144069), (57, 144096), (60, 144111), (62, 144132), (77, 144222), (85, 144246), (92, 144267), (93, 144276), (98, 144291), (99, 144294), (118, 144390), (136, 144480), (150, 144552), (151, 144555),

Gene: Lee7_247 Start: 143034, Stop: 143804, Start Num: 14
Candidate Starts for Lee7_247:
(Start: 14 @143034 has 371 MA's), (Start: 19 @143052 has 1 MA's), (Start: 23 @143100 has 1 MA's), (28, 143127), (33, 143163), (45, 143232), (49, 143262), (52, 143277), (54, 143289), (59, 143328), (68, 143382), (71, 143403), (78, 143445), (105, 143541), (110, 143571), (123, 143634), (137, 143703),

Gene: Lethe_247 Start: 142987, Stop: 143742, Start Num: 14
Candidate Starts for Lethe_247:
(Start: 14 @142987 has 371 MA's), (24, 143062), (46, 143200), (47, 143203), (48, 143206), (54, 143239), (57, 143266), (60, 143281), (62, 143302), (77, 143392), (92, 143437), (93, 143446), (98, 143461), (99, 143464), (118, 143560), (136, 143650), (150, 143722), (151, 143725),

Gene: Lethe_246 Start: 142204, Stop: 142974, Start Num: 14
Candidate Starts for Lethe_246:
(Start: 14 @142204 has 371 MA's), (Start: 19 @142222 has 1 MA's), (Start: 23 @142270 has 1 MA's), (28, 142297), (33, 142333), (45, 142402), (49, 142432), (52, 142447), (54, 142459), (59, 142498), (68, 142552), (71, 142573), (78, 142615), (105, 142711), (110, 142741), (123, 142804), (137, 142873),

Gene: LifeSavor_250 Start: 142393, Stop: 143148, Start Num: 14
Candidate Starts for LifeSavor_250:
(Start: 14 @142393 has 371 MA's), (24, 142468), (46, 142606), (48, 142612), (54, 142645), (57, 142672), (60, 142687), (62, 142708), (85, 142822), (92, 142843), (93, 142852), (98, 142867), (99, 142870), (118, 142966), (136, 143056), (150, 143128), (151, 143131),

Gene: LifeSavor_249 Start: 141610, Stop: 142380, Start Num: 14
Candidate Starts for LifeSavor_249:
(Start: 14 @141610 has 371 MA's), (Start: 19 @141628 has 1 MA's), (Start: 23 @141676 has 1 MA's), (28, 141703), (33, 141739), (45, 141808), (49, 141838), (52, 141853), (54, 141865), (59, 141904), (68, 141958), (71, 141979), (78, 142021), (105, 142117), (110, 142147), (123, 142210), (137, 142279),

Gene: LinStu_246 Start: 140465, Stop: 141220, Start Num: 14

Candidate Starts for LinStu_246:
(Start: 14 @140465 has 371 MA's), (24, 140540), (46, 140678), (48, 140684), (54, 140717), (57, 140744), (60, 140759), (62, 140780), (63, 140783), (92, 140915), (93, 140924), (98, 140939), (99, 140942), (111, 141002), (118, 141038), (136, 141128), (151, 141203),

Gene: LinStu_245 Start: 139682, Stop: 140452, Start Num: 14
Candidate Starts for LinStu_245:
(Start: 14 @139682 has 371 MA's), (Start: 17 @139691 has 5 MA's), (Start: 19 @139700 has 1 MA's), (Start: 23 @139748 has 1 MA's), (28, 139775), (33, 139811), (45, 139880), (49, 139910), (52, 139925), (54, 139937), (59, 139976), (68, 140030), (71, 140051), (78, 140093), (105, 140189), (110, 140219), (123, 140282), (137, 140351),

Gene: Littleton_252 Start: 141619, Stop: 142389, Start Num: 14
Candidate Starts for Littleton_252:
(Start: 14 @141619 has 371 MA's), (Start: 19 @141637 has 1 MA's), (Start: 23 @141685 has 1 MA's), (28, 141712), (33, 141748), (45, 141817), (49, 141847), (52, 141862), (54, 141874), (59, 141913), (68, 141967), (71, 141988), (78, 142030), (105, 142126), (110, 142156), (123, 142219), (137, 142288),

Gene: Littleton_253 Start: 142402, Stop: 143157, Start Num: 14
Candidate Starts for Littleton_253:
(Start: 14 @142402 has 371 MA's), (24, 142477), (46, 142615), (48, 142621), (54, 142654), (57, 142681), (60, 142696), (62, 142717), (85, 142831), (92, 142852), (93, 142861), (98, 142876), (99, 142879), (118, 142975), (136, 143065), (150, 143137), (151, 143140),

Gene: Loanshark_246 Start: 141752, Stop: 142507, Start Num: 14
Candidate Starts for Loanshark_246:
(Start: 14 @141752 has 371 MA's), (24, 141827), (46, 141965), (48, 141971), (54, 142004), (57, 142031), (60, 142046), (62, 142067), (85, 142181), (92, 142202), (93, 142211), (98, 142226), (99, 142229), (118, 142325), (136, 142415), (150, 142487), (151, 142490),

Gene: Loanshark_245 Start: 140969, Stop: 141739, Start Num: 14
Candidate Starts for Loanshark_245:
(Start: 14 @140969 has 371 MA's), (Start: 19 @140987 has 1 MA's), (Start: 23 @141035 has 1 MA's), (28, 141062), (33, 141098), (45, 141167), (49, 141197), (52, 141212), (54, 141224), (59, 141263), (68, 141317), (71, 141338), (78, 141380), (105, 141476), (110, 141506), (123, 141569), (137, 141638),

Gene: LolaVinca_245 Start: 142005, Stop: 142760, Start Num: 14
Candidate Starts for LolaVinca_245:
(Start: 14 @142005 has 371 MA's), (24, 142080), (46, 142218), (47, 142221), (48, 142224), (54, 142257), (57, 142284), (60, 142299), (62, 142320), (77, 142410), (92, 142455), (93, 142464), (98, 142479), (99, 142482), (118, 142578), (136, 142668), (150, 142740), (151, 142743),

Gene: LolaVinca_244 Start: 141222, Stop: 141992, Start Num: 14
Candidate Starts for LolaVinca_244:
(Start: 14 @141222 has 371 MA's), (Start: 19 @141240 has 1 MA's), (Start: 23 @141288 has 1 MA's), (28, 141315), (33, 141351), (45, 141420), (49, 141450), (52, 141465), (54, 141477), (59, 141516), (68, 141570), (71, 141591), (78, 141633), (105, 141729), (110, 141759), (123, 141822), (137, 141891),

Gene: LookingGlass_247 Start: 141910, Stop: 142665, Start Num: 14
Candidate Starts for LookingGlass_247:
(Start: 14 @141910 has 371 MA's), (24, 141985), (46, 142123), (48, 142129), (54, 142162), (57, 142189), (60, 142204), (62, 142225), (85, 142339), (92, 142360), (93, 142369), (98, 142384), (99, 142387), (118, 142483), (136, 142573), (150, 142645), (151, 142648),

Gene: LookingGlass_246 Start: 141127, Stop: 141897, Start Num: 14
Candidate Starts for LookingGlass_246:
(Start: 14 @141127 has 371 MA's), (Start: 19 @141145 has 1 MA's), (Start: 23 @141193 has 1 MA's), (28, 141220), (33, 141256), (45, 141325), (49, 141355), (52, 141370), (54, 141382), (59, 141421), (68, 141475), (71, 141496), (78, 141538), (105, 141634), (110, 141664), (123, 141727), (137, 141796),

Gene: LordLeafolot_249 Start: 140835, Stop: 141605, Start Num: 14
Candidate Starts for LordLeafolot_249:
(Start: 14 @140835 has 371 MA's), (Start: 19 @140853 has 1 MA's), (Start: 23 @140901 has 1 MA's), (28, 140928), (33, 140964), (45, 141033), (49, 141063), (52, 141078), (54, 141090), (59, 141129), (68, 141183), (71, 141204), (78, 141246), (105, 141342), (110, 141372), (123, 141435), (137, 141504),

Gene: LordLeafolot_250 Start: 141618, Stop: 142373, Start Num: 14
Candidate Starts for LordLeafolot_250:
(Start: 14 @141618 has 371 MA's), (24, 141693), (46, 141831), (47, 141834), (48, 141837), (54, 141870), (57, 141897), (60, 141912), (62, 141933), (77, 142023), (85, 142047), (92, 142068), (93, 142077), (98, 142092), (99, 142095), (118, 142191), (136, 142281), (150, 142353), (151, 142356),

Gene: Lukilu_238 Start: 142621, Stop: 143376, Start Num: 14
Candidate Starts for Lukilu_238:
(Start: 14 @142621 has 371 MA's), (24, 142696), (46, 142834), (48, 142840), (54, 142873), (57, 142900), (60, 142915), (62, 142936), (77, 143026), (85, 143050), (92, 143071), (93, 143080), (98, 143095), (99, 143098), (118, 143194), (136, 143284), (150, 143356), (151, 143359),

Gene: Lukilu_237 Start: 141838, Stop: 142608, Start Num: 14
Candidate Starts for Lukilu_237:
(Start: 14 @141838 has 371 MA's), (Start: 19 @141856 has 1 MA's), (Start: 23 @141904 has 1 MA's), (28, 141931), (33, 141967), (45, 142036), (49, 142066), (52, 142081), (54, 142093), (59, 142132), (68, 142186), (71, 142207), (78, 142249), (105, 142345), (110, 142375), (123, 142438), (137, 142507),

Gene: Lunareta_245 Start: 141536, Stop: 142306, Start Num: 14
Candidate Starts for Lunareta_245:
(Start: 14 @141536 has 371 MA's), (Start: 19 @141554 has 1 MA's), (Start: 23 @141602 has 1 MA's), (28, 141629), (33, 141665), (45, 141734), (49, 141764), (52, 141779), (54, 141791), (59, 141830), (68, 141884), (71, 141905), (78, 141947), (105, 142043), (110, 142073),

Gene: Lunareta_246 Start: 142319, Stop: 143074, Start Num: 14
Candidate Starts for Lunareta_246:
(Start: 14 @142319 has 371 MA's), (24, 142394), (48, 142538), (54, 142571), (57, 142598), (60, 142613), (62, 142634), (92, 142769), (93, 142778), (98, 142793), (99, 142796), (111, 142856), (118, 142892), (136, 142982), (151, 143057),

Gene: Maby2021_248 Start: 142073, Stop: 142843, Start Num: 14
Candidate Starts for Maby2021_248:
(Start: 14 @142073 has 371 MA's), (Start: 19 @142091 has 1 MA's), (Start: 23 @142139 has 1 MA's), (28, 142166), (33, 142202), (45, 142271), (49, 142301), (52, 142316), (54, 142328), (59, 142367), (68, 142421), (71, 142442), (78, 142484), (105, 142580), (110, 142610), (123, 142673), (137, 142742),

Gene: Maby2021_249 Start: 142856, Stop: 143611, Start Num: 14
Candidate Starts for Maby2021_249:
(Start: 14 @142856 has 371 MA's), (24, 142931), (46, 143069), (48, 143075), (54, 143108), (57, 143135), (60, 143150), (62, 143171), (85, 143285), (92, 143306), (93, 143315), (98, 143330), (99,

143333), (118, 143429), (136, 143519), (150, 143591), (151, 143594),

Gene: Mangeria_248 Start: 141733, Stop: 142503, Start Num: 14
Candidate Starts for Mangeria_248:
(Start: 14 @141733 has 371 MA's), (Start: 19 @141751 has 1 MA's), (Start: 23 @141799 has 1 MA's), (28, 141826), (33, 141862), (45, 141931), (49, 141961), (52, 141976), (54, 141988), (59, 142027), (68, 142081), (71, 142102), (78, 142144), (105, 142240), (110, 142270), (123, 142333), (137, 142402),

Gene: Mangeria_249 Start: 142516, Stop: 143271, Start Num: 14
Candidate Starts for Mangeria_249:
(Start: 14 @142516 has 371 MA's), (24, 142591), (46, 142729), (48, 142735), (54, 142768), (57, 142795), (60, 142810), (62, 142831), (85, 142945), (92, 142966), (93, 142975), (98, 142990), (99, 142993), (118, 143089), (136, 143179), (150, 143251), (151, 143254),

Gene: Matsumoto_247 Start: 141607, Stop: 142362, Start Num: 14
Candidate Starts for Matsumoto_247:
(Start: 14 @141607 has 371 MA's), (24, 141682), (46, 141820), (48, 141826), (54, 141859), (57, 141886), (60, 141901), (62, 141922), (85, 142036), (92, 142057), (93, 142066), (98, 142081), (99, 142084), (118, 142180), (136, 142270), (150, 142342), (151, 142345),

Gene: Matsumoto_246 Start: 140824, Stop: 141594, Start Num: 14
Candidate Starts for Matsumoto_246:
(Start: 14 @140824 has 371 MA's), (Start: 19 @140842 has 1 MA's), (Start: 23 @140890 has 1 MA's), (28, 140917), (33, 140953), (45, 141022), (49, 141052), (52, 141067), (54, 141079), (59, 141118), (68, 141172), (71, 141193), (78, 141235), (105, 141331), (110, 141361), (123, 141424), (137, 141493),

Gene: Maturis_242 Start: 140502, Stop: 141272, Start Num: 14
Candidate Starts for Maturis_242:
(Start: 14 @140502 has 371 MA's), (Start: 19 @140520 has 1 MA's), (Start: 23 @140568 has 1 MA's), (28, 140595), (33, 140631), (45, 140700), (49, 140730), (52, 140745), (54, 140757), (59, 140796), (68, 140850), (71, 140871), (78, 140913), (105, 141009), (110, 141039),

Gene: Maturis_243 Start: 141285, Stop: 142040, Start Num: 14
Candidate Starts for Maturis_243:
(Start: 14 @141285 has 371 MA's), (24, 141360), (48, 141504), (54, 141537), (57, 141564), (60, 141579), (62, 141600), (92, 141735), (93, 141744), (98, 141759), (99, 141762), (111, 141822), (118, 141858), (136, 141948), (151, 142023),

Gene: McGee_249 Start: 140721, Stop: 141491, Start Num: 14
Candidate Starts for McGee_249:
(Start: 14 @140721 has 371 MA's), (Start: 19 @140739 has 1 MA's), (Start: 23 @140787 has 1 MA's), (28, 140814), (33, 140850), (45, 140919), (49, 140949), (52, 140964), (54, 140976), (59, 141015), (68, 141069), (71, 141090), (78, 141132), (105, 141228), (110, 141258), (123, 141321), (137, 141390),

Gene: McGee_250 Start: 141504, Stop: 142259, Start Num: 14
Candidate Starts for McGee_250:
(Start: 14 @141504 has 371 MA's), (24, 141579), (46, 141717), (48, 141723), (54, 141756), (57, 141783), (60, 141798), (62, 141819), (85, 141933), (92, 141954), (93, 141963), (98, 141978), (99, 141981), (118, 142077), (136, 142167), (150, 142239), (151, 142242),

Gene: McWolfish_245 Start: 140831, Stop: 141601, Start Num: 14
Candidate Starts for McWolfish_245:

(Start: 14 @140831 has 371 MA's), (Start: 19 @140849 has 1 MA's), (Start: 23 @140897 has 1 MA's), (28, 140924), (33, 140960), (45, 141029), (49, 141059), (52, 141074), (54, 141086), (59, 141125), (68, 141179), (71, 141200), (78, 141242), (105, 141338), (110, 141368), (123, 141431), (137, 141500),

Gene: McWolfish_246 Start: 141614, Stop: 142369, Start Num: 14
Candidate Starts for McWolfish_246:
(Start: 14 @141614 has 371 MA's), (24, 141689), (46, 141827), (48, 141833), (54, 141866), (57, 141893), (60, 141908), (62, 141929), (77, 142019), (85, 142043), (92, 142064), (93, 142073), (98, 142088), (99, 142091), (118, 142187), (136, 142277), (150, 142349), (151, 142352),

Gene: Megamind_246 Start: 141939, Stop: 142694, Start Num: 14
Candidate Starts for Megamind_246:
(Start: 14 @141939 has 371 MA's), (24, 142014), (46, 142152), (48, 142158), (54, 142191), (57, 142218), (60, 142233), (62, 142254), (85, 142368), (92, 142389), (93, 142398), (98, 142413), (99, 142416), (118, 142512), (136, 142602), (150, 142674), (151, 142677),

Gene: Megamind_245 Start: 141156, Stop: 141926, Start Num: 14
Candidate Starts for Megamind_245:
(Start: 14 @141156 has 371 MA's), (Start: 19 @141174 has 1 MA's), (Start: 23 @141222 has 1 MA's), (28, 141249), (33, 141285), (45, 141354), (49, 141384), (52, 141399), (54, 141411), (59, 141450), (68, 141504), (71, 141525), (78, 141567), (105, 141663), (110, 141693), (123, 141756), (137, 141825),

Gene: Melpomini_243 Start: 139916, Stop: 140686, Start Num: 14
Candidate Starts for Melpomini_243:
(Start: 14 @139916 has 371 MA's), (Start: 19 @139934 has 1 MA's), (Start: 23 @139982 has 1 MA's), (28, 140009), (33, 140045), (45, 140114), (49, 140144), (52, 140159), (54, 140171), (59, 140210), (68, 140264), (71, 140285), (78, 140327), (105, 140423), (110, 140453), (123, 140516), (137, 140585),

Gene: Melpomini_244 Start: 140699, Stop: 141454, Start Num: 14
Candidate Starts for Melpomini_244:
(Start: 14 @140699 has 371 MA's), (24, 140774), (46, 140912), (48, 140918), (54, 140951), (57, 140978), (60, 140993), (62, 141014), (85, 141128), (92, 141149), (93, 141158), (98, 141173), (99, 141176), (118, 141272), (136, 141362), (150, 141434), (151, 141437),

Gene: MikeLiesIn_250 Start: 143075, Stop: 143830, Start Num: 14
Candidate Starts for MikeLiesIn_250:
(Start: 14 @143075 has 371 MA's), (24, 143150), (46, 143288), (48, 143294), (54, 143327), (57, 143354), (60, 143369), (62, 143390), (85, 143504), (92, 143525), (93, 143534), (98, 143549), (99, 143552), (118, 143648), (136, 143738), (150, 143810), (151, 143813),

Gene: MikeLiesIn_249 Start: 142292, Stop: 143062, Start Num: 14
Candidate Starts for MikeLiesIn_249:
(Start: 14 @142292 has 371 MA's), (Start: 19 @142310 has 1 MA's), (Start: 23 @142358 has 1 MA's), (28, 142385), (33, 142421), (45, 142490), (49, 142520), (52, 142535), (54, 142547), (59, 142586), (68, 142640), (71, 142661), (78, 142703), (105, 142799), (110, 142829), (123, 142892), (137, 142961),

Gene: Mikro_242 Start: 142735, Stop: 143505, Start Num: 14
Candidate Starts for Mikro_242:
(Start: 14 @142735 has 371 MA's), (Start: 19 @142753 has 1 MA's), (Start: 23 @142801 has 1 MA's), (28, 142828), (33, 142864), (45, 142933), (49, 142963), (52, 142978), (54, 142990), (59, 143029), (68, 143083), (71, 143104), (78, 143146), (105, 143242), (110, 143272), (123, 143335), (137, 143404),

Gene: Mikro_243 Start: 143518, Stop: 144273, Start Num: 14

Candidate Starts for Mikro_243:
(Start: 14 @143518 has 371 MA's), (24, 143593), (46, 143731), (48, 143737), (54, 143770), (57, 143797), (60, 143812), (62, 143833), (77, 143923), (85, 143947), (92, 143968), (93, 143977), (98, 143992), (99, 143995), (118, 144091), (136, 144181), (150, 144253), (151, 144256),

Gene: MoMoMixon_245 Start: 142034, Stop: 142789, Start Num: 14
Candidate Starts for MoMoMixon_245:
(Start: 14 @142034 has 371 MA's), (24, 142109), (46, 142247), (48, 142253), (54, 142286), (57, 142313), (60, 142328), (62, 142349), (77, 142439), (85, 142463), (92, 142484), (93, 142493), (98, 142508), (99, 142511), (118, 142607), (136, 142697), (150, 142769), (151, 142772),

Gene: MoMoMixon_244 Start: 141251, Stop: 142021, Start Num: 14
Candidate Starts for MoMoMixon_244:
(Start: 14 @141251 has 371 MA's), (Start: 19 @141269 has 1 MA's), (Start: 23 @141317 has 1 MA's), (28, 141344), (33, 141380), (45, 141449), (49, 141479), (52, 141494), (54, 141506), (59, 141545), (68, 141599), (71, 141620), (78, 141662), (105, 141758), (110, 141788), (123, 141851), (137, 141920),

Gene: Moby_245 Start: 139986, Stop: 140756, Start Num: 14
Candidate Starts for Moby_245:
(Start: 14 @139986 has 371 MA's), (Start: 19 @140004 has 1 MA's), (Start: 23 @140052 has 1 MA's), (28, 140079), (33, 140115), (45, 140184), (49, 140214), (52, 140229), (54, 140241), (59, 140280), (68, 140334), (71, 140355), (78, 140397), (105, 140493), (110, 140523),

Gene: Moby_246 Start: 140769, Stop: 141524, Start Num: 14
Candidate Starts for Moby_246:
(Start: 14 @140769 has 371 MA's), (24, 140844), (48, 140988), (54, 141021), (57, 141048), (60, 141063), (62, 141084), (92, 141219), (93, 141228), (98, 141243), (99, 141246), (111, 141306), (118, 141342), (136, 141432), (151, 141507),

Gene: Moiqah_244 Start: 139963, Stop: 140733, Start Num: 14
Candidate Starts for Moiqah_244:
(Start: 14 @139963 has 371 MA's), (Start: 19 @139981 has 1 MA's), (Start: 23 @140029 has 1 MA's), (28, 140056), (33, 140092), (45, 140161), (49, 140191), (52, 140206), (54, 140218), (59, 140257), (68, 140311), (71, 140332), (78, 140374), (105, 140470), (110, 140500),

Gene: Moiqah_245 Start: 140746, Stop: 141501, Start Num: 14
Candidate Starts for Moiqah_245:
(Start: 14 @140746 has 371 MA's), (24, 140821), (48, 140965), (54, 140998), (57, 141025), (60, 141040), (62, 141061), (92, 141196), (93, 141205), (98, 141220), (99, 141223), (111, 141283), (118, 141319), (136, 141409), (151, 141484),

Gene: Momo_250 Start: 140382, Stop: 141152, Start Num: 14
Candidate Starts for Momo_250:
(Start: 14 @140382 has 371 MA's), (Start: 19 @140400 has 1 MA's), (Start: 23 @140448 has 1 MA's), (28, 140475), (33, 140511), (45, 140580), (49, 140610), (52, 140625), (54, 140637), (59, 140676), (68, 140730), (71, 140751), (78, 140793), (105, 140889), (110, 140919), (123, 140982), (137, 141051),

Gene: Momo_251 Start: 141165, Stop: 141920, Start Num: 14
Candidate Starts for Momo_251:
(Start: 14 @141165 has 371 MA's), (24, 141240), (46, 141378), (48, 141384), (54, 141417), (57, 141444), (60, 141459), (62, 141480), (85, 141594), (92, 141615), (93, 141624), (98, 141639), (99, 141642), (118, 141738), (136, 141828), (150, 141900), (151, 141903),

Gene: Montpel_246 Start: 142317, Stop: 143072, Start Num: 14
Candidate Starts for Montpel_246:
(Start: 14 @142317 has 371 MA's), (24, 142392), (48, 142536), (54, 142569), (57, 142596), (60, 142611), (62, 142632), (92, 142767), (93, 142776), (98, 142791), (99, 142794), (111, 142854), (118, 142890), (136, 142980), (151, 143055),

Gene: Montpel_245 Start: 141534, Stop: 142304, Start Num: 14
Candidate Starts for Montpel_245:
(Start: 14 @141534 has 371 MA's), (Start: 19 @141552 has 1 MA's), (Start: 23 @141600 has 1 MA's), (28, 141627), (33, 141663), (45, 141732), (49, 141762), (52, 141777), (54, 141789), (59, 141828), (68, 141882), (71, 141903), (78, 141945), (105, 142041), (110, 142071),

Gene: Morizzled23_246 Start: 140532, Stop: 141287, Start Num: 14
Candidate Starts for Morizzled23_246:
(Start: 14 @140532 has 371 MA's), (24, 140607), (46, 140745), (48, 140751), (54, 140784), (57, 140811), (60, 140826), (62, 140847), (85, 140961), (92, 140982), (93, 140991), (98, 141006), (99, 141009), (118, 141105), (136, 141195), (150, 141267), (151, 141270),

Gene: Morizzled23_245 Start: 139749, Stop: 140519, Start Num: 14
Candidate Starts for Morizzled23_245:
(Start: 14 @139749 has 371 MA's), (Start: 19 @139767 has 1 MA's), (Start: 23 @139815 has 1 MA's), (28, 139842), (33, 139878), (45, 139947), (49, 139977), (52, 139992), (54, 140004), (59, 140043), (68, 140097), (71, 140118), (78, 140160), (105, 140256), (110, 140286), (123, 140349), (137, 140418),

Gene: Myrna_241 Start: 143700, Stop: 144467, Start Num: 18
Candidate Starts for Myrna_241:
(Start: 18 @143700 has 1 MA's), (Start: 19 @143715 has 1 MA's), (21, 143745), (37, 143847), (45, 143901), (55, 143961), (64, 144027), (71, 144072), (94, 144168), (105, 144207), (127, 144312), (133, 144357), (138, 144372), (141, 144387), (153, 144450),

Gene: Myrna_242 Start: 144467, Stop: 145198, Start Num: 13
Candidate Starts for Myrna_242:
(1, 144074), (4, 144266), (8, 144395), (Start: 13 @144467 has 2 MA's), (34, 144596), (44, 144653), (48, 144686), (54, 144719), (57, 144746), (61, 144767), (62, 144782), (72, 144833), (77, 144869), (80, 144878), (81, 144887), (86, 144896), (87, 144902), (100, 144947), (118, 145037), (146, 145148), (150, 145178),

Gene: Naija_250 Start: 141868, Stop: 142623, Start Num: 14
Candidate Starts for Naija_250:
(Start: 14 @141868 has 371 MA's), (24, 141943), (46, 142081), (48, 142087), (54, 142120), (57, 142147), (60, 142162), (62, 142183), (85, 142297), (92, 142318), (93, 142327), (98, 142342), (99, 142345), (118, 142441), (136, 142531), (150, 142603), (151, 142606),

Gene: Naija_249 Start: 141085, Stop: 141855, Start Num: 14
Candidate Starts for Naija_249:
(Start: 14 @141085 has 371 MA's), (Start: 19 @141103 has 1 MA's), (Start: 23 @141151 has 1 MA's), (28, 141178), (33, 141214), (45, 141283), (49, 141313), (52, 141328), (54, 141340), (59, 141379), (68, 141433), (71, 141454), (78, 141496), (105, 141592), (110, 141622), (123, 141685), (137, 141754),

Gene: Napoleon13_245 Start: 140114, Stop: 140884, Start Num: 14
Candidate Starts for Napoleon13_245:
(Start: 14 @140114 has 371 MA's), (Start: 19 @140132 has 1 MA's), (Start: 23 @140180 has 1 MA's), (28, 140207), (33, 140243), (45, 140312), (49, 140342), (52, 140357), (54, 140369), (59, 140408), (68,

140462), (71, 140483), (78, 140525), (105, 140621), (110, 140651), (123, 140714), (137, 140783),

Gene: Napoleon13_246 Start: 140897, Stop: 141652, Start Num: 14
Candidate Starts for Napoleon13_246:
(Start: 14 @140897 has 371 MA's), (24, 140972), (46, 141110), (48, 141116), (54, 141149), (57, 141176), (60, 141191), (62, 141212), (85, 141326), (92, 141347), (93, 141356), (98, 141371), (99, 141374), (118, 141470), (136, 141560), (150, 141632), (151, 141635),

Gene: Nappy_247 Start: 142191, Stop: 142961, Start Num: 14
Candidate Starts for Nappy_247:
(Start: 14 @142191 has 371 MA's), (Start: 19 @142209 has 1 MA's), (Start: 23 @142257 has 1 MA's), (28, 142284), (33, 142320), (45, 142389), (49, 142419), (52, 142434), (54, 142446), (59, 142485), (68, 142539), (71, 142560), (78, 142602), (105, 142698), (110, 142728), (123, 142791), (137, 142860),

Gene: Nappy_248 Start: 142974, Stop: 143729, Start Num: 14
Candidate Starts for Nappy_248:
(Start: 14 @142974 has 371 MA's), (24, 143049), (46, 143187), (48, 143193), (54, 143226), (57, 143253), (60, 143268), (62, 143289), (85, 143403), (92, 143424), (93, 143433), (98, 143448), (99, 143451), (118, 143547), (136, 143637), (150, 143709), (151, 143712),

Gene: Naval22_256 Start: 143648, Stop: 144403, Start Num: 14
Candidate Starts for Naval22_256:
(Start: 14 @143648 has 371 MA's), (24, 143723), (46, 143861), (48, 143867), (54, 143900), (57, 143927), (60, 143942), (62, 143963), (77, 144053), (85, 144077), (92, 144098), (93, 144107), (98, 144122), (99, 144125), (118, 144221), (136, 144311), (150, 144383), (151, 144386),

Gene: Naval22_255 Start: 142865, Stop: 143635, Start Num: 14
Candidate Starts for Naval22_255:
(Start: 14 @142865 has 371 MA's), (Start: 19 @142883 has 1 MA's), (Start: 23 @142931 has 1 MA's), (28, 142958), (33, 142994), (45, 143063), (49, 143093), (52, 143108), (54, 143120), (59, 143159), (68, 143213), (71, 143234), (78, 143276), (105, 143372), (110, 143402), (123, 143465), (137, 143534),

Gene: NedWong_247 Start: 141543, Stop: 142313, Start Num: 14
Candidate Starts for NedWong_247:
(Start: 14 @141543 has 371 MA's), (Start: 19 @141561 has 1 MA's), (Start: 23 @141609 has 1 MA's), (28, 141636), (33, 141672), (45, 141741), (49, 141771), (52, 141786), (54, 141798), (59, 141837), (68, 141891), (71, 141912), (78, 141954), (105, 142050), (110, 142080), (123, 142143), (137, 142212),

Gene: NedWong_248 Start: 142326, Stop: 143081, Start Num: 14
Candidate Starts for NedWong_248:
(Start: 14 @142326 has 371 MA's), (24, 142401), (46, 142539), (48, 142545), (54, 142578), (57, 142605), (60, 142620), (62, 142641), (85, 142755), (92, 142776), (93, 142785), (98, 142800), (99, 142803), (118, 142899), (136, 142989), (150, 143061), (151, 143064),

Gene: Ngannou_243 Start: 140067, Stop: 140837, Start Num: 14
Candidate Starts for Ngannou_243:
(Start: 14 @140067 has 371 MA's), (Start: 19 @140085 has 1 MA's), (Start: 23 @140133 has 1 MA's), (28, 140160), (33, 140196), (45, 140265), (49, 140295), (52, 140310), (54, 140322), (59, 140361), (68, 140415), (71, 140436), (78, 140478), (105, 140574), (110, 140604), (123, 140667), (137, 140736),

Gene: Ngannou_244 Start: 140850, Stop: 141605, Start Num: 14
Candidate Starts for Ngannou_244:

(Start: 14 @140850 has 371 MA's), (24, 140925), (46, 141063), (48, 141069), (54, 141102), (57, 141129), (60, 141144), (62, 141165), (85, 141279), (92, 141300), (93, 141309), (98, 141324), (99, 141327), (118, 141423), (136, 141513), (150, 141585), (151, 141588),

Gene: Nidhogg_250 Start: 142694, Stop: 143449, Start Num: 14
Candidate Starts for Nidhogg_250:
(Start: 14 @142694 has 371 MA's), (24, 142769), (46, 142907), (48, 142913), (54, 142946), (57, 142973), (60, 142988), (62, 143009), (77, 143099), (85, 143123), (92, 143144), (93, 143153), (98, 143168), (99, 143171), (118, 143267), (136, 143357), (150, 143429), (151, 143432),

Gene: Nidhogg_249 Start: 141911, Stop: 142681, Start Num: 14
Candidate Starts for Nidhogg_249:
(Start: 14 @141911 has 371 MA's), (Start: 19 @141929 has 1 MA's), (Start: 23 @141977 has 1 MA's), (28, 142004), (33, 142040), (45, 142109), (49, 142139), (52, 142154), (54, 142166), (59, 142205), (68, 142259), (71, 142280), (78, 142322), (105, 142418), (110, 142448), (123, 142511), (137, 142580),

Gene: NoodleTree_245 Start: 137445, Stop: 138200, Start Num: 14
Candidate Starts for NoodleTree_245:
(Start: 14 @137445 has 371 MA's), (24, 137520), (46, 137658), (48, 137664), (54, 137697), (57, 137724), (60, 137739), (62, 137760), (77, 137850), (85, 137874), (92, 137895), (93, 137904), (98, 137919), (99, 137922), (118, 138018), (136, 138108), (150, 138180), (151, 138183),

Gene: NoodleTree_244 Start: 136662, Stop: 137432, Start Num: 14
Candidate Starts for NoodleTree_244:
(Start: 14 @136662 has 371 MA's), (Start: 19 @136680 has 1 MA's), (Start: 23 @136728 has 1 MA's), (28, 136755), (33, 136791), (45, 136860), (49, 136890), (52, 136905), (54, 136917), (59, 136956), (68, 137010), (71, 137031), (78, 137073), (105, 137169), (110, 137199), (123, 137262), (137, 137331),

Gene: Norm_249 Start: 142595, Stop: 143350, Start Num: 14
Candidate Starts for Norm_249:
(Start: 14 @142595 has 371 MA's), (24, 142670), (46, 142808), (48, 142814), (54, 142847), (57, 142874), (60, 142889), (62, 142910), (85, 143024), (92, 143045), (93, 143054), (98, 143069), (99, 143072), (118, 143168), (136, 143258), (150, 143330), (151, 143333),

Gene: Norm_248 Start: 141812, Stop: 142582, Start Num: 14
Candidate Starts for Norm_248:
(Start: 14 @141812 has 371 MA's), (Start: 19 @141830 has 1 MA's), (Start: 23 @141878 has 1 MA's), (28, 141905), (33, 141941), (45, 142010), (49, 142040), (52, 142055), (54, 142067), (59, 142106), (68, 142160), (71, 142181), (78, 142223), (105, 142319), (110, 142349), (123, 142412), (137, 142481),

Gene: NuevoMundo_250 Start: 142298, Stop: 143068, Start Num: 14
Candidate Starts for NuevoMundo_250:
(Start: 14 @142298 has 371 MA's), (Start: 19 @142316 has 1 MA's), (Start: 23 @142364 has 1 MA's), (28, 142391), (33, 142427), (45, 142496), (49, 142526), (52, 142541), (54, 142553), (59, 142592), (68, 142646), (71, 142667), (78, 142709), (105, 142805), (110, 142835), (123, 142898), (137, 142967),

Gene: NuevoMundo_251 Start: 143081, Stop: 143836, Start Num: 14
Candidate Starts for NuevoMundo_251:
(Start: 14 @143081 has 371 MA's), (24, 143156), (46, 143294), (48, 143300), (54, 143333), (57, 143360), (60, 143375), (62, 143396), (85, 143510), (92, 143531), (93, 143540), (98, 143555), (99, 143558), (118, 143654), (136, 143744), (150, 143816), (151, 143819),

Gene: OrediggerDelux_244 Start: 142821, Stop: 143576, Start Num: 14

Candidate Starts for OrediggerDelux_244:
(Start: 14 @142821 has 371 MA's), (24, 142896), (46, 143034), (48, 143040), (54, 143073), (57, 143100), (60, 143115), (62, 143136), (85, 143250), (92, 143271), (93, 143280), (98, 143295), (99, 143298), (118, 143394), (136, 143484), (150, 143556), (151, 143559),

Gene: OrediggerDelux_243 Start: 142038, Stop: 142808, Start Num: 14
Candidate Starts for OrediggerDelux_243:
(Start: 14 @142038 has 371 MA's), (Start: 19 @142056 has 1 MA's), (Start: 23 @142104 has 1 MA's), (28, 142131), (33, 142167), (45, 142236), (49, 142266), (52, 142281), (54, 142293), (59, 142332), (68, 142386), (71, 142407), (78, 142449), (105, 142545), (110, 142575), (123, 142638), (137, 142707),

Gene: ParkTD_248 Start: 142165, Stop: 142920, Start Num: 14
Candidate Starts for ParkTD_248:
(Start: 14 @142165 has 371 MA's), (24, 142240), (46, 142378), (48, 142384), (54, 142417), (57, 142444), (60, 142459), (62, 142480), (85, 142594), (92, 142615), (93, 142624), (98, 142639), (99, 142642), (118, 142738), (136, 142828), (150, 142900), (151, 142903),

Gene: ParkTD_247 Start: 141382, Stop: 142152, Start Num: 14
Candidate Starts for ParkTD_247:
(Start: 14 @141382 has 371 MA's), (Start: 19 @141400 has 1 MA's), (Start: 23 @141448 has 1 MA's), (28, 141475), (33, 141511), (45, 141580), (49, 141610), (52, 141625), (54, 141637), (59, 141676), (68, 141730), (71, 141751), (78, 141793), (105, 141889), (110, 141919), (123, 141982), (137, 142051),

Gene: Patter_251 Start: 141825, Stop: 142580, Start Num: 14
Candidate Starts for Patter_251:
(Start: 14 @141825 has 371 MA's), (24, 141900), (46, 142038), (47, 142041), (48, 142044), (54, 142077), (57, 142104), (60, 142119), (62, 142140), (92, 142275), (93, 142284), (98, 142299), (99, 142302), (118, 142398), (136, 142488), (150, 142560), (151, 142563),

Gene: Patter_250 Start: 141042, Stop: 141812, Start Num: 14
Candidate Starts for Patter_250:
(Start: 14 @141042 has 371 MA's), (Start: 19 @141060 has 1 MA's), (Start: 23 @141108 has 1 MA's), (28, 141135), (33, 141171), (45, 141240), (49, 141270), (52, 141285), (54, 141297), (59, 141336), (68, 141390), (71, 141411), (78, 141453), (105, 141549), (110, 141579), (123, 141642), (137, 141711),

Gene: Phabba_251 Start: 143092, Stop: 143853, Start Num: 17
Candidate Starts for Phabba_251:
(Start: 17 @143092 has 5 MA's), (21, 143131), (38, 143248), (51, 143326), (55, 143347), (60, 143386), (64, 143413), (105, 143593), (110, 143623), (138, 143758), (153, 143836),

Gene: Phabba_252 Start: 143853, Stop: 144581, Start Num: 13
Candidate Starts for Phabba_252:
(1, 143460), (4, 143652), (5, 143655), (7, 143694), (8, 143781), (Start: 13 @143853 has 2 MA's), (31, 143958), (34, 143982), (44, 144039), (48, 144072), (52, 144093), (54, 144105), (57, 144129), (61, 144150), (62, 144165), (77, 144252), (80, 144261), (87, 144285), (118, 144420),

Gene: PharkleMinkus_250 Start: 139986, Stop: 140756, Start Num: 14
Candidate Starts for PharkleMinkus_250:
(Start: 14 @139986 has 371 MA's), (Start: 19 @140004 has 1 MA's), (Start: 23 @140052 has 1 MA's), (28, 140079), (33, 140115), (45, 140184), (49, 140214), (52, 140229), (54, 140241), (59, 140280), (68, 140334), (71, 140355), (78, 140397), (105, 140493), (110, 140523), (123, 140586), (137, 140655),

Gene: PharkleMinkus_251 Start: 140769, Stop: 141524, Start Num: 14

Candidate Starts for PharkleMinkus_251:
(Start: 14 @140769 has 371 MA's), (24, 140844), (46, 140982), (48, 140988), (54, 141021), (57, 141048), (60, 141063), (62, 141084), (85, 141198), (92, 141219), (93, 141228), (98, 141243), (99, 141246), (118, 141342), (136, 141432), (150, 141504), (151, 141507),

Gene: Phlegm_254 Start: 142571, Stop: 143326, Start Num: 14
Candidate Starts for Phlegm_254:
(Start: 14 @142571 has 371 MA's), (24, 142646), (46, 142784), (48, 142790), (54, 142823), (57, 142850), (60, 142865), (62, 142886), (85, 143000), (92, 143021), (93, 143030), (98, 143045), (99, 143048), (118, 143144), (136, 143234), (150, 143306), (151, 143309),

Gene: Phlegm_253 Start: 141788, Stop: 142558, Start Num: 14
Candidate Starts for Phlegm_253:
(Start: 14 @141788 has 371 MA's), (Start: 19 @141806 has 1 MA's), (Start: 23 @141854 has 1 MA's), (28, 141881), (33, 141917), (45, 141986), (49, 142016), (52, 142031), (54, 142043), (59, 142082), (68, 142136), (71, 142157), (78, 142199), (105, 142295), (110, 142325), (123, 142388), (137, 142457),

Gene: Phox_249 Start: 141037, Stop: 141807, Start Num: 14
Candidate Starts for Phox_249:
(Start: 14 @141037 has 371 MA's), (Start: 19 @141055 has 1 MA's), (Start: 23 @141103 has 1 MA's), (28, 141130), (33, 141166), (45, 141235), (49, 141265), (52, 141280), (54, 141292), (59, 141331), (68, 141385), (71, 141406), (78, 141448), (105, 141544), (110, 141574), (123, 141637), (137, 141706),

Gene: Phox_250 Start: 141820, Stop: 142575, Start Num: 14
Candidate Starts for Phox_250:
(Start: 14 @141820 has 371 MA's), (24, 141895), (46, 142033), (48, 142039), (54, 142072), (57, 142099), (60, 142114), (62, 142135), (77, 142225), (85, 142249), (92, 142270), (93, 142279), (98, 142294), (99, 142297), (118, 142393), (136, 142483), (150, 142555), (151, 142558),

Gene: Phrappuccino_200 Start: 134764, Stop: 135528, Start Num: 14
Candidate Starts for Phrappuccino_200:
(Start: 14 @134764 has 371 MA's), (21, 134812), (22, 134815), (32, 134884), (45, 134968), (54, 135025), (68, 135121), (88, 135217), (89, 135220), (91, 135226), (108, 135301), (125, 135367), (128, 135379), (152, 135508),

Gene: Phrappuccino_201 Start: 135538, Stop: 136299, Start Num: 14
Candidate Starts for Phrappuccino_201:
(Start: 14 @135538 has 371 MA's), (21, 135586), (22, 135589), (54, 135790), (60, 135832), (62, 135853), (63, 135856), (86, 135967), (114, 136093), (120, 136120), (127, 136147), (129, 136159), (136, 136201), (151, 136282), (153, 136288), (154, 136294),

Gene: Phusco_248 Start: 141403, Stop: 142158, Start Num: 14
Candidate Starts for Phusco_248:
(Start: 14 @141403 has 371 MA's), (24, 141478), (46, 141616), (48, 141622), (54, 141655), (57, 141682), (60, 141697), (62, 141718), (85, 141832), (92, 141853), (93, 141862), (98, 141877), (99, 141880), (118, 141976), (136, 142066), (150, 142138), (151, 142141),

Gene: Phusco_247 Start: 140620, Stop: 141390, Start Num: 14
Candidate Starts for Phusco_247:
(Start: 14 @140620 has 371 MA's), (Start: 19 @140638 has 1 MA's), (Start: 23 @140686 has 1 MA's), (28, 140713), (33, 140749), (45, 140818), (49, 140848), (52, 140863), (54, 140875), (59, 140914), (68, 140968), (71, 140989), (78, 141031), (105, 141127), (110, 141157), (123, 141220), (137, 141289),

Gene: Pier_248 Start: 142696, Stop: 143451, Start Num: 14
Candidate Starts for Pier_248:
(Start: 14 @142696 has 371 MA's), (24, 142771), (46, 142909), (48, 142915), (54, 142948), (57, 142975), (60, 142990), (62, 143011), (85, 143125), (92, 143146), (93, 143155), (98, 143170), (99, 143173), (118, 143269), (136, 143359), (150, 143431), (151, 143434),

Gene: Pier_247 Start: 141913, Stop: 142683, Start Num: 14
Candidate Starts for Pier_247:
(Start: 14 @141913 has 371 MA's), (Start: 19 @141931 has 1 MA's), (Start: 23 @141979 has 1 MA's), (28, 142006), (33, 142042), (45, 142111), (49, 142141), (52, 142156), (54, 142168), (59, 142207), (68, 142261), (71, 142282), (78, 142324), (105, 142420), (110, 142450), (123, 142513), (137, 142582),

Gene: Pinkcreek_229 Start: 138993, Stop: 139748, Start Num: 14
Candidate Starts for Pinkcreek_229:
(Start: 14 @138993 has 371 MA's), (24, 139068), (46, 139206), (48, 139212), (54, 139245), (57, 139272), (60, 139287), (62, 139308), (92, 139443), (93, 139452), (98, 139467), (99, 139470), (118, 139566), (136, 139656), (151, 139731),

Gene: Pinkcreek_228 Start: 138210, Stop: 138980, Start Num: 14
Candidate Starts for Pinkcreek_228:
(Start: 14 @138210 has 371 MA's), (Start: 19 @138228 has 1 MA's), (Start: 23 @138276 has 1 MA's), (28, 138303), (33, 138339), (45, 138408), (49, 138438), (52, 138453), (54, 138465), (59, 138504), (68, 138558), (71, 138579), (78, 138621), (105, 138717), (110, 138747), (123, 138810), (137, 138879),

Gene: Pio_255 Start: 143116, Stop: 143886, Start Num: 14
Candidate Starts for Pio_255:
(Start: 14 @143116 has 371 MA's), (Start: 19 @143134 has 1 MA's), (Start: 23 @143182 has 1 MA's), (28, 143209), (33, 143245), (45, 143314), (49, 143344), (52, 143359), (54, 143371), (59, 143410), (68, 143464), (71, 143485), (78, 143527), (105, 143623), (110, 143653), (123, 143716), (137, 143785),

Gene: Pio_256 Start: 143899, Stop: 144654, Start Num: 14
Candidate Starts for Pio_256:
(Start: 14 @143899 has 371 MA's), (24, 143974), (46, 144112), (48, 144118), (54, 144151), (57, 144178), (60, 144193), (62, 144214), (85, 144328), (92, 144349), (93, 144358), (98, 144373), (99, 144376), (118, 144472), (136, 144562), (150, 144634), (151, 144637),

Gene: Pivoine_249 Start: 141085, Stop: 141855, Start Num: 14
Candidate Starts for Pivoine_249:
(Start: 14 @141085 has 371 MA's), (Start: 19 @141103 has 1 MA's), (Start: 23 @141151 has 1 MA's), (28, 141178), (33, 141214), (45, 141283), (49, 141313), (52, 141328), (54, 141340), (59, 141379), (68, 141433), (71, 141454), (78, 141496), (105, 141592), (110, 141622), (123, 141685), (137, 141754),

Gene: Pivoine_250 Start: 141868, Stop: 142623, Start Num: 14
Candidate Starts for Pivoine_250:
(Start: 14 @141868 has 371 MA's), (24, 141943), (46, 142081), (48, 142087), (54, 142120), (57, 142147), (60, 142162), (62, 142183), (85, 142297), (92, 142318), (93, 142327), (98, 142342), (99, 142345), (118, 142441), (136, 142531), (150, 142603), (151, 142606),

Gene: Pleione_252 Start: 141848, Stop: 142618, Start Num: 14
Candidate Starts for Pleione_252:
(Start: 14 @141848 has 371 MA's), (Start: 19 @141866 has 1 MA's), (Start: 23 @141914 has 1 MA's), (28, 141941), (33, 141977), (45, 142046), (49, 142076), (52, 142091), (54, 142103), (59, 142142), (68, 142196), (71, 142217), (78, 142259), (105, 142355), (110, 142385), (123, 142448), (137, 142517),

Gene: Pleione_253 Start: 142631, Stop: 143386, Start Num: 14
Candidate Starts for Pleione_253:
(Start: 14 @142631 has 371 MA's), (24, 142706), (46, 142844), (48, 142850), (54, 142883), (57, 142910), (60, 142925), (62, 142946), (85, 143060), (92, 143081), (93, 143090), (98, 143105), (99, 143108), (118, 143204), (136, 143294), (150, 143366), (151, 143369),

Gene: Primadonna_243 Start: 141531, Stop: 142286, Start Num: 14
Candidate Starts for Primadonna_243:
(Start: 14 @141531 has 371 MA's), (24, 141606), (46, 141744), (48, 141750), (54, 141783), (57, 141810), (60, 141825), (62, 141846), (85, 141960), (92, 141981), (93, 141990), (98, 142005), (99, 142008), (118, 142104), (136, 142194), (150, 142266), (151, 142269),

Gene: Primadonna_242 Start: 140748, Stop: 141518, Start Num: 14
Candidate Starts for Primadonna_242:
(Start: 14 @140748 has 371 MA's), (Start: 19 @140766 has 1 MA's), (Start: 23 @140814 has 1 MA's), (28, 140841), (33, 140877), (45, 140946), (49, 140976), (52, 140991), (54, 141003), (59, 141042), (68, 141096), (71, 141117), (78, 141159), (105, 141255), (110, 141285), (123, 141348), (137, 141417),

Gene: Pupper_170 Start: 124197, Stop: 124955, Start Num: 14
Candidate Starts for Pupper_170:
(Start: 14 @124197 has 371 MA's), (16, 124203), (32, 124314), (36, 124335), (53, 124440), (54, 124449), (62, 124512), (63, 124515), (69, 124545), (76, 124578), (80, 124608), (87, 124632), (88, 124635), (89, 124638), (101, 124683), (113, 124740), (120, 124779), (122, 124788), (126, 124806), (150, 124935),

Gene: Pupper_169 Start: 123429, Stop: 124184, Start Num: 17
Candidate Starts for Pupper_169:
(Start: 14 @123420 has 371 MA's), (Start: 17 @123429 has 5 MA's), (Start: 19 @123444 has 1 MA's), (21, 123474), (22, 123477), (54, 123681), (79, 123834), (87, 123861), (90, 123870), (93, 123882), (110, 123960), (114, 123981), (122, 124017),

Gene: Pupusa_252 Start: 143194, Stop: 143949, Start Num: 14
Candidate Starts for Pupusa_252:
(Start: 14 @143194 has 371 MA's), (24, 143269), (46, 143407), (48, 143413), (54, 143446), (57, 143473), (60, 143488), (62, 143509), (92, 143644), (93, 143653), (98, 143668), (99, 143671), (111, 143731), (118, 143767), (136, 143857), (150, 143929), (151, 143932),

Gene: Pupusa_251 Start: 142411, Stop: 143181, Start Num: 14
Candidate Starts for Pupusa_251:
(Start: 14 @142411 has 371 MA's), (Start: 19 @142429 has 1 MA's), (Start: 23 @142477 has 1 MA's), (28, 142504), (33, 142540), (45, 142609), (49, 142639), (52, 142654), (54, 142666), (59, 142705), (68, 142759), (71, 142780), (78, 142822), (105, 142918), (110, 142948), (123, 143011), (137, 143080),

Gene: PurduePete_248 Start: 142113, Stop: 142883, Start Num: 14
Candidate Starts for PurduePete_248:
(Start: 14 @142113 has 371 MA's), (Start: 19 @142131 has 1 MA's), (Start: 23 @142179 has 1 MA's), (28, 142206), (33, 142242), (45, 142311), (49, 142341), (52, 142356), (54, 142368), (59, 142407), (68, 142461), (71, 142482), (78, 142524), (105, 142620), (110, 142650), (123, 142713), (137, 142782),

Gene: PurduePete_249 Start: 142896, Stop: 143651, Start Num: 14
Candidate Starts for PurduePete_249:

(Start: 14 @142896 has 371 MA's), (24, 142971), (46, 143109), (48, 143115), (54, 143148), (57, 143175), (60, 143190), (62, 143211), (85, 143325), (92, 143346), (93, 143355), (98, 143370), (99, 143373), (118, 143469), (136, 143559), (150, 143631), (151, 143634),

Gene: QBert_240 Start: 139435, Stop: 140205, Start Num: 14
Candidate Starts for QBert_240:
(Start: 14 @139435 has 371 MA's), (Start: 19 @139453 has 1 MA's), (Start: 23 @139501 has 1 MA's), (28, 139528), (33, 139564), (45, 139633), (49, 139663), (52, 139678), (54, 139690), (59, 139729), (68, 139783), (71, 139804), (78, 139846), (105, 139942), (110, 139972), (123, 140035), (137, 140104),

Gene: QBert_241 Start: 140218, Stop: 140973, Start Num: 14
Candidate Starts for QBert_241:
(Start: 14 @140218 has 371 MA's), (24, 140293), (46, 140431), (48, 140437), (54, 140470), (57, 140497), (60, 140512), (62, 140533), (92, 140668), (93, 140677), (98, 140692), (99, 140695), (111, 140755), (118, 140791), (136, 140881), (150, 140953), (151, 140956),

Gene: Quasimodo_251 Start: 141421, Stop: 142191, Start Num: 14
Candidate Starts for Quasimodo_251:
(Start: 14 @141421 has 371 MA's), (Start: 19 @141439 has 1 MA's), (Start: 23 @141487 has 1 MA's), (28, 141514), (33, 141550), (45, 141619), (49, 141649), (52, 141664), (54, 141676), (59, 141715), (68, 141769), (71, 141790), (78, 141832), (105, 141928), (110, 141958), (123, 142021), (137, 142090),

Gene: Quasimodo_252 Start: 142204, Stop: 142959, Start Num: 14
Candidate Starts for Quasimodo_252:
(Start: 14 @142204 has 371 MA's), (24, 142279), (46, 142417), (48, 142423), (54, 142456), (57, 142483), (60, 142498), (62, 142519), (85, 142633), (92, 142654), (93, 142663), (98, 142678), (99, 142681), (118, 142777), (136, 142867), (150, 142939), (151, 142942),

Gene: Rabinovish_241 Start: 139925, Stop: 140695, Start Num: 14
Candidate Starts for Rabinovish_241:
(Start: 14 @139925 has 371 MA's), (Start: 19 @139943 has 1 MA's), (Start: 23 @139991 has 1 MA's), (28, 140018), (33, 140054), (45, 140123), (49, 140153), (52, 140168), (54, 140180), (59, 140219), (68, 140273), (71, 140294), (78, 140336), (105, 140432), (110, 140462), (123, 140525), (137, 140594),

Gene: Rabinovish_242 Start: 140708, Stop: 141463, Start Num: 14
Candidate Starts for Rabinovish_242:
(Start: 14 @140708 has 371 MA's), (24, 140783), (46, 140921), (48, 140927), (54, 140960), (57, 140987), (60, 141002), (62, 141023), (85, 141137), (92, 141158), (93, 141167), (98, 141182), (99, 141185), (118, 141281), (136, 141371), (150, 141443), (151, 141446),

Gene: Rahel_250 Start: 141523, Stop: 142293, Start Num: 14
Candidate Starts for Rahel_250:
(Start: 14 @141523 has 371 MA's), (Start: 19 @141541 has 1 MA's), (Start: 23 @141589 has 1 MA's), (28, 141616), (33, 141652), (45, 141721), (49, 141751), (52, 141766), (54, 141778), (59, 141817), (68, 141871), (71, 141892), (78, 141934), (105, 142030), (110, 142060), (123, 142123), (137, 142192),

Gene: Rahel_251 Start: 142306, Stop: 143061, Start Num: 14
Candidate Starts for Rahel_251:
(Start: 14 @142306 has 371 MA's), (24, 142381), (46, 142519), (48, 142525), (54, 142558), (57, 142585), (60, 142600), (62, 142621), (85, 142735), (92, 142756), (93, 142765), (98, 142780), (99, 142783), (118, 142879), (136, 142969), (150, 143041), (151, 143044),

Gene: RedWattleHog_194 Start: 118718, Stop: 119476, Start Num: 15

Candidate Starts for RedWattleHog_194:
(Start: 15 @118718 has 4 MA's), (28, 118811), (45, 118916), (50, 118952), (56, 118997), (115, 119258), (118, 119273), (135, 119360),

Gene: RedWattleHog_195 Start: 119484, Stop: 120227, Start Num: 14
Candidate Starts for RedWattleHog_195:
(Start: 14 @119484 has 371 MA's), (Start: 23 @119550 has 1 MA's), (28, 119577), (29, 119580), (32, 119604), (88, 119922), (105, 119991), (145, 120177),

Gene: RedWattleHog_196 Start: 120238, Stop: 121008, Start Num: 155
Candidate Starts for RedWattleHog_196:
(49, 119710), (119, 120061), (Start: 155 @120238 has 2 MA's), (163, 120313), (164, 120325), (165, 120328), (167, 120355), (173, 120412), (174, 120433), (175, 120457), (182, 120544), (188, 120646), (191, 120688), (198, 120769), (203, 120841), (205, 120847), (209, 120877), (211, 120913), (213, 120949),

Gene: Rizal_238 Start: 140121, Stop: 140876, Start Num: 14
Candidate Starts for Rizal_238:
(Start: 14 @140121 has 371 MA's), (24, 140196), (46, 140334), (48, 140340), (54, 140373), (57, 140400), (60, 140415), (62, 140436), (85, 140550), (92, 140571), (93, 140580), (98, 140595), (99, 140598), (118, 140694), (136, 140784), (150, 140856), (151, 140859),

Gene: Rizal_237 Start: 139338, Stop: 140108, Start Num: 14
Candidate Starts for Rizal_237:
(Start: 14 @139338 has 371 MA's), (Start: 19 @139356 has 1 MA's), (Start: 23 @139404 has 1 MA's), (28, 139431), (33, 139467), (45, 139536), (49, 139566), (52, 139581), (54, 139593), (59, 139632), (68, 139686), (71, 139707), (78, 139749), (105, 139845), (110, 139875), (123, 139938), (137, 140007),

Gene: RoMag_244 Start: 141902, Stop: 142657, Start Num: 14
Candidate Starts for RoMag_244:
(Start: 14 @141902 has 371 MA's), (24, 141977), (46, 142115), (48, 142121), (54, 142154), (57, 142181), (60, 142196), (62, 142217), (85, 142331), (92, 142352), (93, 142361), (98, 142376), (99, 142379), (118, 142475), (136, 142565), (150, 142637), (151, 142640),

Gene: RoMag_243 Start: 141119, Stop: 141889, Start Num: 14
Candidate Starts for RoMag_243:
(Start: 14 @141119 has 371 MA's), (Start: 19 @141137 has 1 MA's), (Start: 23 @141185 has 1 MA's), (28, 141212), (33, 141248), (45, 141317), (49, 141347), (52, 141362), (54, 141374), (59, 141413), (68, 141467), (71, 141488), (78, 141530), (105, 141626), (110, 141656), (123, 141719), (137, 141788),

Gene: Rocha_244 Start: 140684, Stop: 141454, Start Num: 14
Candidate Starts for Rocha_244:
(Start: 14 @140684 has 371 MA's), (Start: 19 @140702 has 1 MA's), (Start: 23 @140750 has 1 MA's), (28, 140777), (33, 140813), (45, 140882), (49, 140912), (52, 140927), (54, 140939), (59, 140978), (68, 141032), (71, 141053), (78, 141095), (105, 141191), (110, 141221), (123, 141284), (137, 141353),

Gene: Rocha_245 Start: 141467, Stop: 142222, Start Num: 14
Candidate Starts for Rocha_245:
(Start: 14 @141467 has 371 MA's), (24, 141542), (46, 141680), (48, 141686), (54, 141719), (57, 141746), (60, 141761), (62, 141782), (77, 141872), (85, 141896), (92, 141917), (93, 141926), (98, 141941), (99, 141944), (118, 142040), (136, 142130), (150, 142202), (151, 142205),

Gene: Ronan_244 Start: 139471, Stop: 140241, Start Num: 14

Candidate Starts for Ronan_244:
(Start: 14 @139471 has 371 MA's), (Start: 19 @139489 has 1 MA's), (Start: 23 @139537 has 1 MA's), (28, 139564), (33, 139600), (45, 139669), (49, 139699), (52, 139714), (54, 139726), (59, 139765), (68, 139819), (71, 139840), (78, 139882), (105, 139978), (110, 140008), (123, 140071), (137, 140140),

Gene: Ronan_245 Start: 140254, Stop: 141009, Start Num: 14
Candidate Starts for Ronan_245:
(Start: 14 @140254 has 371 MA's), (24, 140329), (46, 140467), (48, 140473), (54, 140506), (57, 140533), (60, 140548), (62, 140569), (63, 140572), (92, 140704), (93, 140713), (98, 140728), (99, 140731), (111, 140791), (118, 140827), (136, 140917), (151, 140992),

Gene: Roots515_252 Start: 143447, Stop: 144202, Start Num: 14
Candidate Starts for Roots515_252:
(Start: 14 @143447 has 371 MA's), (24, 143522), (46, 143660), (48, 143666), (54, 143699), (57, 143726), (60, 143741), (62, 143762), (85, 143876), (92, 143897), (93, 143906), (98, 143921), (99, 143924), (118, 144020), (136, 144110), (150, 144182), (151, 144185),

Gene: Roots515_251 Start: 142664, Stop: 143434, Start Num: 14
Candidate Starts for Roots515_251:
(Start: 14 @142664 has 371 MA's), (Start: 19 @142682 has 1 MA's), (Start: 23 @142730 has 1 MA's), (28, 142757), (33, 142793), (45, 142862), (49, 142892), (52, 142907), (54, 142919), (59, 142958), (68, 143012), (71, 143033), (78, 143075), (105, 143171), (110, 143201), (123, 143264), (137, 143333),

Gene: SCentae_169 Start: 124390, Stop: 125148, Start Num: 14
Candidate Starts for SCentae_169:
(Start: 14 @124390 has 371 MA's), (16, 124396), (32, 124507), (36, 124528), (53, 124633), (54, 124642), (62, 124705), (63, 124708), (69, 124738), (76, 124771), (80, 124801), (87, 124825), (88, 124828), (89, 124831), (101, 124876), (113, 124933), (120, 124972), (122, 124981), (126, 124999), (150, 125128),

Gene: SCentae_168 Start: 123622, Stop: 124377, Start Num: 17
Candidate Starts for SCentae_168:
(Start: 14 @123613 has 371 MA's), (Start: 17 @123622 has 5 MA's), (Start: 19 @123637 has 1 MA's), (21, 123667), (22, 123670), (54, 123874), (79, 124027), (87, 124054), (90, 124063), (93, 124075), (110, 124153), (114, 124174), (122, 124210),

Gene: SVoro_244 Start: 142204, Stop: 142959, Start Num: 14
Candidate Starts for SVoro_244:
(Start: 14 @142204 has 371 MA's), (24, 142279), (46, 142417), (48, 142423), (54, 142456), (57, 142483), (60, 142498), (62, 142519), (77, 142609), (85, 142633), (92, 142654), (93, 142663), (98, 142678), (99, 142681), (118, 142777), (136, 142867), (150, 142939), (151, 142942),

Gene: SVoro_243 Start: 141421, Stop: 142191, Start Num: 14
Candidate Starts for SVoro_243:
(Start: 14 @141421 has 371 MA's), (Start: 19 @141439 has 1 MA's), (Start: 23 @141487 has 1 MA's), (28, 141514), (33, 141550), (45, 141619), (49, 141649), (52, 141664), (54, 141676), (59, 141715), (68, 141769), (71, 141790), (78, 141832), (105, 141928), (110, 141958), (123, 142021), (137, 142090),

Gene: Salacia_250 Start: 143322, Stop: 144077, Start Num: 14
Candidate Starts for Salacia_250:
(Start: 14 @143322 has 371 MA's), (24, 143397), (46, 143535), (48, 143541), (54, 143574), (57, 143601), (60, 143616), (62, 143637), (77, 143727), (85, 143751), (92, 143772), (93, 143781), (98, 143796), (99, 143799), (118, 143895), (136, 143985), (150, 144057), (151, 144060),

Gene: Salacia_249 Start: 142539, Stop: 143309, Start Num: 14
Candidate Starts for Salacia_249:
(Start: 14 @142539 has 371 MA's), (Start: 19 @142557 has 1 MA's), (Start: 23 @142605 has 1 MA's), (28, 142632), (33, 142668), (45, 142737), (49, 142767), (52, 142782), (54, 142794), (59, 142833), (68, 142887), (71, 142908), (78, 142950), (105, 143046), (110, 143076), (123, 143139), (137, 143208),

Gene: Sauce_246 Start: 141630, Stop: 142385, Start Num: 14
Candidate Starts for Sauce_246:
(Start: 14 @141630 has 371 MA's), (24, 141705), (46, 141843), (48, 141849), (54, 141882), (57, 141909), (60, 141924), (62, 141945), (85, 142059), (92, 142080), (93, 142089), (98, 142104), (99, 142107), (118, 142203), (136, 142293), (150, 142365), (151, 142368),

Gene: Sauce_245 Start: 140847, Stop: 141617, Start Num: 14
Candidate Starts for Sauce_245:
(Start: 14 @140847 has 371 MA's), (Start: 19 @140865 has 1 MA's), (Start: 23 @140913 has 1 MA's), (28, 140940), (33, 140976), (45, 141045), (49, 141075), (52, 141090), (54, 141102), (59, 141141), (68, 141195), (71, 141216), (78, 141258), (105, 141354), (110, 141384), (123, 141447), (137, 141516),

Gene: ScoobyDoobyDoo_238 Start: 140853, Stop: 141596, Start Num: 14
Candidate Starts for ScoobyDoobyDoo_238:
(Start: 14 @140853 has 371 MA's), (21, 140901), (32, 140970), (34, 140982), (38, 141009), (44, 141039), (48, 141072), (52, 141093), (54, 141105), (57, 141132), (73, 141222), (80, 141264), (109, 141381), (118, 141423), (120, 141432), (122, 141441), (144, 141531), (146, 141546), (149, 141570), (150, 141576),

Gene: ScoobyDoobyDoo_237 Start: 140081, Stop: 140851, Start Num: 14
Candidate Starts for ScoobyDoobyDoo_237:
(Start: 14 @140081 has 371 MA's), (Start: 19 @140099 has 1 MA's), (22, 140132), (32, 140201), (37, 140231), (38, 140246), (45, 140285), (54, 140342), (68, 140435), (89, 140534), (102, 140579), (105, 140591), (122, 140678), (131, 140729), (133, 140741), (153, 140834),

Gene: ScottMcG_240 Start: 140048, Stop: 140818, Start Num: 14
Candidate Starts for ScottMcG_240:
(Start: 14 @140048 has 371 MA's), (Start: 19 @140066 has 1 MA's), (Start: 23 @140114 has 1 MA's), (28, 140141), (33, 140177), (45, 140246), (49, 140276), (52, 140291), (54, 140303), (59, 140342), (68, 140396), (71, 140417), (78, 140459), (105, 140555), (110, 140585), (123, 140648), (137, 140717),

Gene: ScottMcG_241 Start: 140831, Stop: 141586, Start Num: 14
Candidate Starts for ScottMcG_241:
(Start: 14 @140831 has 371 MA's), (24, 140906), (46, 141044), (48, 141050), (54, 141083), (57, 141110), (60, 141125), (62, 141146), (85, 141260), (92, 141281), (93, 141290), (98, 141305), (99, 141308), (118, 141404), (136, 141494), (150, 141566), (151, 141569),

Gene: Sebata_249 Start: 142490, Stop: 143245, Start Num: 14
Candidate Starts for Sebata_249:
(Start: 14 @142490 has 371 MA's), (24, 142565), (48, 142709), (54, 142742), (57, 142769), (60, 142784), (62, 142805), (92, 142940), (93, 142949), (98, 142964), (99, 142967), (111, 143027), (118, 143063), (136, 143153), (151, 143228),

Gene: Sebata_248 Start: 141707, Stop: 142477, Start Num: 14
Candidate Starts for Sebata_248:

(Start: 14 @141707 has 371 MA's), (Start: 19 @141725 has 1 MA's), (Start: 23 @141773 has 1 MA's), (28, 141800), (33, 141836), (45, 141905), (49, 141935), (52, 141950), (54, 141962), (59, 142001), (68, 142055), (71, 142076), (78, 142118), (105, 142214), (110, 142244),

Gene: Settecandela_225 Start: 143611, Stop: 144375, Start Num: 14
Candidate Starts for Settecandela_225:
(Start: 14 @143611 has 371 MA's), (21, 143659), (22, 143662), (32, 143731), (45, 143815), (54, 143872), (68, 143968), (88, 144064), (89, 144067), (91, 144073), (108, 144148), (125, 144214), (128, 144226), (152, 144355),

Gene: Settecandela_226 Start: 144385, Stop: 145146, Start Num: 14
Candidate Starts for Settecandela_226:
(Start: 14 @144385 has 371 MA's), (21, 144433), (22, 144436), (54, 144637), (60, 144679), (62, 144700), (63, 144703), (86, 144814), (114, 144940), (120, 144967), (127, 144994), (129, 145006), (136, 145048), (151, 145129), (153, 145135), (154, 145141),

Gene: Shaqnato_239 Start: 140256, Stop: 141026, Start Num: 14
Candidate Starts for Shaqnato_239:
(Start: 14 @140256 has 371 MA's), (Start: 19 @140274 has 1 MA's), (Start: 23 @140322 has 1 MA's), (28, 140349), (33, 140385), (45, 140454), (49, 140484), (52, 140499), (54, 140511), (59, 140550), (68, 140604), (71, 140625), (78, 140667), (105, 140763), (110, 140793), (123, 140856), (137, 140925),

Gene: Shaqnato_240 Start: 141039, Stop: 141794, Start Num: 14
Candidate Starts for Shaqnato_240:
(Start: 14 @141039 has 371 MA's), (24, 141114), (46, 141252), (48, 141258), (54, 141291), (57, 141318), (60, 141333), (62, 141354), (77, 141444), (85, 141468), (92, 141489), (93, 141498), (98, 141513), (99, 141516), (118, 141612), (136, 141702), (150, 141774), (151, 141777),

Gene: Shelob_249 Start: 142982, Stop: 143752, Start Num: 14
Candidate Starts for Shelob_249:
(Start: 14 @142982 has 371 MA's), (Start: 19 @143000 has 1 MA's), (Start: 23 @143048 has 1 MA's), (28, 143075), (33, 143111), (45, 143180), (49, 143210), (52, 143225), (54, 143237), (59, 143276), (68, 143330), (71, 143351), (78, 143393), (105, 143489), (110, 143519), (123, 143582), (137, 143651),

Gene: Shelob_250 Start: 143765, Stop: 144520, Start Num: 14
Candidate Starts for Shelob_250:
(Start: 14 @143765 has 371 MA's), (24, 143840), (46, 143978), (48, 143984), (54, 144017), (57, 144044), (60, 144059), (62, 144080), (85, 144194), (92, 144215), (93, 144224), (98, 144239), (99, 144242), (118, 144338), (136, 144428), (150, 144500), (151, 144503),

Gene: ShiaLabeouf_247 Start: 141624, Stop: 142379, Start Num: 14
Candidate Starts for ShiaLabeouf_247:
(Start: 14 @141624 has 371 MA's), (24, 141699), (46, 141837), (48, 141843), (54, 141876), (57, 141903), (60, 141918), (62, 141939), (85, 142053), (92, 142074), (93, 142083), (98, 142098), (99, 142101), (118, 142197), (136, 142287), (150, 142359), (151, 142362),

Gene: ShiaLabeouf_246 Start: 140841, Stop: 141611, Start Num: 14
Candidate Starts for ShiaLabeouf_246:
(Start: 14 @140841 has 371 MA's), (Start: 19 @140859 has 1 MA's), (Start: 23 @140907 has 1 MA's), (28, 140934), (33, 140970), (45, 141039), (49, 141069), (52, 141084), (54, 141096), (59, 141135), (68, 141189), (71, 141210), (78, 141252), (105, 141348), (110, 141378), (123, 141441), (137, 141510),

Gene: Shifa_224 Start: 140315, Stop: 141085, Start Num: 14

Candidate Starts for Shifa_224:
(Start: 14 @140315 has 371 MA's), (Start: 19 @140333 has 1 MA's), (Start: 23 @140381 has 1 MA's), (28, 140408), (33, 140444), (45, 140513), (49, 140543), (52, 140558), (54, 140570), (59, 140609), (68, 140663), (71, 140684), (78, 140726), (105, 140822), (110, 140852),

Gene: Shifa_225 Start: 141098, Stop: 141853, Start Num: 14
Candidate Starts for Shifa_225:
(Start: 14 @141098 has 371 MA's), (24, 141173), (48, 141317), (54, 141350), (57, 141377), (60, 141392), (62, 141413), (92, 141548), (93, 141557), (98, 141572), (99, 141575), (111, 141635), (118, 141671), (136, 141761), (151, 141836),

Gene: Shnickers_248 Start: 141688, Stop: 142443, Start Num: 14
Candidate Starts for Shnickers_248:
(Start: 14 @141688 has 371 MA's), (24, 141763), (46, 141901), (48, 141907), (54, 141940), (57, 141967), (60, 141982), (62, 142003), (85, 142117), (92, 142138), (93, 142147), (98, 142162), (99, 142165), (118, 142261), (136, 142351), (150, 142423), (151, 142426),

Gene: Shnickers_247 Start: 140905, Stop: 141675, Start Num: 14
Candidate Starts for Shnickers_247:
(Start: 14 @140905 has 371 MA's), (Start: 19 @140923 has 1 MA's), (Start: 23 @140971 has 1 MA's), (28, 140998), (33, 141034), (45, 141103), (49, 141133), (52, 141148), (54, 141160), (59, 141199), (68, 141253), (71, 141274), (78, 141316), (105, 141412), (110, 141442), (123, 141505), (137, 141574),

Gene: Shrimp_250 Start: 142150, Stop: 142920, Start Num: 14
Candidate Starts for Shrimp_250:
(Start: 14 @142150 has 371 MA's), (Start: 19 @142168 has 1 MA's), (Start: 23 @142216 has 1 MA's), (28, 142243), (33, 142279), (45, 142348), (49, 142378), (52, 142393), (54, 142405), (59, 142444), (68, 142498), (71, 142519), (78, 142561), (105, 142657), (110, 142687), (123, 142750), (137, 142819),

Gene: Shrimp_251 Start: 142933, Stop: 143688, Start Num: 14
Candidate Starts for Shrimp_251:
(Start: 14 @142933 has 371 MA's), (24, 143008), (46, 143146), (48, 143152), (54, 143185), (57, 143212), (60, 143227), (62, 143248), (85, 143362), (92, 143383), (93, 143392), (98, 143407), (99, 143410), (118, 143506), (136, 143596), (150, 143668), (151, 143671),

Gene: SilverDipper_254 Start: 142424, Stop: 143179, Start Num: 14
Candidate Starts for SilverDipper_254:
(Start: 14 @142424 has 371 MA's), (24, 142499), (46, 142637), (48, 142643), (54, 142676), (57, 142703), (60, 142718), (62, 142739), (92, 142874), (93, 142883), (98, 142898), (99, 142901), (118, 142997), (136, 143087), (150, 143159), (151, 143162),

Gene: SilverDipper_253 Start: 141641, Stop: 142411, Start Num: 14
Candidate Starts for SilverDipper_253:
(Start: 14 @141641 has 371 MA's), (Start: 19 @141659 has 1 MA's), (Start: 23 @141707 has 1 MA's), (28, 141734), (33, 141770), (45, 141839), (49, 141869), (52, 141884), (54, 141896), (59, 141935), (68, 141989), (71, 142010), (78, 142052), (105, 142148), (110, 142178), (123, 142241), (137, 142310),

Gene: Skog_2 Start: 768, Stop: 1526, Start Num: 157
Candidate Starts for Skog_2:
(140, 672), (Start: 157 @768 has 1 MA's), (159, 774), (169, 885), (173, 924), (177, 987), (180, 1011), (183, 1068), (192, 1203), (194, 1215), (197, 1254), (200, 1311), (202, 1350), (205, 1359), (206, 1377), (215, 1485),

Gene: Skog_1 Start: 1, Stop: 756, Start Num: 17
Candidate Starts for Skog_1:
(Start: 17 @1 has 5 MA's), (Start: 19 @16 has 1 MA's), (22, 49), (45, 196), (48, 220), (54, 253), (79, 406), (87, 433), (93, 454), (110, 532), (122, 589),

Gene: SmallFry_250 Start: 141782, Stop: 142537, Start Num: 14
Candidate Starts for SmallFry_250:
(Start: 14 @141782 has 371 MA's), (24, 141857), (46, 141995), (48, 142001), (54, 142034), (57, 142061), (60, 142076), (62, 142097), (85, 142211), (92, 142232), (93, 142241), (98, 142256), (99, 142259), (118, 142355), (136, 142445), (150, 142517), (151, 142520),

Gene: SmallFry_249 Start: 140999, Stop: 141769, Start Num: 14
Candidate Starts for SmallFry_249:
(Start: 14 @140999 has 371 MA's), (Start: 19 @141017 has 1 MA's), (Start: 23 @141065 has 1 MA's), (28, 141092), (33, 141128), (45, 141197), (49, 141227), (52, 141242), (54, 141254), (59, 141293), (68, 141347), (71, 141368), (78, 141410), (105, 141506), (110, 141536), (123, 141599), (137, 141668),

Gene: SoilZilla_241 Start: 140114, Stop: 140884, Start Num: 14
Candidate Starts for SoilZilla_241:
(Start: 14 @140114 has 371 MA's), (Start: 19 @140132 has 1 MA's), (Start: 23 @140180 has 1 MA's), (28, 140207), (33, 140243), (45, 140312), (49, 140342), (52, 140357), (54, 140369), (59, 140408), (68, 140462), (71, 140483), (78, 140525), (105, 140621), (110, 140651), (123, 140714), (137, 140783),

Gene: SoilZilla_242 Start: 140897, Stop: 141652, Start Num: 14
Candidate Starts for SoilZilla_242:
(Start: 14 @140897 has 371 MA's), (24, 140972), (46, 141110), (48, 141116), (54, 141149), (57, 141176), (60, 141191), (62, 141212), (63, 141215), (92, 141347), (93, 141356), (98, 141371), (99, 141374), (111, 141434), (118, 141470), (136, 141560), (151, 141635),

Gene: Spec_243 Start: 141794, Stop: 142549, Start Num: 14
Candidate Starts for Spec_243:
(Start: 14 @141794 has 371 MA's), (24, 141869), (46, 142007), (48, 142013), (54, 142046), (57, 142073), (60, 142088), (62, 142109), (92, 142244), (93, 142253), (98, 142268), (99, 142271), (111, 142331), (118, 142367), (136, 142457), (150, 142529), (151, 142532),

Gene: Spec_242 Start: 141011, Stop: 141781, Start Num: 14
Candidate Starts for Spec_242:
(Start: 14 @141011 has 371 MA's), (Start: 19 @141029 has 1 MA's), (Start: 23 @141077 has 1 MA's), (28, 141104), (33, 141140), (45, 141209), (49, 141239), (52, 141254), (54, 141266), (59, 141305), (68, 141359), (71, 141380), (78, 141422), (105, 141518), (110, 141548), (123, 141611), (137, 141680),

Gene: Specks_252 Start: 141490, Stop: 142260, Start Num: 14
Candidate Starts for Specks_252:
(Start: 14 @141490 has 371 MA's), (Start: 19 @141508 has 1 MA's), (Start: 23 @141556 has 1 MA's), (28, 141583), (33, 141619), (45, 141688), (49, 141718), (52, 141733), (54, 141745), (59, 141784), (68, 141838), (71, 141859), (78, 141901), (105, 141997), (110, 142027), (123, 142090), (137, 142159),

Gene: Specks_253 Start: 142273, Stop: 143028, Start Num: 14
Candidate Starts for Specks_253:
(Start: 14 @142273 has 371 MA's), (24, 142348), (46, 142486), (48, 142492), (54, 142525), (57, 142552), (60, 142567), (62, 142588), (77, 142678), (85, 142702), (92, 142723), (93, 142732), (98, 142747), (99, 142750), (118, 142846), (136, 142936), (150, 143008), (151, 143011),

Gene: Sprinklers_246 Start: 140707, Stop: 141477, Start Num: 14
Candidate Starts for Sprinklers_246:
(Start: 14 @140707 has 371 MA's), (Start: 19 @140725 has 1 MA's), (Start: 23 @140773 has 1 MA's), (28, 140800), (33, 140836), (45, 140905), (49, 140935), (52, 140950), (54, 140962), (59, 141001), (68, 141055), (71, 141076), (78, 141118), (105, 141214), (110, 141244), (123, 141307), (137, 141376),

Gene: Sprinklers_247 Start: 141490, Stop: 142245, Start Num: 14
Candidate Starts for Sprinklers_247:
(Start: 14 @141490 has 371 MA's), (24, 141565), (46, 141703), (48, 141709), (54, 141742), (57, 141769), (60, 141784), (62, 141805), (92, 141940), (93, 141949), (98, 141964), (99, 141967), (111, 142027), (118, 142063), (136, 142153), (150, 142225), (151, 142228),

Gene: Spud_240 Start: 140456, Stop: 141226, Start Num: 14
Candidate Starts for Spud_240:
(Start: 14 @140456 has 371 MA's), (Start: 19 @140474 has 1 MA's), (Start: 23 @140522 has 1 MA's), (28, 140549), (33, 140585), (45, 140654), (49, 140684), (52, 140699), (54, 140711), (59, 140750), (68, 140804), (71, 140825), (78, 140867), (105, 140963), (110, 140993), (123, 141056), (137, 141125),

Gene: Spud_241 Start: 141239, Stop: 141994, Start Num: 14
Candidate Starts for Spud_241:
(Start: 14 @141239 has 371 MA's), (24, 141314), (46, 141452), (48, 141458), (54, 141491), (57, 141518), (60, 141533), (62, 141554), (85, 141668), (92, 141689), (93, 141698), (98, 141713), (99, 141716), (118, 141812), (136, 141902), (150, 141974), (151, 141977),

Gene: SrishMeg2525_246 Start: 142428, Stop: 143183, Start Num: 14
Candidate Starts for SrishMeg2525_246:
(Start: 14 @142428 has 371 MA's), (24, 142503), (46, 142641), (48, 142647), (54, 142680), (57, 142707), (60, 142722), (62, 142743), (85, 142857), (92, 142878), (93, 142887), (98, 142902), (99, 142905), (118, 143001), (136, 143091), (150, 143163), (151, 143166),

Gene: SrishMeg2525_245 Start: 141645, Stop: 142415, Start Num: 14
Candidate Starts for SrishMeg2525_245:
(Start: 14 @141645 has 371 MA's), (Start: 19 @141663 has 1 MA's), (Start: 23 @141711 has 1 MA's), (28, 141738), (33, 141774), (45, 141843), (49, 141873), (52, 141888), (54, 141900), (59, 141939), (68, 141993), (71, 142014), (78, 142056), (105, 142152), (110, 142182), (123, 142245), (137, 142314),

Gene: StephanieG_243 Start: 142425, Stop: 143180, Start Num: 14
Candidate Starts for StephanieG_243:
(Start: 14 @142425 has 371 MA's), (24, 142500), (46, 142638), (48, 142644), (54, 142677), (57, 142704), (60, 142719), (62, 142740), (85, 142854), (92, 142875), (93, 142884), (98, 142899), (99, 142902), (118, 142998), (136, 143088), (150, 143160), (151, 143163),

Gene: StephanieG_242 Start: 141642, Stop: 142412, Start Num: 14
Candidate Starts for StephanieG_242:
(Start: 14 @141642 has 371 MA's), (Start: 19 @141660 has 1 MA's), (Start: 23 @141708 has 1 MA's), (28, 141735), (33, 141771), (45, 141840), (49, 141870), (52, 141885), (54, 141897), (59, 141936), (68, 141990), (71, 142011), (78, 142053), (105, 142149), (110, 142179), (123, 142242), (137, 142311),

Gene: Stormageddon_196 Start: 120431, Stop: 121174, Start Num: 14
Candidate Starts for Stormageddon_196:
(Start: 14 @120431 has 371 MA's), (Start: 23 @120497 has 1 MA's), (28, 120524), (29, 120527), (32, 120551), (88, 120869), (105, 120938), (145, 121124),

Gene: Stormageddon_195 Start: 119665, Stop: 120423, Start Num: 15
Candidate Starts for Stormageddon_195:
(Start: 15 @119665 has 4 MA's), (28, 119758), (45, 119863), (50, 119899), (56, 119944), (115, 120205), (118, 120220), (135, 120307),

Gene: Stormageddon_197 Start: 121185, Stop: 121955, Start Num: 155
Candidate Starts for Stormageddon_197:
(49, 120657), (119, 121008), (Start: 155 @121185 has 2 MA's), (163, 121260), (164, 121272), (165, 121275), (167, 121302), (173, 121359), (174, 121380), (175, 121404), (182, 121491), (188, 121593), (191, 121635), (198, 121716), (203, 121788), (205, 121794), (209, 121824), (211, 121860), (213, 121896),

Gene: Stubby_232 Start: 139181, Stop: 139936, Start Num: 14
Candidate Starts for Stubby_232:
(Start: 14 @139181 has 371 MA's), (24, 139256), (46, 139394), (48, 139400), (54, 139433), (57, 139460), (60, 139475), (62, 139496), (63, 139499), (92, 139631), (93, 139640), (98, 139655), (99, 139658), (111, 139718), (118, 139754), (136, 139844), (151, 139919),

Gene: Stubby_231 Start: 138398, Stop: 139168, Start Num: 14
Candidate Starts for Stubby_231:
(Start: 14 @138398 has 371 MA's), (Start: 17 @138407 has 5 MA's), (Start: 19 @138416 has 1 MA's), (Start: 23 @138464 has 1 MA's), (28, 138491), (33, 138527), (45, 138596), (49, 138626), (52, 138641), (54, 138653), (59, 138692), (68, 138746), (71, 138767), (78, 138809), (105, 138905), (110, 138935), (123, 138998), (137, 139067),

Gene: StubbySaigey_255 Start: 141958, Stop: 142713, Start Num: 14
Candidate Starts for StubbySaigey_255:
(Start: 14 @141958 has 371 MA's), (24, 142033), (46, 142171), (48, 142177), (54, 142210), (57, 142237), (60, 142252), (62, 142273), (85, 142387), (92, 142408), (93, 142417), (98, 142432), (99, 142435), (118, 142531), (136, 142621), (150, 142693), (151, 142696),

Gene: StubbySaigey_254 Start: 141175, Stop: 141945, Start Num: 14
Candidate Starts for StubbySaigey_254:
(Start: 14 @141175 has 371 MA's), (Start: 19 @141193 has 1 MA's), (Start: 23 @141241 has 1 MA's), (28, 141268), (33, 141304), (45, 141373), (49, 141403), (52, 141418), (54, 141430), (59, 141469), (68, 141523), (71, 141544), (78, 141586), (105, 141682), (110, 141712), (123, 141775), (137, 141844),

Gene: Substance289_244 Start: 141047, Stop: 141817, Start Num: 14
Candidate Starts for Substance289_244:
(Start: 14 @141047 has 371 MA's), (Start: 19 @141065 has 1 MA's), (Start: 23 @141113 has 1 MA's), (28, 141140), (33, 141176), (45, 141245), (49, 141275), (52, 141290), (54, 141302), (59, 141341), (68, 141395), (71, 141416), (78, 141458), (105, 141554), (110, 141584), (123, 141647), (137, 141716),

Gene: Substance289_245 Start: 141830, Stop: 142585, Start Num: 14
Candidate Starts for Substance289_245:
(Start: 14 @141830 has 371 MA's), (24, 141905), (46, 142043), (48, 142049), (54, 142082), (57, 142109), (60, 142124), (62, 142145), (85, 142259), (92, 142280), (93, 142289), (98, 142304), (99, 142307), (118, 142403), (136, 142493), (150, 142565), (151, 142568),

Gene: Tainan_249 Start: 141345, Stop: 142100, Start Num: 14
Candidate Starts for Tainan_249:
(Start: 14 @141345 has 371 MA's), (24, 141420), (46, 141558), (47, 141561), (48, 141564), (54, 141597), (57, 141624), (60, 141639), (62, 141660), (77, 141750), (92, 141795), (93, 141804), (98,

141819), (99, 141822), (118, 141918), (136, 142008), (150, 142080), (151, 142083),

Gene: Tainan_248 Start: 140562, Stop: 141332, Start Num: 14
Candidate Starts for Tainan_248:
(Start: 14 @140562 has 371 MA's), (Start: 19 @140580 has 1 MA's), (Start: 23 @140628 has 1 MA's), (28, 140655), (33, 140691), (45, 140760), (49, 140790), (52, 140805), (54, 140817), (59, 140856), (68, 140910), (71, 140931), (78, 140973), (105, 141069), (110, 141099), (123, 141162), (137, 141231),

Gene: Teardrop_246 Start: 140502, Stop: 141272, Start Num: 14
Candidate Starts for Teardrop_246:
(Start: 14 @140502 has 371 MA's), (Start: 19 @140520 has 1 MA's), (Start: 23 @140568 has 1 MA's), (28, 140595), (33, 140631), (45, 140700), (49, 140730), (52, 140745), (54, 140757), (59, 140796), (68, 140850), (71, 140871), (78, 140913), (105, 141009), (110, 141039), (123, 141102), (137, 141171),

Gene: Teardrop_247 Start: 141285, Stop: 142040, Start Num: 14
Candidate Starts for Teardrop_247:
(Start: 14 @141285 has 371 MA's), (24, 141360), (46, 141498), (48, 141504), (54, 141537), (57, 141564), (60, 141579), (62, 141600), (85, 141714), (92, 141735), (93, 141744), (98, 141759), (99, 141762), (118, 141858), (136, 141948), (150, 142020), (151, 142023),

Gene: TinyTim_246 Start: 140469, Stop: 141239, Start Num: 14
Candidate Starts for TinyTim_246:
(Start: 14 @140469 has 371 MA's), (Start: 19 @140487 has 1 MA's), (Start: 23 @140535 has 1 MA's), (28, 140562), (33, 140598), (45, 140667), (49, 140697), (52, 140712), (54, 140724), (59, 140763), (68, 140817), (71, 140838), (78, 140880), (105, 140976), (110, 141006), (123, 141069), (137, 141138),

Gene: TinyTim_247 Start: 141252, Stop: 142007, Start Num: 14
Candidate Starts for TinyTim_247:
(Start: 14 @141252 has 371 MA's), (24, 141327), (46, 141465), (48, 141471), (54, 141504), (57, 141531), (60, 141546), (62, 141567), (77, 141657), (85, 141681), (92, 141702), (93, 141711), (98, 141726), (99, 141729), (118, 141825), (136, 141915), (150, 141987), (151, 141990),

Gene: Tonenili_270 Start: 146257, Stop: 147027, Start Num: 14
Candidate Starts for Tonenili_270:
(Start: 14 @146257 has 371 MA's), (Start: 17 @146266 has 5 MA's), (Start: 19 @146275 has 1 MA's), (26, 146344), (28, 146350), (32, 146377), (38, 146416), (45, 146455), (54, 146512), (55, 146515), (57, 146539), (59, 146551), (71, 146626), (78, 146668), (103, 146755), (105, 146764), (110, 146794), (117, 146830),

Gene: Tonenili_271 Start: 147041, Stop: 147796, Start Num: 15
Candidate Starts for Tonenili_271:
(2, 146738), (3, 146834), (6, 146876), (10, 147020), (12, 147035), (Start: 15 @147041 has 4 MA's), (Start: 19 @147059 has 1 MA's), (27, 147131), (31, 147146), (32, 147158), (38, 147197), (48, 147260), (54, 147293), (57, 147320), (61, 147341), (62, 147356), (77, 147446), (92, 147491), (93, 147500), (98, 147515), (99, 147518), (118, 147614), (136, 147704),

Gene: Tortoise16_247 Start: 141714, Stop: 142469, Start Num: 14
Candidate Starts for Tortoise16_247:
(Start: 14 @141714 has 371 MA's), (24, 141789), (46, 141927), (48, 141933), (54, 141966), (57, 141993), (60, 142008), (62, 142029), (85, 142143), (92, 142164), (93, 142173), (98, 142188), (99, 142191), (118, 142287), (136, 142377), (150, 142449), (151, 142452),

Gene: Tortoise16_246 Start: 140931, Stop: 141701, Start Num: 14

Candidate Starts for Tortoise16_246:
(Start: 14 @140931 has 371 MA's), (Start: 19 @140949 has 1 MA's), (Start: 23 @140997 has 1 MA's), (28, 141024), (33, 141060), (45, 141129), (49, 141159), (52, 141174), (54, 141186), (59, 141225), (68, 141279), (71, 141300), (78, 141342), (105, 141438), (110, 141468), (123, 141531), (137, 141600),

Gene: Trinitium_245 Start: 140006, Stop: 140761, Start Num: 14
Candidate Starts for Trinitium_245:
(Start: 14 @140006 has 371 MA's), (24, 140081), (46, 140219), (48, 140225), (54, 140258), (57, 140285), (60, 140300), (62, 140321), (85, 140435), (92, 140456), (93, 140465), (98, 140480), (99, 140483), (118, 140579), (136, 140669), (150, 140741), (151, 140744),

Gene: Trinitium_244 Start: 139223, Stop: 139993, Start Num: 14
Candidate Starts for Trinitium_244:
(Start: 14 @139223 has 371 MA's), (Start: 19 @139241 has 1 MA's), (Start: 23 @139289 has 1 MA's), (28, 139316), (33, 139352), (45, 139421), (49, 139451), (52, 139466), (54, 139478), (59, 139517), (68, 139571), (71, 139592), (78, 139634), (105, 139730), (110, 139760), (123, 139823), (137, 139892),

Gene: Turret_239 Start: 138805, Stop: 139575, Start Num: 14
Candidate Starts for Turret_239:
(Start: 14 @138805 has 371 MA's), (Start: 19 @138823 has 1 MA's), (Start: 23 @138871 has 1 MA's), (28, 138898), (33, 138934), (45, 139003), (49, 139033), (52, 139048), (54, 139060), (59, 139099), (68, 139153), (71, 139174), (78, 139216), (105, 139312), (110, 139342), (123, 139405), (137, 139474),

Gene: Turret_240 Start: 139588, Stop: 140343, Start Num: 14
Candidate Starts for Turret_240:
(Start: 14 @139588 has 371 MA's), (24, 139663), (46, 139801), (48, 139807), (54, 139840), (57, 139867), (60, 139882), (62, 139903), (85, 140017), (92, 140038), (93, 140047), (98, 140062), (99, 140065), (118, 140161), (136, 140251), (150, 140323), (151, 140326),

Gene: Tyke_245 Start: 143054, Stop: 143824, Start Num: 14
Candidate Starts for Tyke_245:
(Start: 14 @143054 has 371 MA's), (Start: 19 @143072 has 1 MA's), (Start: 23 @143120 has 1 MA's), (28, 143147), (33, 143183), (45, 143252), (49, 143282), (52, 143297), (54, 143309), (59, 143348), (68, 143402), (71, 143423), (78, 143465), (105, 143561), (110, 143591), (123, 143654), (137, 143723),

Gene: Tyke_246 Start: 143837, Stop: 144592, Start Num: 14
Candidate Starts for Tyke_246:
(Start: 14 @143837 has 371 MA's), (24, 143912), (46, 144050), (48, 144056), (54, 144089), (57, 144116), (60, 144131), (62, 144152), (85, 144266), (92, 144287), (93, 144296), (98, 144311), (99, 144314), (118, 144410), (136, 144500), (150, 144572), (151, 144575),

Gene: ValleyTerrace_249 Start: 140382, Stop: 141152, Start Num: 14
Candidate Starts for ValleyTerrace_249:
(Start: 14 @140382 has 371 MA's), (Start: 19 @140400 has 1 MA's), (Start: 23 @140448 has 1 MA's), (28, 140475), (33, 140511), (45, 140580), (49, 140610), (52, 140625), (54, 140637), (59, 140676), (68, 140730), (71, 140751), (78, 140793), (105, 140889), (110, 140919), (123, 140982), (137, 141051),

Gene: ValleyTerrace_250 Start: 141165, Stop: 141920, Start Num: 14
Candidate Starts for ValleyTerrace_250:
(Start: 14 @141165 has 371 MA's), (24, 141240), (46, 141378), (48, 141384), (54, 141417), (57, 141444), (60, 141459), (62, 141480), (85, 141594), (92, 141615), (93, 141624), (98, 141639), (99, 141642), (118, 141738), (136, 141828), (150, 141900), (151, 141903),

Gene: Vortrix_267 Start: 145828, Stop: 146583, Start Num: 15
Candidate Starts for Vortrix_267:
(2, 145525), (3, 145621), (6, 145663), (10, 145807), (12, 145822), (Start: 15 @145828 has 4 MA's), (Start: 19 @145846 has 1 MA's), (27, 145918), (31, 145933), (32, 145945), (38, 145984), (48, 146047), (54, 146080), (57, 146107), (61, 146128), (62, 146143), (77, 146233), (92, 146278), (93, 146287), (98, 146302), (99, 146305), (118, 146401), (136, 146491),

Gene: Vortrix_266 Start: 145044, Stop: 145814, Start Num: 14
Candidate Starts for Vortrix_266:
(Start: 14 @145044 has 371 MA's), (Start: 17 @145053 has 5 MA's), (Start: 19 @145062 has 1 MA's), (26, 145131), (28, 145137), (32, 145164), (38, 145203), (45, 145242), (54, 145299), (55, 145302), (57, 145326), (59, 145338), (71, 145413), (78, 145455), (103, 145542), (105, 145551), (110, 145581), (117, 145617),

Gene: Wally_246 Start: 140366, Stop: 141136, Start Num: 14
Candidate Starts for Wally_246:
(Start: 14 @140366 has 371 MA's), (Start: 19 @140384 has 1 MA's), (Start: 23 @140432 has 1 MA's), (28, 140459), (33, 140495), (45, 140564), (49, 140594), (52, 140609), (54, 140621), (59, 140660), (68, 140714), (71, 140735), (78, 140777), (105, 140873), (110, 140903), (123, 140966), (137, 141035),

Gene: Wally_247 Start: 141149, Stop: 141904, Start Num: 14
Candidate Starts for Wally_247:
(Start: 14 @141149 has 371 MA's), (24, 141224), (46, 141362), (48, 141368), (54, 141401), (57, 141428), (60, 141443), (62, 141464), (85, 141578), (92, 141599), (93, 141608), (98, 141623), (99, 141626), (118, 141722), (136, 141812), (150, 141884), (151, 141887),

Gene: Willis_250 Start: 142088, Stop: 142843, Start Num: 14
Candidate Starts for Willis_250:
(Start: 14 @142088 has 371 MA's), (24, 142163), (46, 142301), (48, 142307), (54, 142340), (57, 142367), (60, 142382), (62, 142403), (85, 142517), (92, 142538), (93, 142547), (98, 142562), (99, 142565), (118, 142661), (136, 142751), (150, 142823), (151, 142826),

Gene: Willis_249 Start: 141305, Stop: 142075, Start Num: 14
Candidate Starts for Willis_249:
(Start: 14 @141305 has 371 MA's), (Start: 19 @141323 has 1 MA's), (Start: 23 @141371 has 1 MA's), (28, 141398), (33, 141434), (45, 141503), (49, 141533), (52, 141548), (54, 141560), (59, 141599), (68, 141653), (71, 141674), (78, 141716), (105, 141812), (110, 141842), (123, 141905), (137, 141974),

Gene: Yassified_245 Start: 141255, Stop: 142010, Start Num: 14
Candidate Starts for Yassified_245:
(Start: 14 @141255 has 371 MA's), (24, 141330), (46, 141468), (48, 141474), (54, 141507), (57, 141534), (60, 141549), (62, 141570), (63, 141573), (92, 141705), (93, 141714), (98, 141729), (99, 141732), (111, 141792), (118, 141828), (136, 141918), (151, 141993),

Gene: Yassified_244 Start: 140472, Stop: 141242, Start Num: 14
Candidate Starts for Yassified_244:
(Start: 14 @140472 has 371 MA's), (Start: 19 @140490 has 1 MA's), (Start: 23 @140538 has 1 MA's), (28, 140565), (33, 140601), (45, 140670), (49, 140700), (52, 140715), (54, 140727), (59, 140766), (68, 140820), (71, 140841), (78, 140883), (105, 140979), (110, 141009), (123, 141072), (137, 141141),

Gene: YemiJoy2021_250 Start: 142819, Stop: 143574, Start Num: 14
Candidate Starts for YemiJoy2021_250:

(Start: 14 @142819 has 371 MA's), (24, 142894), (46, 143032), (48, 143038), (54, 143071), (57, 143098), (60, 143113), (62, 143134), (85, 143248), (92, 143269), (93, 143278), (98, 143293), (99, 143296), (118, 143392), (136, 143482), (150, 143554), (151, 143557),

Gene: YemiJoy2021_249 Start: 142036, Stop: 142806, Start Num: 14
Candidate Starts for YemiJoy2021_249:
(Start: 14 @142036 has 371 MA's), (Start: 19 @142054 has 1 MA's), (Start: 23 @142102 has 1 MA's), (28, 142129), (33, 142165), (45, 142234), (49, 142264), (52, 142279), (54, 142291), (59, 142330), (68, 142384), (71, 142405), (78, 142447), (105, 142543), (110, 142573), (123, 142636), (137, 142705),

Gene: YoungMoneyMata_248 Start: 141497, Stop: 142267, Start Num: 14
Candidate Starts for YoungMoneyMata_248:
(Start: 14 @141497 has 371 MA's), (Start: 19 @141515 has 1 MA's), (Start: 23 @141563 has 1 MA's), (28, 141590), (33, 141626), (45, 141695), (49, 141725), (52, 141740), (54, 141752), (59, 141791), (68, 141845), (71, 141866), (78, 141908), (105, 142004), (110, 142034), (123, 142097), (137, 142166),

Gene: YoungMoneyMata_249 Start: 142280, Stop: 143035, Start Num: 14
Candidate Starts for YoungMoneyMata_249:
(Start: 14 @142280 has 371 MA's), (24, 142355), (46, 142493), (48, 142499), (54, 142532), (57, 142559), (60, 142574), (62, 142595), (85, 142709), (92, 142730), (93, 142739), (98, 142754), (99, 142757), (118, 142853), (136, 142943), (150, 143015), (151, 143018),

Gene: Yucca_249 Start: 142811, Stop: 143566, Start Num: 14
Candidate Starts for Yucca_249:
(Start: 14 @142811 has 371 MA's), (24, 142886), (46, 143024), (48, 143030), (54, 143063), (57, 143090), (60, 143105), (62, 143126), (77, 143216), (85, 143240), (92, 143261), (93, 143270), (98, 143285), (99, 143288), (118, 143384), (136, 143474), (150, 143546), (151, 143549),

Gene: Yucca_248 Start: 142028, Stop: 142798, Start Num: 14
Candidate Starts for Yucca_248:
(Start: 14 @142028 has 371 MA's), (Start: 19 @142046 has 1 MA's), (Start: 23 @142094 has 1 MA's), (28, 142121), (33, 142157), (45, 142226), (49, 142256), (52, 142271), (54, 142283), (59, 142322), (68, 142376), (71, 142397), (78, 142439), (105, 142535), (110, 142565), (123, 142628), (137, 142697),

Gene: Zalkecks_248 Start: 141917, Stop: 142672, Start Num: 14
Candidate Starts for Zalkecks_248:
(Start: 14 @141917 has 371 MA's), (24, 141992), (46, 142130), (48, 142136), (54, 142169), (57, 142196), (60, 142211), (62, 142232), (85, 142346), (92, 142367), (93, 142376), (98, 142391), (99, 142394), (118, 142490), (136, 142580), (150, 142652), (151, 142655),

Gene: Zalkecks_247 Start: 141134, Stop: 141904, Start Num: 14
Candidate Starts for Zalkecks_247:
(Start: 14 @141134 has 371 MA's), (Start: 19 @141152 has 1 MA's), (Start: 23 @141200 has 1 MA's), (28, 141227), (33, 141263), (45, 141332), (49, 141362), (52, 141377), (54, 141389), (59, 141428), (68, 141482), (71, 141503), (78, 141545), (105, 141641), (110, 141671), (123, 141734), (137, 141803),

Gene: Zeenon_250 Start: 142451, Stop: 143206, Start Num: 14
Candidate Starts for Zeenon_250:
(Start: 14 @142451 has 371 MA's), (24, 142526), (46, 142664), (48, 142670), (54, 142703), (57, 142730), (60, 142745), (62, 142766), (85, 142880), (92, 142901), (93, 142910), (98, 142925), (99, 142928), (118, 143024), (136, 143114), (150, 143186), (151, 143189),

Gene: Zeenon_249 Start: 141668, Stop: 142438, Start Num: 14

Candidate Starts for Zeenon_249:
(Start: 14 @141668 has 371 MA's), (Start: 19 @141686 has 1 MA's), (Start: 23 @141734 has 1 MA's), (28, 141761), (33, 141797), (45, 141866), (49, 141896), (52, 141911), (54, 141923), (59, 141962), (68, 142016), (71, 142037), (78, 142079), (105, 142175), (110, 142205), (123, 142268), (137, 142337),

Gene: ZygoTaiga_244 Start: 142325, Stop: 143095, Start Num: 14
Candidate Starts for ZygoTaiga_244:
(Start: 14 @142325 has 371 MA's), (Start: 19 @142343 has 1 MA's), (Start: 23 @142391 has 1 MA's), (28, 142418), (33, 142454), (45, 142523), (49, 142553), (52, 142568), (54, 142580), (59, 142619), (68, 142673), (71, 142694), (78, 142736), (105, 142832), (110, 142862), (123, 142925), (137, 142994),

Gene: ZygoTaiga_245 Start: 143108, Stop: 143863, Start Num: 14
Candidate Starts for ZygoTaiga_245:
(Start: 14 @143108 has 371 MA's), (24, 143183), (46, 143321), (48, 143327), (54, 143360), (57, 143387), (60, 143402), (62, 143423), (85, 143537), (92, 143558), (93, 143567), (98, 143582), (99, 143585), (118, 143681), (136, 143771), (150, 143843), (151, 143846),