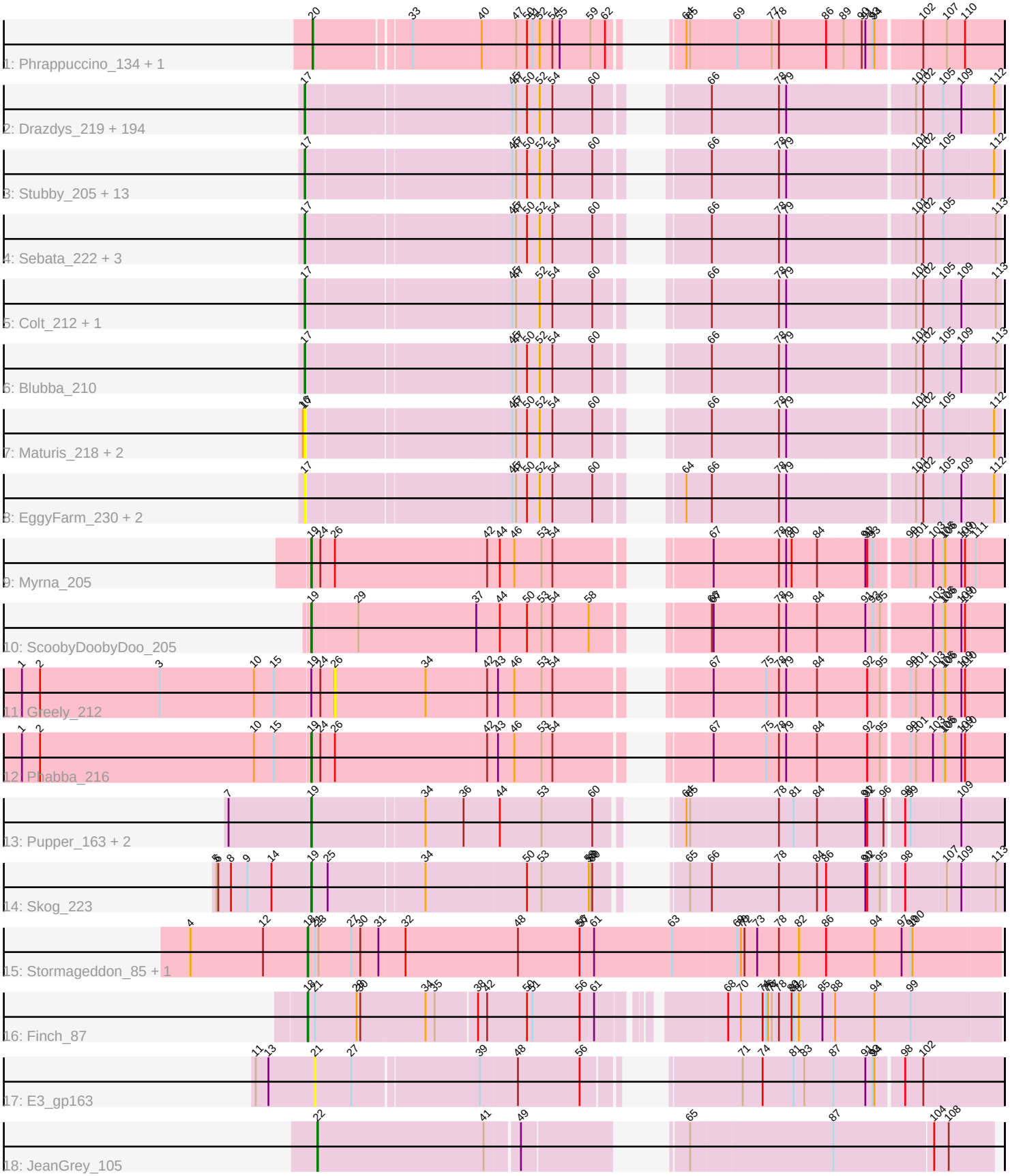
Pham 345360


1: Phrappuccino_134 + 1
2: Drazdys_219 + 194
3: Stubby_205 + 13
4: Sebata_222 + 3
5: Colt_212 + 1
6: Blubba_210
7: Maturis_218 + 2
8: EggyFarm_230 + 2
9: Myrna_205
10: ScoobyDoobyDoo_205
11: Greely_212
12: Phabba_216
13: Pupper_163 + 2
14: Skog_223
15: Stormageddon_85 + 1
16: Finch_87
17: E3_gp163
18: JeanGrey_105

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 345360 Report

This analysis was run 11/14/26 on database version 672.

Pham number 345360 has 237 members, 32 are drafts.

Phages represented in each track:
• Track 1 : Phrappuccino_134, Settecandela_134
• Track 2 : Drazdys_219, LRRHood_214, LookingGlass_220, ShiaLabeouf_218, Audrick_223, I3_231, Ghost_221, Loanshark_218, Essence_218, Caravan_212, Rizal_213, Pivoine_222, SVoro_217, Naval22_228, IkeLoa_213, DTDevon_223, Spud_215, Bipolarisk_219, Patter_222, Iota_216, Gamgam_222, Naija_222, CharlieB_215, NuevoMundo_224, Koguma_220, GoldenSnow_221, ChaylaJr_219, Jessibeth14_221, Tainan_222, ErnieJ_214, SmallFry_221, Delilah_219, Cleatunium_214, Breeniome_220, BadAgartude_215, CindyLou_222, Ewok_220, Dietrick_210, Rocha_218, Puhon_223, ValleyTerrace_222, Ava3_220, Kboogie_225, OrediggerDelux_222, Lethe_221, Roots515_223, Blackdragon_216, Maby2021_221, JulietS_212, QBert_213, Amataga_222, Megamind_218, Latch_221, GlutenPhree_222, MoMoMixon_219, Erdmann_222, DirtMonster_214, Mangeria_222, Bigswole_226, Shelob_222, Issimir_214, PharkleMinkus_221, Melpomini_216, Fixie_212, Quasimodo_223, Jezreel_218, EasyJones_224, ZygoTaiga_218, JigglyPuff_228, Capablanca_226, LolaVinca_219, Momo_222, Grungle_205, Lukilu_212, ScottMcG_215, Ngannou_218, ChickenPhender_217, Jedediah_221, Ading_222, LifeSavor_220, Shnickers_219, ArcherS7_221, Mikro_217, Rahel_222, RoMag_216, MikeLiesIn_223, Cali_214, Derek_218, Spec_215, StephanieG_217, Astraea_215, Maguvora_222, Halldule_214, Tonenili_243, YemiJoy2021_222, Sprinklers_219, Ronan_217, Phusco_219, Jaygup_217, Delylah_223, Catera_213, ParkTD_220, Atlantean_221, Bowman_221, Nappy_222, JPickles_217, Specks_225, Basquiat_218, Shrimp_223, Zeenon_223, Trinitium_217, Phlegm_225, Napoleon13_218, Sauce_217, Janiyra_224, DrPhinkDaddy_218, Pleione_225, Chargie21_218, FrayBell_224, Asterius_223, Bread_216, Demodog_227, Blackbrain_218, Teardrop_218, Bonray_223, Duckfeet_215, Primadonna_216, Phox_222, LordLeafolot_222, Shaqnato_212, Nidhogg_222, Tortoise16_219, Adlitam_220, Morizzled23_218, Jemmno_220, BananaFence_218, Substance289_218, YoungMoneyMata_220, Belieber_214, Salacia_221, Gabriel_224, Izajani_219, SoilZilla_216, NoodleTree_227, EmmaElysia_225, Dandelion_229, PurduePete_221, Bxz1_211, Turret_214, Bangla1971_221, Zalkecks_220, Wally_219, Chomp_221, Babyland_224, Pier_222, Dessert_221, Guwapp_216, Bezza_214, Labradorite_221, Pio_229, Gizmo_227, Fludd_221, Norm_221, BeanWater_213, StubbySaigey_226, Yucca_221, Kamryn_220, Domi_215, Yassified_218, BobaPhatt_213, InigoMontoya_224, NedWong_220, Fongie_222, Matsumoto_219, Ablatia_220, LinStu_220, Darko_220, Daffodil_226, Littleton_224, SrishMeg2525_218, Lee7_225, Cactojaque_216, InterFolia_224, SilverDipper_225, McWolfish_218, FoxtrotP1_219, FudgeTart_216,

TinyTim_219, Willis_222, Tyke_219, Concombre_226, Khaleesi_220, Pupusa_225, SiwenD96_223, EmToTheThree_221
• Track 3 : Stubby_205, HyRo_209, Burrough_223, Alice_208, Pinkcreek_205, JustHall_215, Rabinovish_214, Shifa_198, DeejaClivia_209, McGee_220, ET08_209, Moiqah_216, Moby_217, Vortrix_241
• Track 4 : Sebata_222, JayJay_223, BackyardAgain_217, Flabslab_216
• Track 5 : Colt_212, Cane17_212
• Track 6 : Blubba_210
• Track 7 : Maturis_218, Montpel_219, Lunareta_219
• Track 8 : EggyFarm_230, Grasshills_229, BigCity_230
• Track 9 : Myrna_205
• Track 10 : ScoobyDoobyDoo_205
• Track 11 : Greely_212
• Track 12 : Phabba_216
• Track 13 : Pupper_163, SCentae_162, CherryTomatoes_164
• Track 14 : Skog_223
• Track 15 : Stormageddon_85, RedWattleHog_88
• Track 16 : Finch_87
• Track 17 : E3_gp163
• Track 18 : JeanGrey_105

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

The start number called the most often in the published annotations is 17, it was called in 192 of the 205 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ablatia_220, Ading_222, Adlitam_220, Alice_208, Amataga_222, ArcherS7_221, Asterius_223, Astraea_215, Atlantean_221, Audrick_223, Ava3_220, Babyland_224, BackyardAgain_217, BadAgartude_215, BananaFence_218, Bangla1971_221, Basquiat_218, BeanWater_213, Belieber_214, Bezza_214, BigCity_230, Bigswole_226, Bipolarisk_219, Blackbrain_218, Blackdragon_216, Blubba_210, BobaPhatt_213, Bonray_223, Bowman_221, Bread_216, Breeniome_220, Burrough_223, Bxz1_211, Cactojaque_216, Cali_214, Cane17_212, Capablanca_226, Caravan_212, Catera_213, Chargie21_218, CharlieB_215, ChaylaJr_219, ChickenPhender_217, Chomp_221, CindyLou_222, Cleatunium_214, Colt_212, Concombre_226, DTDevon_223, Daffodil_226, Dandelion_229, Darko_220, DeejaClivia_209, Delilah_219, Delylah_223, Demodog_227, Derek_218, Dessert_221, Dietrick_210, DirtMonster_214, Domi_215, DrPhinkDaddy_218, Drazdys_219, Duckfeet_215, ET08_209, EasyJones_224, EggyFarm_230, EmToTheThree_221, EmmaElysia_225, Erdmann_222, ErnieJ_214, Essence_218, Ewok_220, Fixie_212, Flabslab_216, Fludd_221, Fongie_222, FoxtrotP1_219, FrayBell_224, FudgeTart_216, Gabriel_224, Gamgam_222, Ghost_221, Gizmo_227, GlutenPhree_222, GoldenSnow_221, Grasshills_229, Grungle_205, Guwapp_216, Halldule_214, HyRo_209, I3_231, IkeLoa_213, InigoMontoya_224, InterFolia_224, Iota_216, Issimir_214, Izajani_219, JPickles_217, Janiyra_224, JayJay_223, Jaygup_217, Jedediah_221, Jemmno_220, Jessibeth14_221, Jezreel_218, JigglyPuff_228, JulietS_212, JustHall_215, Kamryn_220, Kboogie_225, Khaleesi_220, Koguma_220, LRRHood_214, Labradorite_221, Latch_221, Lee7_225, Lethe_221, LifeSavor_220, LinStu_220, Littleton_224, Loanshark_218,

LolaVinca_219, LookingGlass_220, LordLeafolot_222, Lukilu_212, Lunareta_219, Maby2021_221, Maguvora_222, Mangeria_222, Matsumoto_219, Maturis_218, McGee_220, McWolfish_218, Megamind_218, Melpomini_216, MikeLiesIn_223, Mikro_217, MoMoMixon_219, Moby_217, Moiqah_216, Momo_222, Montpel_219, Morizzled23_218, Naija_222, Napoleon13_218, Nappy_222, Naval22_228, NedWong_220, Ngannou_218, Nidhogg_222, NoodleTree_227, Norm_221, NuevoMundo_224, OrediggerDelux_222, ParkTD_220, Patter_222, PharkleMinkus_221, Phlegm_225, Phox_222, Phusco_219, Pier_222, Pinkcreek_205, Pio_229, Pivoine_222, Pleione_225, Primadonna_216, Puhon_223, Pupusa_225, PurduePete_221, QBert_213, Quasimodo_223, Rabinovish_214, Rahel_222, Rizal_213, RoMag_216, Rocha_218, Ronan_217, Roots515_223, SVoro_217, Salacia_221, Sauce_217, ScottMcG_215, Sebata_222, Shaqnato_212, Shelob_222, ShiaLabeouf_218, Shifa_198, Shnickers_219, Shrimp_223, SilverDipper_225, SiwenD96_223, SmallFry_221, SoilZilla_216, Spec_215, Specks_225, Sprinklers_219, Spud_215, SrishMeg2525_218, StephanieG_217, StubbySaigey_226, Stubby_205, Substance289_218, Tainan_222, Teardrop_218, TinyTim_219, Tonenili_243, Tortoise16_219, Trinitium_217, Turret_214, Tyke_219, ValleyTerrace_222, Vortrix_241, Wally_219, Willis_222, Yassified_218, YemiJoy2021_222, YoungMoneyMata_220, Yucca_221, Zalkecks_220, Zeenon_223, ZygoTaiga_218,

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

Genes that do not have the "Most Annotated" start:
• CherryTomatoes_164, E3_gp163, Finch_87, Greely_212, JeanGrey_105, Myrna_205, Phabba_216, Phrappuccino_134, Pupper_163, RedWattleHog_88, SCentae_162, ScoobyDoobyDoo_205, Settecandela_134, Skog_223, Stormageddon_85,

Summary by start number:

Start 17:
• Found in 222 of 237 (93.7%) of genes in pham
• Manual Annotations of this start: 192 of 205
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ablatia_220 (C1), Ading_222 (C1), Adlitam_220 (C1), Alice_208 (C1), Amataga_222 (C1), ArcherS7_221 (C1), Asterius_223 (C1), Astraea_215 (C1), Atlantean_221 (C1), Audrick_223 (C1), Ava3_220 (C1), Babyland_224 (C1), BackyardAgain_217 (C1), BadAgartude_215 (C1), BananaFence_218 (C1), Bangla1971_221 (C1), Basquiat_218 (C1), BeanWater_213 (C1), Belieber_214 (C1), Bezza_214 (C1), BigCity_230 (C1), Bigswole_226 (C1), Bipolarisk_219 (C1), Blackbrain_218 (C1), Blackdragon_216 (C1), Blubba_210 (C1), BobaPhatt_213 (C1), Bonray_223 (C1), Bowman_221 (C1), Bread_216 (C1), Breeniome_220 (C1), Burrough_223 (C1), Bxz1_211 (C1), Cactojaque_216 (C1), Cali_214 (C1), Cane17_212 (C1), Capablanca_226 (C1), Caravan_212 (C1), Catera_213 (C1), Chargie21_218 (C1), CharlieB_215 (C1), ChaylaJr_219 (C1), ChickenPhender_217 (C1), Chomp_221 (C1), CindyLou_222 (C1), Cleatunium_214 (C1), Colt_212 (C1), Concombre_226 (C1), DTDevon_223 (C1), Daffodil_226 (C1), Dandelion_229 (C1), Darko_220 (C1), DeejaClivia_209 (C1), Delilah_219 (C1), Delylah_223 (C1), Demodog_227 (C1), Derek_218 (C1), Dessert_221 (C1), Dietrick_210 (C1), DirtMonster_214 (C1), Domi_215 (C1), DrPhinkDaddy_218 (C1), Drazdys_219 (C1), Duckfeet_215 (C1), ET08_209 (C1),

EasyJones_224 (C1), EggyFarm_230 (C1), EmToTheThree_221 (C1), EmmaElysia_225 (C1), Erdmann_222 (C1), ErnieJ_214 (C1), Essence_218 (C1), Ewok_220 (C1), Fixie_212 (C1), Flabslab_216 (C1), Fludd_221 (C1), Fongie_222 (C1), FoxtrotP1_219 (C1), FrayBell_224 (C1), FudgeTart_216 (C1), Gabriel_224 (C1), Gamgam_222 (C1), Ghost_221 (C1), Gizmo_227 (C1), GlutenPhree_222 (C1), GoldenSnow_221 (C1), Grasshills_229 (C1), Grungle_205 (C1), Guwapp_216 (C1), Halldule_214 (C1), HyRo_209 (C1), I3_231 (C1), IkeLoa_213 (C1), InigoMontoya_224 (C1), InterFolia_224 (C1), Iota_216 (C1), Issimir_214 (C1), Izajani_219 (C1), JPickles_217 (C1), Janiyra_224 (C1), JayJay_223 (C1), Jaygup_217 (C1), Jedediah_221 (C1), Jemmno_220 (C1), Jessibeth14_221 (C1), Jezreel_218 (C1), JigglyPuff_228 (C1), JulietS_212 (C1), JustHall_215 (C1), Kamryn_220 (C1), Kboogie_225 (C1), Khaleesi_220 (C1), Koguma_220 (C1), LRRHood_214 (C1), Labradorite_221 (C1), Latch_221 (C1), Lee7_225 (C1), Lethe_221 (C1), LifeSavor_220 (C1), LinStu_220 (C1), Littleton_224 (C1), Loanshark_218 (C1), LolaVinca_219 (C1), LookingGlass_220 (C1), LordLeafolot_222 (C1), Lukilu_212 (C1), Lunareta_219 (C1), Maby2021_221 (C1), Maguvora_222 (C1), Mangeria_222 (C1), Matsumoto_219 (C1), Maturis_218 (C1), McGee_220 (C1), McWolfish_218 (C1), Megamind_218 (C1), Melpomini_216 (C1), MikeLiesIn_223 (C1), Mikro_217 (C1), MoMoMixon_219 (C1), Moby_217 (C1), Moiqah_216 (C1), Momo_222 (C1), Montpel_219 (C1), Morizzled23_218 (C1), Naija_222 (C1), Napoleon13_218 (C1), Nappy_222 (C1), Naval22_228 (C1), NedWong_220 (C1), Ngannou_218 (C1), Nidhogg_222 (C1), NoodleTree_227 (C1), Norm_221 (C1), NuevoMundo_224 (C1), OrediggerDelux_222 (C1), ParkTD_220 (C1), Patter_222 (C1), PharkleMinkus_221 (C1), Phlegm_225 (C1), Phox_222 (C1), Phusco_219 (C1), Pier_222 (C1), Pinkcreek_205 (C1), Pio_229 (C1), Pivoine_222 (C1), Pleione_225 (C1), Primadonna_216 (C1), Puhon_223 (C1), Pupusa_225 (C1), PurduePete_221 (C1), QBert_213 (C1), Quasimodo_223 (C1), Rabinovish_214 (C1), Rahel_222 (C1), Rizal_213 (C1), RoMag_216 (C1), Rocha_218 (C1), Ronan_217 (C1), Roots515_223 (C1), SVoro_217 (C1), Salacia_221 (C1), Sauce_217 (C1), ScottMcG_215 (C1), Sebata_222 (C1), Shaqnato_212 (C1), Shelob_222 (C1), ShiaLabeouf_218 (C1), Shifa_198 (C1), Shnickers_219 (C1), Shrimp_223 (C1), SilverDipper_225 (C1), SiwenD96_223 (C1), SmallFry_221 (C1), SoilZilla_216 (C1), Spec_215 (C1), Specks_225 (C1), Sprinklers_219 (C1), Spud_215 (C1), SrishMeg2525_218 (C1), StephanieG_217 (C1), StubbySaigey_226 (C1), Stubby_205 (C1), Substance289_218 (C1), Tainan_222 (C1), Teardrop_218 (C1), TinyTim_219 (C1), Tonenili_243 (C1), Tortoise16_219 (C1), Trinitium_217 (C1), Turret_214 (C1), Tyke_219 (C1), ValleyTerrace_222 (C1), Vortrix_241 (C1), Wally_219 (C1), Willis_222 (C1), Yassified_218 (C1), YemiJoy2021_222 (C1), YoungMoneyMata_220 (C1), Yucca_221 (C1), Zalkecks_220 (C1), Zeenon_223 (C1), ZygoTaiga_218 (C1),

Start 18:
• Found in 3 of 237 (1.3%) of genes in pham
• Manual Annotations of this start: 3 of 205
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finch_87 (singleton), RedWattleHog_88 (DX), Stormageddon_85 (DX),

Start 19:
• Found in 8 of 237 (3.4%) of genes in pham
• Manual Annotations of this start: 7 of 205
• Called 87.5% of time when present
• Phage (with cluster) where this start called: CherryTomatoes_164 (DO), Myrna_205 (C2), Phabba_216 (C2), Pupper_163 (DO), SCentae_162 (DO),

ScoobyDoobyDoo_205 (C2), Skog_223 (DO),

Start 20:
• Found in 2 of 237 (0.8%) of genes in pham
• Manual Annotations of this start: 2 of 205
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phrappuccino_134 (AA), Settecandela_134 (AA),

Start 21:
• Found in 4 of 237 (1.7%) of genes in pham
• No Manual Annotations of this start.
• Called 25.0% of time when present
• Phage (with cluster) where this start called: E3_gp163 (singleton),

Start 22:
• Found in 1 of 237 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 205
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JeanGrey_105 (singleton),

Start 26:
• Found in 3 of 237 (1.3%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Greely_212 (C2),

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 20 was manually annotated 2 times for cluster AA.

Info for manual annotations of cluster C1:
•Start number 17 was manually annotated 192 times for cluster C1.

Info for manual annotations of cluster C2:
•Start number 19 was manually annotated 3 times for cluster C2.

Info for manual annotations of cluster DO:
•Start number 19 was manually annotated 4 times for cluster DO.

Info for manual annotations of cluster DX:
•Start number 18 was manually annotated 2 times for cluster DX.

Gene Information:

Gene: Ablatia_220 Start: 123774, Stop: 124796, Start Num: 17
Candidate Starts for Ablatia_220:

(Start: 17 @123774 has 192 MA's), (45, 124092), (47, 124098), (50, 124116), (52, 124137), (54, 124158), (60, 124224), (66, 124338), (78, 124449), (79, 124461), (101, 124659), (102, 124671), (105, 124704), (109, 124734), (112, 124785),

Gene: Ading_222 Start: 125394, Stop: 126416, Start Num: 17
Candidate Starts for Ading_222:
(Start: 17 @125394 has 192 MA's), (45, 125712), (47, 125718), (50, 125736), (52, 125757), (54, 125778), (60, 125844), (66, 125958), (78, 126069), (79, 126081), (101, 126279), (102, 126291), (105, 126324), (109, 126354), (112, 126405),

Gene: Adlitam_220 Start: 123998, Stop: 125020, Start Num: 17
Candidate Starts for Adlitam_220:
(Start: 17 @123998 has 192 MA's), (45, 124316), (47, 124322), (50, 124340), (52, 124361), (54, 124382), (60, 124448), (66, 124562), (78, 124673), (79, 124685), (101, 124883), (102, 124895), (105, 124928), (109, 124958), (112, 125009),

Gene: Alice_208 Start: 122964, Stop: 123986, Start Num: 17
Candidate Starts for Alice_208:
(Start: 17 @122964 has 192 MA's), (45, 123282), (47, 123288), (50, 123306), (52, 123327), (54, 123348), (60, 123414), (66, 123528), (78, 123639), (79, 123651), (101, 123849), (102, 123861), (105, 123894), (112, 123975),

Gene: Amataga_222 Start: 123810, Stop: 124832, Start Num: 17
Candidate Starts for Amataga_222:
(Start: 17 @123810 has 192 MA's), (45, 124128), (47, 124134), (50, 124152), (52, 124173), (54, 124194), (60, 124260), (66, 124374), (78, 124485), (79, 124497), (101, 124695), (102, 124707), (105, 124740), (109, 124770), (112, 124821),

Gene: ArcherS7_221 Start: 124852, Stop: 125874, Start Num: 17
Candidate Starts for ArcherS7_221:
(Start: 17 @124852 has 192 MA's), (45, 125170), (47, 125176), (50, 125194), (52, 125215), (54, 125236), (60, 125302), (66, 125416), (78, 125527), (79, 125539), (101, 125737), (102, 125749), (105, 125782), (109, 125812), (112, 125863),

Gene: Asterius_223 Start: 124219, Stop: 125241, Start Num: 17
Candidate Starts for Asterius_223:
(Start: 17 @124219 has 192 MA's), (45, 124537), (47, 124543), (50, 124561), (52, 124582), (54, 124603), (60, 124669), (66, 124783), (78, 124894), (79, 124906), (101, 125104), (102, 125116), (105, 125149), (109, 125179), (112, 125230),

Gene: Astraea_215 Start: 123414, Stop: 124436, Start Num: 17
Candidate Starts for Astraea_215:
(Start: 17 @123414 has 192 MA's), (45, 123732), (47, 123738), (50, 123756), (52, 123777), (54, 123798), (60, 123864), (66, 123978), (78, 124089), (79, 124101), (101, 124299), (102, 124311), (105, 124344), (109, 124374), (112, 124425),

Gene: Atlantean_221 Start: 123810, Stop: 124832, Start Num: 17
Candidate Starts for Atlantean_221:
(Start: 17 @123810 has 192 MA's), (45, 124128), (47, 124134), (50, 124152), (52, 124173), (54, 124194), (60, 124260), (66, 124374), (78, 124485), (79, 124497), (101, 124695), (102, 124707), (105, 124740), (109, 124770), (112, 124821),

Gene: Audrick_223 Start: 123700, Stop: 124722, Start Num: 17

Candidate Starts for Audrick_223:
(Start: 17 @123700 has 192 MA's), (45, 124018), (47, 124024), (50, 124042), (52, 124063), (54, 124084), (60, 124150), (66, 124264), (78, 124375), (79, 124387), (101, 124585), (102, 124597), (105, 124630), (109, 124660), (112, 124711),

Gene: Ava3_220 Start: 124232, Stop: 125254, Start Num: 17
Candidate Starts for Ava3_220:
(Start: 17 @124232 has 192 MA's), (45, 124550), (47, 124556), (50, 124574), (52, 124595), (54, 124616), (60, 124682), (66, 124796), (78, 124907), (79, 124919), (101, 125117), (102, 125129), (105, 125162), (109, 125192), (112, 125243),

Gene: Babyland_224 Start: 124587, Stop: 125609, Start Num: 17
Candidate Starts for Babyland_224:
(Start: 17 @124587 has 192 MA's), (45, 124905), (47, 124911), (50, 124929), (52, 124950), (54, 124971), (60, 125037), (66, 125151), (78, 125262), (79, 125274), (101, 125472), (102, 125484), (105, 125517), (109, 125547), (112, 125598),

Gene: BackyardAgain_217 Start: 121766, Stop: 122788, Start Num: 17
Candidate Starts for BackyardAgain_217:
(Start: 17 @121766 has 192 MA's), (45, 122084), (47, 122090), (50, 122108), (52, 122129), (54, 122150), (60, 122216), (66, 122330), (78, 122441), (79, 122453), (101, 122651), (102, 122663), (105, 122696), (113, 122780),

Gene: BadAgartude_215 Start: 123900, Stop: 124922, Start Num: 17
Candidate Starts for BadAgartude_215:
(Start: 17 @123900 has 192 MA's), (45, 124218), (47, 124224), (50, 124242), (52, 124263), (54, 124284), (60, 124350), (66, 124464), (78, 124575), (79, 124587), (101, 124785), (102, 124797), (105, 124830), (109, 124860), (112, 124911),

Gene: BananaFence_218 Start: 124043, Stop: 125065, Start Num: 17
Candidate Starts for BananaFence_218:
(Start: 17 @124043 has 192 MA's), (45, 124361), (47, 124367), (50, 124385), (52, 124406), (54, 124427), (60, 124493), (66, 124607), (78, 124718), (79, 124730), (101, 124928), (102, 124940), (105, 124973), (109, 125003), (112, 125054),

Gene: Bangla1971_221 Start: 123816, Stop: 124838, Start Num: 17
Candidate Starts for Bangla1971_221:
(Start: 17 @123816 has 192 MA's), (45, 124134), (47, 124140), (50, 124158), (52, 124179), (54, 124200), (60, 124266), (66, 124380), (78, 124491), (79, 124503), (101, 124701), (102, 124713), (105, 124746), (109, 124776), (112, 124827),

Gene: Basquiat_218 Start: 122329, Stop: 123351, Start Num: 17
Candidate Starts for Basquiat_218:
(Start: 17 @122329 has 192 MA's), (45, 122647), (47, 122653), (50, 122671), (52, 122692), (54, 122713), (60, 122779), (66, 122893), (78, 123004), (79, 123016), (101, 123214), (102, 123226), (105, 123259), (109, 123289), (112, 123340),

Gene: BeanWater_213 Start: 122843, Stop: 123865, Start Num: 17
Candidate Starts for BeanWater_213:
(Start: 17 @122843 has 192 MA's), (45, 123161), (47, 123167), (50, 123185), (52, 123206), (54, 123227), (60, 123293), (66, 123407), (78, 123518), (79, 123530), (101, 123728), (102, 123740), (105, 123773), (109, 123803), (112, 123854),

Gene: Belieber_214 Start: 121643, Stop: 122665, Start Num: 17
Candidate Starts for Belieber_214:
(Start: 17 @121643 has 192 MA's), (45, 121961), (47, 121967), (50, 121985), (52, 122006), (54, 122027), (60, 122093), (66, 122207), (78, 122318), (79, 122330), (101, 122528), (102, 122540), (105, 122573), (109, 122603), (112, 122654),

Gene: Bezza_214 Start: 123355, Stop: 124377, Start Num: 17
Candidate Starts for Bezza_214:
(Start: 17 @123355 has 192 MA's), (45, 123673), (47, 123679), (50, 123697), (52, 123718), (54, 123739), (60, 123805), (66, 123919), (78, 124030), (79, 124042), (101, 124240), (102, 124252), (105, 124285), (109, 124315), (112, 124366),

Gene: BigCity_230 Start: 126414, Stop: 127436, Start Num: 17
Candidate Starts for BigCity_230:
(Start: 17 @126414 has 192 MA's), (45, 126732), (47, 126738), (50, 126756), (52, 126777), (54, 126798), (60, 126864), (64, 126939), (66, 126978), (78, 127089), (79, 127101), (101, 127299), (102, 127311), (105, 127344), (109, 127374), (112, 127425),

Gene: Bigswole_226 Start: 126268, Stop: 127290, Start Num: 17
Candidate Starts for Bigswole_226:
(Start: 17 @126268 has 192 MA's), (45, 126586), (47, 126592), (50, 126610), (52, 126631), (54, 126652), (60, 126718), (66, 126832), (78, 126943), (79, 126955), (101, 127153), (102, 127165), (105, 127198), (109, 127228), (112, 127279),

Gene: Bipolarisk_219 Start: 124501, Stop: 125523, Start Num: 17
Candidate Starts for Bipolarisk_219:
(Start: 17 @124501 has 192 MA's), (45, 124819), (47, 124825), (50, 124843), (52, 124864), (54, 124885), (60, 124951), (66, 125065), (78, 125176), (79, 125188), (101, 125386), (102, 125398), (105, 125431), (109, 125461), (112, 125512),

Gene: Blackbrain_218 Start: 123402, Stop: 124424, Start Num: 17
Candidate Starts for Blackbrain_218:
(Start: 17 @123402 has 192 MA's), (45, 123720), (47, 123726), (50, 123744), (52, 123765), (54, 123786), (60, 123852), (66, 123966), (78, 124077), (79, 124089), (101, 124287), (102, 124299), (105, 124332), (109, 124362), (112, 124413),

Gene: Blackdragon_216 Start: 124131, Stop: 125153, Start Num: 17
Candidate Starts for Blackdragon_216:
(Start: 17 @124131 has 192 MA's), (45, 124449), (47, 124455), (50, 124473), (52, 124494), (54, 124515), (60, 124581), (66, 124695), (78, 124806), (79, 124818), (101, 125016), (102, 125028), (105, 125061), (109, 125091), (112, 125142),

Gene: Blubba_210 Start: 127483, Stop: 128505, Start Num: 17
Candidate Starts for Blubba_210:
(Start: 17 @127483 has 192 MA's), (45, 127801), (47, 127807), (50, 127825), (52, 127846), (54, 127867), (60, 127933), (66, 128047), (78, 128158), (79, 128170), (101, 128368), (102, 128380), (105, 128413), (109, 128443), (113, 128497),

Gene: BobaPhatt_213 Start: 122521, Stop: 123543, Start Num: 17
Candidate Starts for BobaPhatt_213:
(Start: 17 @122521 has 192 MA's), (45, 122839), (47, 122845), (50, 122863), (52, 122884), (54, 122905), (60, 122971), (66, 123085), (78, 123196), (79, 123208), (101, 123406), (102, 123418), (105, 123451), (109, 123481), (112, 123532),

Gene: Bonray_223 Start: 125906, Stop: 126928, Start Num: 17
Candidate Starts for Bonray_223:
(Start: 17 @125906 has 192 MA's), (45, 126224), (47, 126230), (50, 126248), (52, 126269), (54, 126290), (60, 126356), (66, 126470), (78, 126581), (79, 126593), (101, 126791), (102, 126803), (105, 126836), (109, 126866), (112, 126917),

Gene: Bowman_221 Start: 125021, Stop: 126043, Start Num: 17
Candidate Starts for Bowman_221:
(Start: 17 @125021 has 192 MA's), (45, 125339), (47, 125345), (50, 125363), (52, 125384), (54, 125405), (60, 125471), (66, 125585), (78, 125696), (79, 125708), (101, 125906), (102, 125918), (105, 125951), (109, 125981), (112, 126032),

Gene: Bread_216 Start: 123913, Stop: 124935, Start Num: 17
Candidate Starts for Bread_216:
(Start: 17 @123913 has 192 MA's), (45, 124231), (47, 124237), (50, 124255), (52, 124276), (54, 124297), (60, 124363), (66, 124477), (78, 124588), (79, 124600), (101, 124798), (102, 124810), (105, 124843), (109, 124873), (112, 124924),

Gene: Breeniome_220 Start: 123367, Stop: 124389, Start Num: 17
Candidate Starts for Breeniome_220:
(Start: 17 @123367 has 192 MA's), (45, 123685), (47, 123691), (50, 123709), (52, 123730), (54, 123751), (60, 123817), (66, 123931), (78, 124042), (79, 124054), (101, 124252), (102, 124264), (105, 124297), (109, 124327), (112, 124378),

Gene: Burrough_223 Start: 125683, Stop: 126705, Start Num: 17
Candidate Starts for Burrough_223:
(Start: 17 @125683 has 192 MA's), (45, 126001), (47, 126007), (50, 126025), (52, 126046), (54, 126067), (60, 126133), (66, 126247), (78, 126358), (79, 126370), (101, 126568), (102, 126580), (105, 126613), (112, 126694),

Gene: Bxz1_211 Start: 125889, Stop: 126911, Start Num: 17
Candidate Starts for Bxz1_211:
(Start: 17 @125889 has 192 MA's), (45, 126207), (47, 126213), (50, 126231), (52, 126252), (54, 126273), (60, 126339), (66, 126453), (78, 126564), (79, 126576), (101, 126774), (102, 126786), (105, 126819), (109, 126849), (112, 126900),

Gene: Cactojaque_216 Start: 122349, Stop: 123371, Start Num: 17
Candidate Starts for Cactojaque_216:
(Start: 17 @122349 has 192 MA's), (45, 122667), (47, 122673), (50, 122691), (52, 122712), (54, 122733), (60, 122799), (66, 122913), (78, 123024), (79, 123036), (101, 123234), (102, 123246), (105, 123279), (109, 123309), (112, 123360),

Gene: Cali_214 Start: 124281, Stop: 125303, Start Num: 17
Candidate Starts for Cali_214:
(Start: 17 @124281 has 192 MA's), (45, 124599), (47, 124605), (50, 124623), (52, 124644), (54, 124665), (60, 124731), (66, 124845), (78, 124956), (79, 124968), (101, 125166), (102, 125178), (105, 125211), (109, 125241), (112, 125292),

Gene: Cane17_212 Start: 127892, Stop: 128914, Start Num: 17
Candidate Starts for Cane17_212:
(Start: 17 @127892 has 192 MA's), (45, 128210), (47, 128216), (52, 128255), (54, 128276), (60, 128342), (66, 128456), (78, 128567), (79, 128579), (101, 128777), (102, 128789), (105, 128822), (109,

128852), (113, 128906),

Gene: Capablanca_226 Start: 126498, Stop: 127520, Start Num: 17
Candidate Starts for Capablanca_226:
(Start: 17 @126498 has 192 MA's), (45, 126816), (47, 126822), (50, 126840), (52, 126861), (54, 126882), (60, 126948), (66, 127062), (78, 127173), (79, 127185), (101, 127383), (102, 127395), (105, 127428), (109, 127458), (112, 127509),

Gene: Caravan_212 Start: 124621, Stop: 125643, Start Num: 17
Candidate Starts for Caravan_212:
(Start: 17 @124621 has 192 MA's), (45, 124939), (47, 124945), (50, 124963), (52, 124984), (54, 125005), (60, 125071), (66, 125185), (78, 125296), (79, 125308), (101, 125506), (102, 125518), (105, 125551), (109, 125581), (112, 125632),

Gene: Catera_213 Start: 123023, Stop: 124045, Start Num: 17
Candidate Starts for Catera_213:
(Start: 17 @123023 has 192 MA's), (45, 123341), (47, 123347), (50, 123365), (52, 123386), (54, 123407), (60, 123473), (66, 123587), (78, 123698), (79, 123710), (101, 123908), (102, 123920), (105, 123953), (109, 123983), (112, 124034),

Gene: Chargie21_218 Start: 122329, Stop: 123351, Start Num: 17
Candidate Starts for Chargie21_218:
(Start: 17 @122329 has 192 MA's), (45, 122647), (47, 122653), (50, 122671), (52, 122692), (54, 122713), (60, 122779), (66, 122893), (78, 123004), (79, 123016), (101, 123214), (102, 123226), (105, 123259), (109, 123289), (112, 123340),

Gene: CharlieB_215 Start: 124035, Stop: 125057, Start Num: 17
Candidate Starts for CharlieB_215:
(Start: 17 @124035 has 192 MA's), (45, 124353), (47, 124359), (50, 124377), (52, 124398), (54, 124419), (60, 124485), (66, 124599), (78, 124710), (79, 124722), (101, 124920), (102, 124932), (105, 124965), (109, 124995), (112, 125046),

Gene: ChaylaJr_219 Start: 123017, Stop: 124039, Start Num: 17
Candidate Starts for ChaylaJr_219:
(Start: 17 @123017 has 192 MA's), (45, 123335), (47, 123341), (50, 123359), (52, 123380), (54, 123401), (60, 123467), (66, 123581), (78, 123692), (79, 123704), (101, 123902), (102, 123914), (105, 123947), (109, 123977), (112, 124028),

Gene: CherryTomatoes_164 Start: 115816, Stop: 116826, Start Num: 19
Candidate Starts for CherryTomatoes_164:
(7, 115681), (Start: 19 @115816 has 7 MA's), (34, 115993), (36, 116056), (44, 116113), (53, 116182), (60, 116266), (64, 116326), (65, 116332), (78, 116476), (81, 116500), (84, 116539), (91, 116617), (92, 116620), (96, 116647), (98, 116668), (99, 116677), (109, 116758),

Gene: ChickenPhender_217 Start: 122476, Stop: 123498, Start Num: 17
Candidate Starts for ChickenPhender_217:
(Start: 17 @122476 has 192 MA's), (45, 122794), (47, 122800), (50, 122818), (52, 122839), (54, 122860), (60, 122926), (66, 123040), (78, 123151), (79, 123163), (101, 123361), (102, 123373), (105, 123406), (109, 123436), (112, 123487),

Gene: Chomp_221 Start: 125099, Stop: 126121, Start Num: 17
Candidate Starts for Chomp_221:

(Start: 17 @125099 has 192 MA's), (45, 125417), (47, 125423), (50, 125441), (52, 125462), (54, 125483), (60, 125549), (66, 125663), (78, 125774), (79, 125786), (101, 125984), (102, 125996), (105, 126029), (109, 126059), (112, 126110),

Gene: CindyLou_222 Start: 125359, Stop: 126381, Start Num: 17
Candidate Starts for CindyLou_222:
(Start: 17 @125359 has 192 MA's), (45, 125677), (47, 125683), (50, 125701), (52, 125722), (54, 125743), (60, 125809), (66, 125923), (78, 126034), (79, 126046), (101, 126244), (102, 126256), (105, 126289), (109, 126319), (112, 126370),

Gene: Cleatunium_214 Start: 123733, Stop: 124755, Start Num: 17
Candidate Starts for Cleatunium_214:
(Start: 17 @123733 has 192 MA's), (45, 124051), (47, 124057), (50, 124075), (52, 124096), (54, 124117), (60, 124183), (66, 124297), (78, 124408), (79, 124420), (101, 124618), (102, 124630), (105, 124663), (109, 124693), (112, 124744),

Gene: Colt_212 Start: 127123, Stop: 128145, Start Num: 17
Candidate Starts for Colt_212:
(Start: 17 @127123 has 192 MA's), (45, 127441), (47, 127447), (52, 127486), (54, 127507), (60, 127573), (66, 127687), (78, 127798), (79, 127810), (101, 128008), (102, 128020), (105, 128053), (109, 128083), (113, 128137),

Gene: Concombre_226 Start: 125957, Stop: 126979, Start Num: 17
Candidate Starts for Concombre_226:
(Start: 17 @125957 has 192 MA's), (45, 126275), (47, 126281), (50, 126299), (52, 126320), (54, 126341), (60, 126407), (66, 126521), (78, 126632), (79, 126644), (101, 126842), (102, 126854), (105, 126887), (109, 126917), (112, 126968),

Gene: DTDevon_223 Start: 125848, Stop: 126870, Start Num: 17
Candidate Starts for DTDevon_223:
(Start: 17 @125848 has 192 MA's), (45, 126166), (47, 126172), (50, 126190), (52, 126211), (54, 126232), (60, 126298), (66, 126412), (78, 126523), (79, 126535), (101, 126733), (102, 126745), (105, 126778), (109, 126808), (112, 126859),

Gene: Daffodil_226 Start: 124801, Stop: 125823, Start Num: 17
Candidate Starts for Daffodil_226:
(Start: 17 @124801 has 192 MA's), (45, 125119), (47, 125125), (50, 125143), (52, 125164), (54, 125185), (60, 125251), (66, 125365), (78, 125476), (79, 125488), (101, 125686), (102, 125698), (105, 125731), (109, 125761), (112, 125812),

Gene: Dandelion_229 Start: 127441, Stop: 128463, Start Num: 17
Candidate Starts for Dandelion_229:
(Start: 17 @127441 has 192 MA's), (45, 127759), (47, 127765), (50, 127783), (52, 127804), (54, 127825), (60, 127891), (66, 128005), (78, 128116), (79, 128128), (101, 128326), (102, 128338), (105, 128371), (109, 128401), (112, 128452),

Gene: Darko_220 Start: 124047, Stop: 125069, Start Num: 17
Candidate Starts for Darko_220:
(Start: 17 @124047 has 192 MA's), (45, 124365), (47, 124371), (50, 124389), (52, 124410), (54, 124431), (60, 124497), (66, 124611), (78, 124722), (79, 124734), (101, 124932), (102, 124944), (105, 124977), (109, 125007), (112, 125058),

Gene: DeejaClivia_209 Start: 122180, Stop: 123202, Start Num: 17

Candidate Starts for DeejaClivia_209:
(Start: 17 @122180 has 192 MA's), (45, 122498), (47, 122504), (50, 122522), (52, 122543), (54, 122564), (60, 122630), (66, 122744), (78, 122855), (79, 122867), (101, 123065), (102, 123077), (105, 123110), (112, 123191),

Gene: Delilah_219 Start: 124931, Stop: 125953, Start Num: 17
Candidate Starts for Delilah_219:
(Start: 17 @124931 has 192 MA's), (45, 125249), (47, 125255), (50, 125273), (52, 125294), (54, 125315), (60, 125381), (66, 125495), (78, 125606), (79, 125618), (101, 125816), (102, 125828), (105, 125861), (109, 125891), (112, 125942),

Gene: Delylah_223 Start: 125208, Stop: 126230, Start Num: 17
Candidate Starts for Delylah_223:
(Start: 17 @125208 has 192 MA's), (45, 125526), (47, 125532), (50, 125550), (52, 125571), (54, 125592), (60, 125658), (66, 125772), (78, 125883), (79, 125895), (101, 126093), (102, 126105), (105, 126138), (109, 126168), (112, 126219),

Gene: Demodog_227 Start: 125967, Stop: 126989, Start Num: 17
Candidate Starts for Demodog_227:
(Start: 17 @125967 has 192 MA's), (45, 126285), (47, 126291), (50, 126309), (52, 126330), (54, 126351), (60, 126417), (66, 126531), (78, 126642), (79, 126654), (101, 126852), (102, 126864), (105, 126897), (109, 126927), (112, 126978),

Gene: Derek_218 Start: 124376, Stop: 125398, Start Num: 17
Candidate Starts for Derek_218:
(Start: 17 @124376 has 192 MA's), (45, 124694), (47, 124700), (50, 124718), (52, 124739), (54, 124760), (60, 124826), (66, 124940), (78, 125051), (79, 125063), (101, 125261), (102, 125273), (105, 125306), (109, 125336), (112, 125387),

Gene: Dessert_221 Start: 123376, Stop: 124398, Start Num: 17
Candidate Starts for Dessert_221:
(Start: 17 @123376 has 192 MA's), (45, 123694), (47, 123700), (50, 123718), (52, 123739), (54, 123760), (60, 123826), (66, 123940), (78, 124051), (79, 124063), (101, 124261), (102, 124273), (105, 124306), (109, 124336), (112, 124387),

Gene: Dietrick_210 Start: 123052, Stop: 124074, Start Num: 17
Candidate Starts for Dietrick_210:
(Start: 17 @123052 has 192 MA's), (45, 123370), (47, 123376), (50, 123394), (52, 123415), (54, 123436), (60, 123502), (66, 123616), (78, 123727), (79, 123739), (101, 123937), (102, 123949), (105, 123982), (109, 124012), (112, 124063),

Gene: DirtMonster_214 Start: 124280, Stop: 125302, Start Num: 17
Candidate Starts for DirtMonster_214:
(Start: 17 @124280 has 192 MA's), (45, 124598), (47, 124604), (50, 124622), (52, 124643), (54, 124664), (60, 124730), (66, 124844), (78, 124955), (79, 124967), (101, 125165), (102, 125177), (105, 125210), (109, 125240), (112, 125291),

Gene: Domi_215 Start: 124391, Stop: 125413, Start Num: 17
Candidate Starts for Domi_215:
(Start: 17 @124391 has 192 MA's), (45, 124709), (47, 124715), (50, 124733), (52, 124754), (54, 124775), (60, 124841), (66, 124955), (78, 125066), (79, 125078), (101, 125276), (102, 125288), (105, 125321), (109, 125351), (112, 125402),

Gene: DrPhinkDaddy_218 Start: 125579, Stop: 126601, Start Num: 17
Candidate Starts for DrPhinkDaddy_218:
(Start: 17 @125579 has 192 MA's), (45, 125897), (47, 125903), (50, 125921), (52, 125942), (54, 125963), (60, 126029), (66, 126143), (78, 126254), (79, 126266), (101, 126464), (102, 126476), (105, 126509), (109, 126539), (112, 126590),

Gene: Drazdys_219 Start: 124493, Stop: 125515, Start Num: 17
Candidate Starts for Drazdys_219:
(Start: 17 @124493 has 192 MA's), (45, 124811), (47, 124817), (50, 124835), (52, 124856), (54, 124877), (60, 124943), (66, 125057), (78, 125168), (79, 125180), (101, 125378), (102, 125390), (105, 125423), (109, 125453), (112, 125504),

Gene: Duckfeet_215 Start: 124004, Stop: 125026, Start Num: 17
Candidate Starts for Duckfeet_215:
(Start: 17 @124004 has 192 MA's), (45, 124322), (47, 124328), (50, 124346), (52, 124367), (54, 124388), (60, 124454), (66, 124568), (78, 124679), (79, 124691), (101, 124889), (102, 124901), (105, 124934), (109, 124964), (112, 125015),

Gene: E3_gp163 Start: 112389, Stop: 113396, Start Num: 21
Candidate Starts for E3_gp163:
(11, 112293), (13, 112314), (21, 112389), (27, 112449), (39, 112647), (48, 112707), (56, 112809), (71, 112980), (74, 113013), (81, 113064), (83, 113082), (87, 113130), (91, 113181), (93, 113193), (94, 113196), (98, 113238), (102, 113268),

Gene: ET08_209 Start: 124069, Stop: 125091, Start Num: 17
Candidate Starts for ET08_209:
(Start: 17 @124069 has 192 MA's), (45, 124387), (47, 124393), (50, 124411), (52, 124432), (54, 124453), (60, 124519), (66, 124633), (78, 124744), (79, 124756), (101, 124954), (102, 124966), (105, 124999), (112, 125080),

Gene: EasyJones_224 Start: 123572, Stop: 124594, Start Num: 17
Candidate Starts for EasyJones_224:
(Start: 17 @123572 has 192 MA's), (45, 123890), (47, 123896), (50, 123914), (52, 123935), (54, 123956), (60, 124022), (66, 124136), (78, 124247), (79, 124259), (101, 124457), (102, 124469), (105, 124502), (109, 124532), (112, 124583),

Gene: EggyFarm_230 Start: 126415, Stop: 127437, Start Num: 17
Candidate Starts for EggyFarm_230:
(Start: 17 @126415 has 192 MA's), (45, 126733), (47, 126739), (50, 126757), (52, 126778), (54, 126799), (60, 126865), (64, 126940), (66, 126979), (78, 127090), (79, 127102), (101, 127300), (102, 127312), (105, 127345), (109, 127375), (112, 127426),

Gene: EmToTheThree_221 Start: 124955, Stop: 125977, Start Num: 17
Candidate Starts for EmToTheThree_221:
(Start: 17 @124955 has 192 MA's), (45, 125273), (47, 125279), (50, 125297), (52, 125318), (54, 125339), (60, 125405), (66, 125519), (78, 125630), (79, 125642), (101, 125840), (102, 125852), (105, 125885), (109, 125915), (112, 125966),

Gene: EmmaElysia_225 Start: 125255, Stop: 126277, Start Num: 17
Candidate Starts for EmmaElysia_225:
(Start: 17 @125255 has 192 MA's), (45, 125573), (47, 125579), (50, 125597), (52, 125618), (54, 125639), (60, 125705), (66, 125819), (78, 125930), (79, 125942), (101, 126140), (102, 126152), (105, 126185), (109, 126215), (112, 126266),

Gene: Erdmann_222 Start: 124923, Stop: 125945, Start Num: 17
Candidate Starts for Erdmann_222:
(Start: 17 @124923 has 192 MA's), (45, 125241), (47, 125247), (50, 125265), (52, 125286), (54, 125307), (60, 125373), (66, 125487), (78, 125598), (79, 125610), (101, 125808), (102, 125820), (105, 125853), (109, 125883), (112, 125934),

Gene: ErnieJ_214 Start: 121751, Stop: 122773, Start Num: 17
Candidate Starts for ErnieJ_214:
(Start: 17 @121751 has 192 MA's), (45, 122069), (47, 122075), (50, 122093), (52, 122114), (54, 122135), (60, 122201), (66, 122315), (78, 122426), (79, 122438), (101, 122636), (102, 122648), (105, 122681), (109, 122711), (112, 122762),

Gene: Essence_218 Start: 123705, Stop: 124727, Start Num: 17
Candidate Starts for Essence_218:
(Start: 17 @123705 has 192 MA's), (45, 124023), (47, 124029), (50, 124047), (52, 124068), (54, 124089), (60, 124155), (66, 124269), (78, 124380), (79, 124392), (101, 124590), (102, 124602), (105, 124635), (109, 124665), (112, 124716),

Gene: Ewok_220 Start: 124829, Stop: 125851, Start Num: 17
Candidate Starts for Ewok_220:
(Start: 17 @124829 has 192 MA's), (45, 125147), (47, 125153), (50, 125171), (52, 125192), (54, 125213), (60, 125279), (66, 125393), (78, 125504), (79, 125516), (101, 125714), (102, 125726), (105, 125759), (109, 125789), (112, 125840),

Gene: Finch_87 Start: 75074, Stop: 76153, Start Num: 18
Candidate Starts for Finch_87:
(Start: 18 @75074 has 3 MA's), (21, 75086), (28, 75155), (30, 75161), (34, 75266), (35, 75281), (38, 75347), (42, 75362), (50, 75428), (51, 75437), (56, 75515), (61, 75536), (68, 75707), (70, 75728), (74, 75764), (75, 75770), (76, 75773), (77, 75779), (78, 75791), (80, 75812), (81, 75815), (82, 75824), (85, 75863), (88, 75884), (94, 75947), (99, 76007),

Gene: Fixie_212 Start: 124485, Stop: 125507, Start Num: 17
Candidate Starts for Fixie_212:
(Start: 17 @124485 has 192 MA's), (45, 124803), (47, 124809), (50, 124827), (52, 124848), (54, 124869), (60, 124935), (66, 125049), (78, 125160), (79, 125172), (101, 125370), (102, 125382), (105, 125415), (109, 125445), (112, 125496),

Gene: Flabslab_216 Start: 121884, Stop: 122906, Start Num: 17
Candidate Starts for Flabslab_216:
(Start: 17 @121884 has 192 MA's), (45, 122202), (47, 122208), (50, 122226), (52, 122247), (54, 122268), (60, 122334), (66, 122448), (78, 122559), (79, 122571), (101, 122769), (102, 122781), (105, 122814), (113, 122898),

Gene: Fludd_221 Start: 123284, Stop: 124306, Start Num: 17
Candidate Starts for Fludd_221:
(Start: 17 @123284 has 192 MA's), (45, 123602), (47, 123608), (50, 123626), (52, 123647), (54, 123668), (60, 123734), (66, 123848), (78, 123959), (79, 123971), (101, 124169), (102, 124181), (105, 124214), (109, 124244), (112, 124295),

Gene: Fongie_222 Start: 124864, Stop: 125886, Start Num: 17
Candidate Starts for Fongie_222:

(Start: 17 @124864 has 192 MA's), (45, 125182), (47, 125188), (50, 125206), (52, 125227), (54, 125248), (60, 125314), (66, 125428), (78, 125539), (79, 125551), (101, 125749), (102, 125761), (105, 125794), (109, 125824), (112, 125875),

Gene: FoxtrotP1_219 Start: 125509, Stop: 126531, Start Num: 17
Candidate Starts for FoxtrotP1_219:
(Start: 17 @125509 has 192 MA's), (45, 125827), (47, 125833), (50, 125851), (52, 125872), (54, 125893), (60, 125959), (66, 126073), (78, 126184), (79, 126196), (101, 126394), (102, 126406), (105, 126439), (109, 126469), (112, 126520),

Gene: FrayBell_224 Start: 123362, Stop: 124384, Start Num: 17
Candidate Starts for FrayBell_224:
(Start: 17 @123362 has 192 MA's), (45, 123680), (47, 123686), (50, 123704), (52, 123725), (54, 123746), (60, 123812), (66, 123926), (78, 124037), (79, 124049), (101, 124247), (102, 124259), (105, 124292), (109, 124322), (112, 124373),

Gene: FudgeTart_216 Start: 123976, Stop: 124998, Start Num: 17
Candidate Starts for FudgeTart_216:
(Start: 17 @123976 has 192 MA's), (45, 124294), (47, 124300), (50, 124318), (52, 124339), (54, 124360), (60, 124426), (66, 124540), (78, 124651), (79, 124663), (101, 124861), (102, 124873), (105, 124906), (109, 124936), (112, 124987),

Gene: Gabriel_224 Start: 123443, Stop: 124465, Start Num: 17
Candidate Starts for Gabriel_224:
(Start: 17 @123443 has 192 MA's), (45, 123761), (47, 123767), (50, 123785), (52, 123806), (54, 123827), (60, 123893), (66, 124007), (78, 124118), (79, 124130), (101, 124328), (102, 124340), (105, 124373), (109, 124403), (112, 124454),

Gene: Gamgam_222 Start: 123800, Stop: 124822, Start Num: 17
Candidate Starts for Gamgam_222:
(Start: 17 @123800 has 192 MA's), (45, 124118), (47, 124124), (50, 124142), (52, 124163), (54, 124184), (60, 124250), (66, 124364), (78, 124475), (79, 124487), (101, 124685), (102, 124697), (105, 124730), (109, 124760), (112, 124811),

Gene: Ghost_221 Start: 123721, Stop: 124743, Start Num: 17
Candidate Starts for Ghost_221:
(Start: 17 @123721 has 192 MA's), (45, 124039), (47, 124045), (50, 124063), (52, 124084), (54, 124105), (60, 124171), (66, 124285), (78, 124396), (79, 124408), (101, 124606), (102, 124618), (105, 124651), (109, 124681), (112, 124732),

Gene: Gizmo_227 Start: 126839, Stop: 127861, Start Num: 17
Candidate Starts for Gizmo_227:
(Start: 17 @126839 has 192 MA's), (45, 127157), (47, 127163), (50, 127181), (52, 127202), (54, 127223), (60, 127289), (66, 127403), (78, 127514), (79, 127526), (101, 127724), (102, 127736), (105, 127769), (109, 127799), (112, 127850),

Gene: GlutenPhree_222 Start: 123811, Stop: 124833, Start Num: 17
Candidate Starts for GlutenPhree_222:
(Start: 17 @123811 has 192 MA's), (45, 124129), (47, 124135), (50, 124153), (52, 124174), (54, 124195), (60, 124261), (66, 124375), (78, 124486), (79, 124498), (101, 124696), (102, 124708), (105, 124741), (109, 124771), (112, 124822),

Gene: GoldenSnow_221 Start: 124478, Stop: 125500, Start Num: 17

Candidate Starts for GoldenSnow_221:
(Start: 17 @124478 has 192 MA's), (45, 124796), (47, 124802), (50, 124820), (52, 124841), (54, 124862), (60, 124928), (66, 125042), (78, 125153), (79, 125165), (101, 125363), (102, 125375), (105, 125408), (109, 125438), (112, 125489),

Gene: Grasshills_229 Start: 126414, Stop: 127436, Start Num: 17
Candidate Starts for Grasshills_229:
(Start: 17 @126414 has 192 MA's), (45, 126732), (47, 126738), (50, 126756), (52, 126777), (54, 126798), (60, 126864), (64, 126939), (66, 126978), (78, 127089), (79, 127101), (101, 127299), (102, 127311), (105, 127344), (109, 127374), (112, 127425),

Gene: Greely_212 Start: 121033, Stop: 122025, Start Num: 26
Candidate Starts for Greely_212:
(1, 120523), (2, 120553), (3, 120751), (10, 120907), (15, 120940), (Start: 19 @120997 has 7 MA's), (24, 121012), (26, 121033), (34, 121183), (42, 121282), (43, 121297), (46, 121324), (53, 121369), (54, 121387), (67, 121567), (75, 121654), (78, 121675), (79, 121687), (84, 121738), (92, 121819), (95, 121840), (99, 121879), (101, 121888), (103, 121915), (105, 121930), (106, 121933), (109, 121960), (110, 121966),

Gene: Grungle_205 Start: 121746, Stop: 122768, Start Num: 17
Candidate Starts for Grungle_205:
(Start: 17 @121746 has 192 MA's), (45, 122064), (47, 122070), (50, 122088), (52, 122109), (54, 122130), (60, 122196), (66, 122310), (78, 122421), (79, 122433), (101, 122631), (102, 122643), (105, 122676), (109, 122706), (112, 122757),

Gene: Guwapp_216 Start: 122555, Stop: 123577, Start Num: 17
Candidate Starts for Guwapp_216:
(Start: 17 @122555 has 192 MA's), (45, 122873), (47, 122879), (50, 122897), (52, 122918), (54, 122939), (60, 123005), (66, 123119), (78, 123230), (79, 123242), (101, 123440), (102, 123452), (105, 123485), (109, 123515), (112, 123566),

Gene: Halldule_214 Start: 122928, Stop: 123950, Start Num: 17
Candidate Starts for Halldule_214:
(Start: 17 @122928 has 192 MA's), (45, 123246), (47, 123252), (50, 123270), (52, 123291), (54, 123312), (60, 123378), (66, 123492), (78, 123603), (79, 123615), (101, 123813), (102, 123825), (105, 123858), (109, 123888), (112, 123939),

Gene: HyRo_209 Start: 123062, Stop: 124084, Start Num: 17
Candidate Starts for HyRo_209:
(Start: 17 @123062 has 192 MA's), (45, 123380), (47, 123386), (50, 123404), (52, 123425), (54, 123446), (60, 123512), (66, 123626), (78, 123737), (79, 123749), (101, 123947), (102, 123959), (105, 123992), (112, 124073),

Gene: I3_231 Start: 125504, Stop: 126526, Start Num: 17
Candidate Starts for I3_231:
(Start: 17 @125504 has 192 MA's), (45, 125822), (47, 125828), (50, 125846), (52, 125867), (54, 125888), (60, 125954), (66, 126068), (78, 126179), (79, 126191), (101, 126389), (102, 126401), (105, 126434), (109, 126464), (112, 126515),

Gene: IkeLoa_213 Start: 123453, Stop: 124475, Start Num: 17
Candidate Starts for IkeLoa_213:
(Start: 17 @123453 has 192 MA's), (45, 123771), (47, 123777), (50, 123795), (52, 123816), (54, 123837), (60, 123903), (66, 124017), (78, 124128), (79, 124140), (101, 124338), (102, 124350), (105,

124383), (109, 124413), (112, 124464),

Gene: InigoMontoya_224 Start: 124474, Stop: 125496, Start Num: 17
Candidate Starts for InigoMontoya_224:
(Start: 17 @124474 has 192 MA's), (45, 124792), (47, 124798), (50, 124816), (52, 124837), (54, 124858), (60, 124924), (66, 125038), (78, 125149), (79, 125161), (101, 125359), (102, 125371), (105, 125404), (109, 125434), (112, 125485),

Gene: InterFolia_224 Start: 125167, Stop: 126189, Start Num: 17
Candidate Starts for InterFolia_224:
(Start: 17 @125167 has 192 MA's), (45, 125485), (47, 125491), (50, 125509), (52, 125530), (54, 125551), (60, 125617), (66, 125731), (78, 125842), (79, 125854), (101, 126052), (102, 126064), (105, 126097), (109, 126127), (112, 126178),

Gene: Iota_216 Start: 124147, Stop: 125169, Start Num: 17
Candidate Starts for Iota_216:
(Start: 17 @124147 has 192 MA's), (45, 124465), (47, 124471), (50, 124489), (52, 124510), (54, 124531), (60, 124597), (66, 124711), (78, 124822), (79, 124834), (101, 125032), (102, 125044), (105, 125077), (109, 125107), (112, 125158),

Gene: Issimir_214 Start: 124112, Stop: 125134, Start Num: 17
Candidate Starts for Issimir_214:
(Start: 17 @124112 has 192 MA's), (45, 124430), (47, 124436), (50, 124454), (52, 124475), (54, 124496), (60, 124562), (66, 124676), (78, 124787), (79, 124799), (101, 124997), (102, 125009), (105, 125042), (109, 125072), (112, 125123),

Gene: Izajani_219 Start: 124969, Stop: 125991, Start Num: 17
Candidate Starts for Izajani_219:
(Start: 17 @124969 has 192 MA's), (45, 125287), (47, 125293), (50, 125311), (52, 125332), (54, 125353), (60, 125419), (66, 125533), (78, 125644), (79, 125656), (101, 125854), (102, 125866), (105, 125899), (109, 125929), (112, 125980),

Gene: JPickles_217 Start: 122459, Stop: 123481, Start Num: 17
Candidate Starts for JPickles_217:
(Start: 17 @122459 has 192 MA's), (45, 122777), (47, 122783), (50, 122801), (52, 122822), (54, 122843), (60, 122909), (66, 123023), (78, 123134), (79, 123146), (101, 123344), (102, 123356), (105, 123389), (109, 123419), (112, 123470),

Gene: Janiyra_224 Start: 124699, Stop: 125721, Start Num: 17
Candidate Starts for Janiyra_224:
(Start: 17 @124699 has 192 MA's), (45, 125017), (47, 125023), (50, 125041), (52, 125062), (54, 125083), (60, 125149), (66, 125263), (78, 125374), (79, 125386), (101, 125584), (102, 125596), (105, 125629), (109, 125659), (112, 125710),

Gene: JayJay_223 Start: 124394, Stop: 125416, Start Num: 17
Candidate Starts for JayJay_223:
(Start: 17 @124394 has 192 MA's), (45, 124712), (47, 124718), (50, 124736), (52, 124757), (54, 124778), (60, 124844), (66, 124958), (78, 125069), (79, 125081), (101, 125279), (102, 125291), (105, 125324), (113, 125408),

Gene: Jaygup_217 Start: 123520, Stop: 124542, Start Num: 17
Candidate Starts for Jaygup_217:

(Start: 17 @123520 has 192 MA's), (45, 123838), (47, 123844), (50, 123862), (52, 123883), (54, 123904), (60, 123970), (66, 124084), (78, 124195), (79, 124207), (101, 124405), (102, 124417), (105, 124450), (109, 124480), (112, 124531),

Gene: JeanGrey_105 Start: 84250, Stop: 85230, Start Num: 22
Candidate Starts for JeanGrey_105:
(Start: 22 @84250 has 1 MA's), (41, 84520), (49, 84571), (65, 84742), (87, 84973), (104, 85132), (108, 85156),

Gene: Jedediah_221 Start: 124573, Stop: 125595, Start Num: 17
Candidate Starts for Jedediah_221:
(Start: 17 @124573 has 192 MA's), (45, 124891), (47, 124897), (50, 124915), (52, 124936), (54, 124957), (60, 125023), (66, 125137), (78, 125248), (79, 125260), (101, 125458), (102, 125470), (105, 125503), (109, 125533), (112, 125584),

Gene: Jemmno_220 Start: 123402, Stop: 124424, Start Num: 17
Candidate Starts for Jemmno_220:
(Start: 17 @123402 has 192 MA's), (45, 123720), (47, 123726), (50, 123744), (52, 123765), (54, 123786), (60, 123852), (66, 123966), (78, 124077), (79, 124089), (101, 124287), (102, 124299), (105, 124332), (109, 124362), (112, 124413),

Gene: Jessibeth14_221 Start: 125581, Stop: 126603, Start Num: 17
Candidate Starts for Jessibeth14_221:
(Start: 17 @125581 has 192 MA's), (45, 125899), (47, 125905), (50, 125923), (52, 125944), (54, 125965), (60, 126031), (66, 126145), (78, 126256), (79, 126268), (101, 126466), (102, 126478), (105, 126511), (109, 126541), (112, 126592),

Gene: Jezreel_218 Start: 124648, Stop: 125670, Start Num: 17
Candidate Starts for Jezreel_218:
(Start: 17 @124648 has 192 MA's), (45, 124966), (47, 124972), (50, 124990), (52, 125011), (54, 125032), (60, 125098), (66, 125212), (78, 125323), (79, 125335), (101, 125533), (102, 125545), (105, 125578), (109, 125608), (112, 125659),

Gene: JigglyPuff_228 Start: 125965, Stop: 126987, Start Num: 17
Candidate Starts for JigglyPuff_228:
(Start: 17 @125965 has 192 MA's), (45, 126283), (47, 126289), (50, 126307), (52, 126328), (54, 126349), (60, 126415), (66, 126529), (78, 126640), (79, 126652), (101, 126850), (102, 126862), (105, 126895), (109, 126925), (112, 126976),

Gene: JulietS_212 Start: 121685, Stop: 122707, Start Num: 17
Candidate Starts for JulietS_212:
(Start: 17 @121685 has 192 MA's), (45, 122003), (47, 122009), (50, 122027), (52, 122048), (54, 122069), (60, 122135), (66, 122249), (78, 122360), (79, 122372), (101, 122570), (102, 122582), (105, 122615), (109, 122645), (112, 122696),

Gene: JustHall_215 Start: 123597, Stop: 124619, Start Num: 17
Candidate Starts for JustHall_215:
(Start: 17 @123597 has 192 MA's), (45, 123915), (47, 123921), (50, 123939), (52, 123960), (54, 123981), (60, 124047), (66, 124161), (78, 124272), (79, 124284), (101, 124482), (102, 124494), (105, 124527), (112, 124608),

Gene: Kamryn_220 Start: 125224, Stop: 126246, Start Num: 17
Candidate Starts for Kamryn_220:

(Start: 17 @125224 has 192 MA's), (45, 125542), (47, 125548), (50, 125566), (52, 125587), (54, 125608), (60, 125674), (66, 125788), (78, 125899), (79, 125911), (101, 126109), (102, 126121), (105, 126154), (109, 126184), (112, 126235),

Gene: Kboogie_225 Start: 124264, Stop: 125286, Start Num: 17
Candidate Starts for Kboogie_225:
(Start: 17 @124264 has 192 MA's), (45, 124582), (47, 124588), (50, 124606), (52, 124627), (54, 124648), (60, 124714), (66, 124828), (78, 124939), (79, 124951), (101, 125149), (102, 125161), (105, 125194), (109, 125224), (112, 125275),

Gene: Khaleesi_220 Start: 125048, Stop: 126070, Start Num: 17
Candidate Starts for Khaleesi_220:
(Start: 17 @125048 has 192 MA's), (45, 125366), (47, 125372), (50, 125390), (52, 125411), (54, 125432), (60, 125498), (66, 125612), (78, 125723), (79, 125735), (101, 125933), (102, 125945), (105, 125978), (109, 126008), (112, 126059),

Gene: Koguma_220 Start: 123905, Stop: 124927, Start Num: 17
Candidate Starts for Koguma_220:
(Start: 17 @123905 has 192 MA's), (45, 124223), (47, 124229), (50, 124247), (52, 124268), (54, 124289), (60, 124355), (66, 124469), (78, 124580), (79, 124592), (101, 124790), (102, 124802), (105, 124835), (109, 124865), (112, 124916),

Gene: LRRHood_214 Start: 123257, Stop: 124279, Start Num: 17
Candidate Starts for LRRHood_214:
(Start: 17 @123257 has 192 MA's), (45, 123575), (47, 123581), (50, 123599), (52, 123620), (54, 123641), (60, 123707), (66, 123821), (78, 123932), (79, 123944), (101, 124142), (102, 124154), (105, 124187), (109, 124217), (112, 124268),

Gene: Labradorite_221 Start: 123011, Stop: 124033, Start Num: 17
Candidate Starts for Labradorite_221:
(Start: 17 @123011 has 192 MA's), (45, 123329), (47, 123335), (50, 123353), (52, 123374), (54, 123395), (60, 123461), (66, 123575), (78, 123686), (79, 123698), (101, 123896), (102, 123908), (105, 123941), (109, 123971), (112, 124022),

Gene: Latch_221 Start: 123810, Stop: 124832, Start Num: 17
Candidate Starts for Latch_221:
(Start: 17 @123810 has 192 MA's), (45, 124128), (47, 124134), (50, 124152), (52, 124173), (54, 124194), (60, 124260), (66, 124374), (78, 124485), (79, 124497), (101, 124695), (102, 124707), (105, 124740), (109, 124770), (112, 124821),

Gene: Lee7_225 Start: 126425, Stop: 127447, Start Num: 17
Candidate Starts for Lee7_225:
(Start: 17 @126425 has 192 MA's), (45, 126743), (47, 126749), (50, 126767), (52, 126788), (54, 126809), (60, 126875), (66, 126989), (78, 127100), (79, 127112), (101, 127310), (102, 127322), (105, 127355), (109, 127385), (112, 127436),

Gene: Lethe_221 Start: 125700, Stop: 126722, Start Num: 17
Candidate Starts for Lethe_221:
(Start: 17 @125700 has 192 MA's), (45, 126018), (47, 126024), (50, 126042), (52, 126063), (54, 126084), (60, 126150), (66, 126264), (78, 126375), (79, 126387), (101, 126585), (102, 126597), (105, 126630), (109, 126660), (112, 126711),

Gene: LifeSavor_220 Start: 124335, Stop: 125357, Start Num: 17

Candidate Starts for LifeSavor_220:
(Start: 17 @124335 has 192 MA's), (45, 124653), (47, 124659), (50, 124677), (52, 124698), (54, 124719), (60, 124785), (66, 124899), (78, 125010), (79, 125022), (101, 125220), (102, 125232), (105, 125265), (109, 125295), (112, 125346),

Gene: LinStu_220 Start: 123541, Stop: 124563, Start Num: 17
Candidate Starts for LinStu_220:
(Start: 17 @123541 has 192 MA's), (45, 123859), (47, 123865), (50, 123883), (52, 123904), (54, 123925), (60, 123991), (66, 124105), (78, 124216), (79, 124228), (101, 124426), (102, 124438), (105, 124471), (109, 124501), (112, 124552),

Gene: Littleton_224 Start: 125047, Stop: 126069, Start Num: 17
Candidate Starts for Littleton_224:
(Start: 17 @125047 has 192 MA's), (45, 125365), (47, 125371), (50, 125389), (52, 125410), (54, 125431), (60, 125497), (66, 125611), (78, 125722), (79, 125734), (101, 125932), (102, 125944), (105, 125977), (109, 126007), (112, 126058),

Gene: Loanshark_218 Start: 124360, Stop: 125382, Start Num: 17
Candidate Starts for Loanshark_218:
(Start: 17 @124360 has 192 MA's), (45, 124678), (47, 124684), (50, 124702), (52, 124723), (54, 124744), (60, 124810), (66, 124924), (78, 125035), (79, 125047), (101, 125245), (102, 125257), (105, 125290), (109, 125320), (112, 125371),

Gene: LolaVinca_219 Start: 124597, Stop: 125619, Start Num: 17
Candidate Starts for LolaVinca_219:
(Start: 17 @124597 has 192 MA's), (45, 124915), (47, 124921), (50, 124939), (52, 124960), (54, 124981), (60, 125047), (66, 125161), (78, 125272), (79, 125284), (101, 125482), (102, 125494), (105, 125527), (109, 125557), (112, 125608),

Gene: LookingGlass_220 Start: 124555, Stop: 125577, Start Num: 17
Candidate Starts for LookingGlass_220:
(Start: 17 @124555 has 192 MA's), (45, 124873), (47, 124879), (50, 124897), (52, 124918), (54, 124939), (60, 125005), (66, 125119), (78, 125230), (79, 125242), (101, 125440), (102, 125452), (105, 125485), (109, 125515), (112, 125566),

Gene: LordLeafolot_222 Start: 124210, Stop: 125232, Start Num: 17
Candidate Starts for LordLeafolot_222:
(Start: 17 @124210 has 192 MA's), (45, 124528), (47, 124534), (50, 124552), (52, 124573), (54, 124594), (60, 124660), (66, 124774), (78, 124885), (79, 124897), (101, 125095), (102, 125107), (105, 125140), (109, 125170), (112, 125221),

Gene: Lukilu_212 Start: 125260, Stop: 126282, Start Num: 17
Candidate Starts for Lukilu_212:
(Start: 17 @125260 has 192 MA's), (45, 125578), (47, 125584), (50, 125602), (52, 125623), (54, 125644), (60, 125710), (66, 125824), (78, 125935), (79, 125947), (101, 126145), (102, 126157), (105, 126190), (109, 126220), (112, 126271),

Gene: Lunareta_219 Start: 124906, Stop: 125928, Start Num: 17
Candidate Starts for Lunareta_219:
(16, 124903), (Start: 17 @124906 has 192 MA's), (45, 125224), (47, 125230), (50, 125248), (52, 125269), (54, 125290), (60, 125356), (66, 125470), (78, 125581), (79, 125593), (101, 125791), (102, 125803), (105, 125836), (112, 125917),

Gene: Maby2021_221 Start: 125501, Stop: 126523, Start Num: 17
Candidate Starts for Maby2021_221:
(Start: 17 @125501 has 192 MA's), (45, 125819), (47, 125825), (50, 125843), (52, 125864), (54, 125885), (60, 125951), (66, 126065), (78, 126176), (79, 126188), (101, 126386), (102, 126398), (105, 126431), (109, 126461), (112, 126512),

Gene: Maguvora_222 Start: 125120, Stop: 126142, Start Num: 17
Candidate Starts for Maguvora_222:
(Start: 17 @125120 has 192 MA's), (45, 125438), (47, 125444), (50, 125462), (52, 125483), (54, 125504), (60, 125570), (66, 125684), (78, 125795), (79, 125807), (101, 126005), (102, 126017), (105, 126050), (109, 126080), (112, 126131),

Gene: Mangeria_222 Start: 125603, Stop: 126625, Start Num: 17
Candidate Starts for Mangeria_222:
(Start: 17 @125603 has 192 MA's), (45, 125921), (47, 125927), (50, 125945), (52, 125966), (54, 125987), (60, 126053), (66, 126167), (78, 126278), (79, 126290), (101, 126488), (102, 126500), (105, 126533), (109, 126563), (112, 126614),

Gene: Matsumoto_219 Start: 124252, Stop: 125274, Start Num: 17
Candidate Starts for Matsumoto_219:
(Start: 17 @124252 has 192 MA's), (45, 124570), (47, 124576), (50, 124594), (52, 124615), (54, 124636), (60, 124702), (66, 124816), (78, 124927), (79, 124939), (101, 125137), (102, 125149), (105, 125182), (109, 125212), (112, 125263),

Gene: Maturis_218 Start: 123762, Stop: 124784, Start Num: 17
Candidate Starts for Maturis_218:
(16, 123759), (Start: 17 @123762 has 192 MA's), (45, 124080), (47, 124086), (50, 124104), (52, 124125), (54, 124146), (60, 124212), (66, 124326), (78, 124437), (79, 124449), (101, 124647), (102, 124659), (105, 124692), (112, 124773),

Gene: McGee_220 Start: 123446, Stop: 124468, Start Num: 17
Candidate Starts for McGee_220:
(Start: 17 @123446 has 192 MA's), (45, 123764), (47, 123770), (50, 123788), (52, 123809), (54, 123830), (60, 123896), (66, 124010), (78, 124121), (79, 124133), (101, 124331), (102, 124343), (105, 124376), (112, 124457),

Gene: McWolfish_218 Start: 124259, Stop: 125281, Start Num: 17
Candidate Starts for McWolfish_218:
(Start: 17 @124259 has 192 MA's), (45, 124577), (47, 124583), (50, 124601), (52, 124622), (54, 124643), (60, 124709), (66, 124823), (78, 124934), (79, 124946), (101, 125144), (102, 125156), (105, 125189), (109, 125219), (112, 125270),

Gene: Megamind_218 Start: 124547, Stop: 125569, Start Num: 17
Candidate Starts for Megamind_218:
(Start: 17 @124547 has 192 MA's), (45, 124865), (47, 124871), (50, 124889), (52, 124910), (54, 124931), (60, 124997), (66, 125111), (78, 125222), (79, 125234), (101, 125432), (102, 125444), (105, 125477), (109, 125507), (112, 125558),

Gene: Melpomini_216 Start: 123344, Stop: 124366, Start Num: 17
Candidate Starts for Melpomini_216:
(Start: 17 @123344 has 192 MA's), (45, 123662), (47, 123668), (50, 123686), (52, 123707), (54, 123728), (60, 123794), (66, 123908), (78, 124019), (79, 124031), (101, 124229), (102, 124241), (105, 124274), (109, 124304), (112, 124355),

Gene: MikeLiesIn_223 Start: 125683, Stop: 126705, Start Num: 17
Candidate Starts for MikeLiesIn_223:
(Start: 17 @125683 has 192 MA's), (45, 126001), (47, 126007), (50, 126025), (52, 126046), (54, 126067), (60, 126133), (66, 126247), (78, 126358), (79, 126370), (101, 126568), (102, 126580), (105, 126613), (109, 126643), (112, 126694),

Gene: Mikro_217 Start: 126232, Stop: 127254, Start Num: 17
Candidate Starts for Mikro_217:
(Start: 17 @126232 has 192 MA's), (45, 126550), (47, 126556), (50, 126574), (52, 126595), (54, 126616), (60, 126682), (66, 126796), (78, 126907), (79, 126919), (101, 127117), (102, 127129), (105, 127162), (109, 127192), (112, 127243),

Gene: MoMoMixon_219 Start: 124725, Stop: 125747, Start Num: 17
Candidate Starts for MoMoMixon_219:
(Start: 17 @124725 has 192 MA's), (45, 125043), (47, 125049), (50, 125067), (52, 125088), (54, 125109), (60, 125175), (66, 125289), (78, 125400), (79, 125412), (101, 125610), (102, 125622), (105, 125655), (109, 125685), (112, 125736),

Gene: Moby_217 Start: 122707, Stop: 123729, Start Num: 17
Candidate Starts for Moby_217:
(Start: 17 @122707 has 192 MA's), (45, 123025), (47, 123031), (50, 123049), (52, 123070), (54, 123091), (60, 123157), (66, 123271), (78, 123382), (79, 123394), (101, 123592), (102, 123604), (105, 123637), (112, 123718),

Gene: Moiqah_216 Start: 122684, Stop: 123706, Start Num: 17
Candidate Starts for Moiqah_216:
(Start: 17 @122684 has 192 MA's), (45, 123002), (47, 123008), (50, 123026), (52, 123047), (54, 123068), (60, 123134), (66, 123248), (78, 123359), (79, 123371), (101, 123569), (102, 123581), (105, 123614), (112, 123695),

Gene: Momo_222 Start: 123810, Stop: 124832, Start Num: 17
Candidate Starts for Momo_222:
(Start: 17 @123810 has 192 MA's), (45, 124128), (47, 124134), (50, 124152), (52, 124173), (54, 124194), (60, 124260), (66, 124374), (78, 124485), (79, 124497), (101, 124695), (102, 124707), (105, 124740), (109, 124770), (112, 124821),

Gene: Montpel_219 Start: 124904, Stop: 125926, Start Num: 17
Candidate Starts for Montpel_219:
(16, 124901), (Start: 17 @124904 has 192 MA's), (45, 125222), (47, 125228), (50, 125246), (52, 125267), (54, 125288), (60, 125354), (66, 125468), (78, 125579), (79, 125591), (101, 125789), (102, 125801), (105, 125834), (112, 125915),

Gene: Morizzled23_218 Start: 123177, Stop: 124199, Start Num: 17
Candidate Starts for Morizzled23_218:
(Start: 17 @123177 has 192 MA's), (45, 123495), (47, 123501), (50, 123519), (52, 123540), (54, 123561), (60, 123627), (66, 123741), (78, 123852), (79, 123864), (101, 124062), (102, 124074), (105, 124107), (109, 124137), (112, 124188),

Gene: Myrna_205 Start: 120373, Stop: 121401, Start Num: 19
Candidate Starts for Myrna_205:
(Start: 19 @120373 has 7 MA's), (24, 120388), (26, 120409), (42, 120658), (44, 120676), (46, 120700), (53, 120745), (54, 120763), (67, 120943), (78, 121051), (79, 121063), (80, 121072), (84, 121114), (91,

121192), (92, 121195), (93, 121204), (99, 121255), (101, 121264), (103, 121291), (105, 121306), (106, 121309), (109, 121336), (110, 121342), (111, 121357),

Gene: Naija_222 Start: 124513, Stop: 125535, Start Num: 17
Candidate Starts for Naija_222:
(Start: 17 @124513 has 192 MA's), (45, 124831), (47, 124837), (50, 124855), (52, 124876), (54, 124897), (60, 124963), (66, 125077), (78, 125188), (79, 125200), (101, 125398), (102, 125410), (105, 125443), (109, 125473), (112, 125524),

Gene: Napoleon13_218 Start: 123541, Stop: 124563, Start Num: 17
Candidate Starts for Napoleon13_218:
(Start: 17 @123541 has 192 MA's), (45, 123859), (47, 123865), (50, 123883), (52, 123904), (54, 123925), (60, 123991), (66, 124105), (78, 124216), (79, 124228), (101, 124426), (102, 124438), (105, 124471), (109, 124501), (112, 124552),

Gene: Nappy_222 Start: 125202, Stop: 126224, Start Num: 17
Candidate Starts for Nappy_222:
(Start: 17 @125202 has 192 MA's), (45, 125520), (47, 125526), (50, 125544), (52, 125565), (54, 125586), (60, 125652), (66, 125766), (78, 125877), (79, 125889), (101, 126087), (102, 126099), (105, 126132), (109, 126162), (112, 126213),

Gene: Naval22_228 Start: 126290, Stop: 127312, Start Num: 17
Candidate Starts for Naval22_228:
(Start: 17 @126290 has 192 MA's), (45, 126608), (47, 126614), (50, 126632), (52, 126653), (54, 126674), (60, 126740), (66, 126854), (78, 126965), (79, 126977), (101, 127175), (102, 127187), (105, 127220), (109, 127250), (112, 127301),

Gene: NedWong_220 Start: 124934, Stop: 125956, Start Num: 17
Candidate Starts for NedWong_220:
(Start: 17 @124934 has 192 MA's), (45, 125252), (47, 125258), (50, 125276), (52, 125297), (54, 125318), (60, 125384), (66, 125498), (78, 125609), (79, 125621), (101, 125819), (102, 125831), (105, 125864), (109, 125894), (112, 125945),

Gene: Ngannou_218 Start: 122792, Stop: 123814, Start Num: 17
Candidate Starts for Ngannou_218:
(Start: 17 @122792 has 192 MA's), (45, 123110), (47, 123116), (50, 123134), (52, 123155), (54, 123176), (60, 123242), (66, 123356), (78, 123467), (79, 123479), (101, 123677), (102, 123689), (105, 123722), (109, 123752), (112, 123803),

Gene: Nidhogg_222 Start: 125339, Stop: 126361, Start Num: 17
Candidate Starts for Nidhogg_222:
(Start: 17 @125339 has 192 MA's), (45, 125657), (47, 125663), (50, 125681), (52, 125702), (54, 125723), (60, 125789), (66, 125903), (78, 126014), (79, 126026), (101, 126224), (102, 126236), (105, 126269), (109, 126299), (112, 126350),

Gene: NoodleTree_227 Start: 125234, Stop: 126256, Start Num: 17
Candidate Starts for NoodleTree_227:
(Start: 17 @125234 has 192 MA's), (45, 125552), (47, 125558), (50, 125576), (52, 125597), (54, 125618), (60, 125684), (66, 125798), (78, 125909), (79, 125921), (101, 126119), (102, 126131), (105, 126164), (109, 126194), (112, 126245),

Gene: Norm_221 Start: 125239, Stop: 126261, Start Num: 17
Candidate Starts for Norm_221:

(Start: 17 @125239 has 192 MA's), (45, 125557), (47, 125563), (50, 125581), (52, 125602), (54, 125623), (60, 125689), (66, 125803), (78, 125914), (79, 125926), (101, 126124), (102, 126136), (105, 126169), (109, 126199), (112, 126250),

Gene: NuevoMundo_224 Start: 125795, Stop: 126817, Start Num: 17
Candidate Starts for NuevoMundo_224:
(Start: 17 @125795 has 192 MA's), (45, 126113), (47, 126119), (50, 126137), (52, 126158), (54, 126179), (60, 126245), (66, 126359), (78, 126470), (79, 126482), (101, 126680), (102, 126692), (105, 126725), (109, 126755), (112, 126806),

Gene: OrediggerDelux_222 Start: 125466, Stop: 126488, Start Num: 17
Candidate Starts for OrediggerDelux_222:
(Start: 17 @125466 has 192 MA's), (45, 125784), (47, 125790), (50, 125808), (52, 125829), (54, 125850), (60, 125916), (66, 126030), (78, 126141), (79, 126153), (101, 126351), (102, 126363), (105, 126396), (109, 126426), (112, 126477),

Gene: ParkTD_220 Start: 124810, Stop: 125832, Start Num: 17
Candidate Starts for ParkTD_220:
(Start: 17 @124810 has 192 MA's), (45, 125128), (47, 125134), (50, 125152), (52, 125173), (54, 125194), (60, 125260), (66, 125374), (78, 125485), (79, 125497), (101, 125695), (102, 125707), (105, 125740), (109, 125770), (112, 125821),

Gene: Patter_222 Start: 123824, Stop: 124846, Start Num: 17
Candidate Starts for Patter_222:
(Start: 17 @123824 has 192 MA's), (45, 124142), (47, 124148), (50, 124166), (52, 124187), (54, 124208), (60, 124274), (66, 124388), (78, 124499), (79, 124511), (101, 124709), (102, 124721), (105, 124754), (109, 124784), (112, 124835),

Gene: Phabba_216 Start: 120348, Stop: 121376, Start Num: 19
Candidate Starts for Phabba_216:
(1, 119874), (2, 119904), (10, 120258), (15, 120291), (Start: 19 @120348 has 7 MA's), (24, 120363), (26, 120384), (42, 120633), (43, 120648), (46, 120675), (53, 120720), (54, 120738), (67, 120918), (75, 121005), (78, 121026), (79, 121038), (84, 121089), (92, 121170), (95, 121191), (99, 121230), (101, 121239), (103, 121266), (105, 121281), (106, 121284), (109, 121311), (110, 121317),

Gene: PharkleMinkus_221 Start: 123361, Stop: 124383, Start Num: 17
Candidate Starts for PharkleMinkus_221:
(Start: 17 @123361 has 192 MA's), (45, 123679), (47, 123685), (50, 123703), (52, 123724), (54, 123745), (60, 123811), (66, 123925), (78, 124036), (79, 124048), (101, 124246), (102, 124258), (105, 124291), (109, 124321), (112, 124372),

Gene: Phlegm_225 Start: 124513, Stop: 125535, Start Num: 17
Candidate Starts for Phlegm_225:
(Start: 17 @124513 has 192 MA's), (45, 124831), (47, 124837), (50, 124855), (52, 124876), (54, 124897), (60, 124963), (66, 125077), (78, 125188), (79, 125200), (101, 125398), (102, 125410), (105, 125443), (109, 125473), (112, 125524),

Gene: Phox_222 Start: 124463, Stop: 125485, Start Num: 17
Candidate Starts for Phox_222:
(Start: 17 @124463 has 192 MA's), (45, 124781), (47, 124787), (50, 124805), (52, 124826), (54, 124847), (60, 124913), (66, 125027), (78, 125138), (79, 125150), (101, 125348), (102, 125360), (105, 125393), (109, 125423), (112, 125474),

Gene: Phrappuccino_134 Start: 97060, Stop: 98058, Start Num: 20
Candidate Starts for Phrappuccino_134:
(Start: 20 @97060 has 2 MA's), (33, 97207), (40, 97318), (47, 97372), (50, 97390), (51, 97399), (52, 97411), (54, 97432), (55, 97444), (59, 97495), (62, 97519), (64, 97561), (65, 97567), (69, 97642), (77, 97699), (78, 97711), (86, 97789), (89, 97816), (90, 97846), (91, 97852), (93, 97864), (94, 97867), (102, 97933), (107, 97969), (110, 97999),

Gene: Phusco_219 Start: 123345, Stop: 124367, Start Num: 17
Candidate Starts for Phusco_219:
(Start: 17 @123345 has 192 MA's), (45, 123663), (47, 123669), (50, 123687), (52, 123708), (54, 123729), (60, 123795), (66, 123909), (78, 124020), (79, 124032), (101, 124230), (102, 124242), (105, 124275), (109, 124305), (112, 124356),

Gene: Pier_222 Start: 125340, Stop: 126362, Start Num: 17
Candidate Starts for Pier_222:
(Start: 17 @125340 has 192 MA's), (45, 125658), (47, 125664), (50, 125682), (52, 125703), (54, 125724), (60, 125790), (66, 125904), (78, 126015), (79, 126027), (101, 126225), (102, 126237), (105, 126270), (109, 126300), (112, 126351),

Gene: Pinkcreek_205 Start: 122716, Stop: 123738, Start Num: 17
Candidate Starts for Pinkcreek_205:
(Start: 17 @122716 has 192 MA's), (45, 123034), (47, 123040), (50, 123058), (52, 123079), (54, 123100), (60, 123166), (66, 123280), (78, 123391), (79, 123403), (101, 123601), (102, 123613), (105, 123646), (112, 123727),

Gene: Pio_229 Start: 126544, Stop: 127566, Start Num: 17
Candidate Starts for Pio_229:
(Start: 17 @126544 has 192 MA's), (45, 126862), (47, 126868), (50, 126886), (52, 126907), (54, 126928), (60, 126994), (66, 127108), (78, 127219), (79, 127231), (101, 127429), (102, 127441), (105, 127474), (109, 127504), (112, 127555),

Gene: Pivoine_222 Start: 124513, Stop: 125535, Start Num: 17
Candidate Starts for Pivoine_222:
(Start: 17 @124513 has 192 MA's), (45, 124831), (47, 124837), (50, 124855), (52, 124876), (54, 124897), (60, 124963), (66, 125077), (78, 125188), (79, 125200), (101, 125398), (102, 125410), (105, 125443), (109, 125473), (112, 125524),

Gene: Pleione_225 Start: 125276, Stop: 126298, Start Num: 17
Candidate Starts for Pleione_225:
(Start: 17 @125276 has 192 MA's), (45, 125594), (47, 125600), (50, 125618), (52, 125639), (54, 125660), (60, 125726), (66, 125840), (78, 125951), (79, 125963), (101, 126161), (102, 126173), (105, 126206), (109, 126236), (112, 126287),

Gene: Primadonna_216 Start: 124174, Stop: 125196, Start Num: 17
Candidate Starts for Primadonna_216:
(Start: 17 @124174 has 192 MA's), (45, 124492), (47, 124498), (50, 124516), (52, 124537), (54, 124558), (60, 124624), (66, 124738), (78, 124849), (79, 124861), (101, 125059), (102, 125071), (105, 125104), (109, 125134), (112, 125185),

Gene: Puhon_223 Start: 125062, Stop: 126084, Start Num: 17
Candidate Starts for Puhon_223:
(Start: 17 @125062 has 192 MA's), (45, 125380), (47, 125386), (50, 125404), (52, 125425), (54, 125446), (60, 125512), (66, 125626), (78, 125737), (79, 125749), (101, 125947), (102, 125959), (105,

125992), (109, 126022), (112, 126073),

Gene: Pupper_163 Start: 116056, Stop: 117066, Start Num: 19
Candidate Starts for Pupper_163:
(7, 115921), (Start: 19 @116056 has 7 MA's), (34, 116233), (36, 116296), (44, 116353), (53, 116422), (60, 116506), (64, 116566), (65, 116572), (78, 116716), (81, 116740), (84, 116779), (91, 116857), (92, 116860), (96, 116887), (98, 116908), (99, 116917), (109, 116998),

Gene: Pupusa_225 Start: 125840, Stop: 126862, Start Num: 17
Candidate Starts for Pupusa_225:
(Start: 17 @125840 has 192 MA's), (45, 126158), (47, 126164), (50, 126182), (52, 126203), (54, 126224), (60, 126290), (66, 126404), (78, 126515), (79, 126527), (101, 126725), (102, 126737), (105, 126770), (109, 126800), (112, 126851),

Gene: PurduePete_221 Start: 125504, Stop: 126526, Start Num: 17
Candidate Starts for PurduePete_221:
(Start: 17 @125504 has 192 MA's), (45, 125822), (47, 125828), (50, 125846), (52, 125867), (54, 125888), (60, 125954), (66, 126068), (78, 126179), (79, 126191), (101, 126389), (102, 126401), (105, 126434), (109, 126464), (112, 126515),

Gene: QBert_213 Start: 122864, Stop: 123886, Start Num: 17
Candidate Starts for QBert_213:
(Start: 17 @122864 has 192 MA's), (45, 123182), (47, 123188), (50, 123206), (52, 123227), (54, 123248), (60, 123314), (66, 123428), (78, 123539), (79, 123551), (101, 123749), (102, 123761), (105, 123794), (109, 123824), (112, 123875),

Gene: Quasimodo_223 Start: 124146, Stop: 125168, Start Num: 17
Candidate Starts for Quasimodo_223:
(Start: 17 @124146 has 192 MA's), (45, 124464), (47, 124470), (50, 124488), (52, 124509), (54, 124530), (60, 124596), (66, 124710), (78, 124821), (79, 124833), (101, 125031), (102, 125043), (105, 125076), (109, 125106), (112, 125157),

Gene: Rabinovish_214 Start: 124412, Stop: 125434, Start Num: 17
Candidate Starts for Rabinovish_214:
(Start: 17 @124412 has 192 MA's), (45, 124730), (47, 124736), (50, 124754), (52, 124775), (54, 124796), (60, 124862), (66, 124976), (78, 125087), (79, 125099), (101, 125297), (102, 125309), (105, 125342), (112, 125423),

Gene: Rahel_222 Start: 124248, Stop: 125270, Start Num: 17
Candidate Starts for Rahel_222:
(Start: 17 @124248 has 192 MA's), (45, 124566), (47, 124572), (50, 124590), (52, 124611), (54, 124632), (60, 124698), (66, 124812), (78, 124923), (79, 124935), (101, 125133), (102, 125145), (105, 125178), (109, 125208), (112, 125259),

Gene: RedWattleHog_88 Start: 80455, Stop: 81591, Start Num: 18
Candidate Starts for RedWattleHog_88:
(4, 80263), (12, 80383), (Start: 18 @80455 has 3 MA's), (21, 80467), (23, 80473), (27, 80527), (30, 80542), (31, 80572), (32, 80614), (48, 80800), (56, 80902), (57, 80905), (61, 80926), (63, 81055), (69, 81160), (70, 81166), (72, 81172), (73, 81193), (78, 81229), (82, 81262), (86, 81307), (94, 81385), (97, 81430), (99, 81445), (100, 81448),

Gene: Rizal_213 Start: 122766, Stop: 123788, Start Num: 17
Candidate Starts for Rizal_213:

(Start: 17 @122766 has 192 MA's), (45, 123084), (47, 123090), (50, 123108), (52, 123129), (54, 123150), (60, 123216), (66, 123330), (78, 123441), (79, 123453), (101, 123651), (102, 123663), (105, 123696), (109, 123726), (112, 123777),

Gene: RoMag_216 Start: 124547, Stop: 125569, Start Num: 17
Candidate Starts for RoMag_216:
(Start: 17 @124547 has 192 MA's), (45, 124865), (47, 124871), (50, 124889), (52, 124910), (54, 124931), (60, 124997), (66, 125111), (78, 125222), (79, 125234), (101, 125432), (102, 125444), (105, 125477), (109, 125507), (112, 125558),

Gene: Rocha_218 Start: 123990, Stop: 125012, Start Num: 17
Candidate Starts for Rocha_218:
(Start: 17 @123990 has 192 MA's), (45, 124308), (47, 124314), (50, 124332), (52, 124353), (54, 124374), (60, 124440), (66, 124554), (78, 124665), (79, 124677), (101, 124875), (102, 124887), (105, 124920), (109, 124950), (112, 125001),

Gene: Ronan_217 Start: 122936, Stop: 123958, Start Num: 17
Candidate Starts for Ronan_217:
(Start: 17 @122936 has 192 MA's), (45, 123254), (47, 123260), (50, 123278), (52, 123299), (54, 123320), (60, 123386), (66, 123500), (78, 123611), (79, 123623), (101, 123821), (102, 123833), (105, 123866), (109, 123896), (112, 123947),

Gene: Roots515_223 Start: 126055, Stop: 127077, Start Num: 17
Candidate Starts for Roots515_223:
(Start: 17 @126055 has 192 MA's), (45, 126373), (47, 126379), (50, 126397), (52, 126418), (54, 126439), (60, 126505), (66, 126619), (78, 126730), (79, 126742), (101, 126940), (102, 126952), (105, 126985), (109, 127015), (112, 127066),

Gene: SCentae_162 Start: 116210, Stop: 117220, Start Num: 19
Candidate Starts for SCentae_162:
(7, 116075), (Start: 19 @116210 has 7 MA's), (34, 116387), (36, 116450), (44, 116507), (53, 116576), (60, 116660), (64, 116720), (65, 116726), (78, 116870), (81, 116894), (84, 116933), (91, 117011), (92, 117014), (96, 117041), (98, 117062), (99, 117071), (109, 117152),

Gene: SVoro_217 Start: 124849, Stop: 125871, Start Num: 17
Candidate Starts for SVoro_217:
(Start: 17 @124849 has 192 MA's), (45, 125167), (47, 125173), (50, 125191), (52, 125212), (54, 125233), (60, 125299), (66, 125413), (78, 125524), (79, 125536), (101, 125734), (102, 125746), (105, 125779), (109, 125809), (112, 125860),

Gene: Salacia_221 Start: 124651, Stop: 125673, Start Num: 17
Candidate Starts for Salacia_221:
(Start: 17 @124651 has 192 MA's), (45, 124969), (47, 124975), (50, 124993), (52, 125014), (54, 125035), (60, 125101), (66, 125215), (78, 125326), (79, 125338), (101, 125536), (102, 125548), (105, 125581), (109, 125611), (112, 125662),

Gene: Sauce_217 Start: 123462, Stop: 124484, Start Num: 17
Candidate Starts for Sauce_217:
(Start: 17 @123462 has 192 MA's), (45, 123780), (47, 123786), (50, 123804), (52, 123825), (54, 123846), (60, 123912), (66, 124026), (78, 124137), (79, 124149), (101, 124347), (102, 124359), (105, 124392), (109, 124422), (112, 124473),

Gene: ScoobyDoobyDoo_205 Start: 118722, Stop: 119750, Start Num: 19

Candidate Starts for ScoobyDoobyDoo_205:
(Start: 19 @118722 has 7 MA's), (29, 118797), (37, 118989), (44, 119025), (50, 119070), (53, 119094), (54, 119112), (58, 119172), (66, 119289), (67, 119292), (78, 119400), (79, 119412), (84, 119463), (91, 119541), (93, 119553), (95, 119565), (103, 119640), (105, 119655), (106, 119658), (109, 119685), (110, 119691),

Gene: ScottMcG_215 Start: 123544, Stop: 124566, Start Num: 17
Candidate Starts for ScottMcG_215:
(Start: 17 @123544 has 192 MA's), (45, 123862), (47, 123868), (50, 123886), (52, 123907), (54, 123928), (60, 123994), (66, 124108), (78, 124219), (79, 124231), (101, 124429), (102, 124441), (105, 124474), (109, 124504), (112, 124555),

Gene: Sebata_222 Start: 124972, Stop: 125994, Start Num: 17
Candidate Starts for Sebata_222:
(Start: 17 @124972 has 192 MA's), (45, 125290), (47, 125296), (50, 125314), (52, 125335), (54, 125356), (60, 125422), (66, 125536), (78, 125647), (79, 125659), (101, 125857), (102, 125869), (105, 125902), (113, 125986),

Gene: Settecandela_134 Start: 97060, Stop: 98058, Start Num: 20
Candidate Starts for Settecandela_134:
(Start: 20 @97060 has 2 MA's), (33, 97207), (40, 97318), (47, 97372), (50, 97390), (51, 97399), (52, 97411), (54, 97432), (55, 97444), (59, 97495), (62, 97519), (64, 97561), (65, 97567), (69, 97642), (77, 97699), (78, 97711), (86, 97789), (89, 97816), (90, 97846), (91, 97852), (93, 97864), (94, 97867), (102, 97933), (107, 97969), (110, 97999),

Gene: Shaqnato_212 Start: 123673, Stop: 124695, Start Num: 17
Candidate Starts for Shaqnato_212:
(Start: 17 @123673 has 192 MA's), (45, 123991), (47, 123997), (50, 124015), (52, 124036), (54, 124057), (60, 124123), (66, 124237), (78, 124348), (79, 124360), (101, 124558), (102, 124570), (105, 124603), (109, 124633), (112, 124684),

Gene: Shelob_222 Start: 126410, Stop: 127432, Start Num: 17
Candidate Starts for Shelob_222:
(Start: 17 @126410 has 192 MA's), (45, 126728), (47, 126734), (50, 126752), (52, 126773), (54, 126794), (60, 126860), (66, 126974), (78, 127085), (79, 127097), (101, 127295), (102, 127307), (105, 127340), (109, 127370), (112, 127421),

Gene: ShiaLabeouf_218 Start: 123456, Stop: 124478, Start Num: 17
Candidate Starts for ShiaLabeouf_218:
(Start: 17 @123456 has 192 MA's), (45, 123774), (47, 123780), (50, 123798), (52, 123819), (54, 123840), (60, 123906), (66, 124020), (78, 124131), (79, 124143), (101, 124341), (102, 124353), (105, 124386), (109, 124416), (112, 124467),

Gene: Shifa_198 Start: 123031, Stop: 124053, Start Num: 17
Candidate Starts for Shifa_198:
(Start: 17 @123031 has 192 MA's), (45, 123349), (47, 123355), (50, 123373), (52, 123394), (54, 123415), (60, 123481), (66, 123595), (78, 123706), (79, 123718), (101, 123916), (102, 123928), (105, 123961), (112, 124042),

Gene: Shnickers_219 Start: 123520, Stop: 124542, Start Num: 17
Candidate Starts for Shnickers_219:
(Start: 17 @123520 has 192 MA's), (45, 123838), (47, 123844), (50, 123862), (52, 123883), (54, 123904), (60, 123970), (66, 124084), (78, 124195), (79, 124207), (101, 124405), (102, 124417), (105,

124450), (109, 124480), (112, 124531),

Gene: Shrimp_223 Start: 125577, Stop: 126599, Start Num: 17
Candidate Starts for Shrimp_223:
(Start: 17 @125577 has 192 MA's), (45, 125895), (47, 125901), (50, 125919), (52, 125940), (54, 125961), (60, 126027), (66, 126141), (78, 126252), (79, 126264), (101, 126462), (102, 126474), (105, 126507), (109, 126537), (112, 126588),

Gene: SilverDipper_225 Start: 125069, Stop: 126091, Start Num: 17
Candidate Starts for SilverDipper_225:
(Start: 17 @125069 has 192 MA's), (45, 125387), (47, 125393), (50, 125411), (52, 125432), (54, 125453), (60, 125519), (66, 125633), (78, 125744), (79, 125756), (101, 125954), (102, 125966), (105, 125999), (109, 126029), (112, 126080),

Gene: SiwenD96_223 Start: 125915, Stop: 126937, Start Num: 17
Candidate Starts for SiwenD96_223:
(Start: 17 @125915 has 192 MA's), (45, 126233), (47, 126239), (50, 126257), (52, 126278), (54, 126299), (60, 126365), (66, 126479), (78, 126590), (79, 126602), (101, 126800), (102, 126812), (105, 126845), (109, 126875), (112, 126926),

Gene: Skog_223 Start: 145683, Stop: 146690, Start Num: 19
Candidate Starts for Skog_223:
(5, 145527), (6, 145530), (8, 145551), (9, 145578), (14, 145617), (Start: 19 @145683 has 7 MA's), (25, 145710), (34, 145860), (50, 146022), (53, 146046), (58, 146124), (59, 146127), (60, 146130), (65, 146196), (66, 146229), (78, 146340), (84, 146403), (86, 146418), (91, 146481), (92, 146484), (95, 146505), (98, 146532), (107, 146598), (109, 146622), (113, 146676),

Gene: SmallFry_221 Start: 123614, Stop: 124636, Start Num: 17
Candidate Starts for SmallFry_221:
(Start: 17 @123614 has 192 MA's), (45, 123932), (47, 123938), (50, 123956), (52, 123977), (54, 123998), (60, 124064), (66, 124178), (78, 124289), (79, 124301), (101, 124499), (102, 124511), (105, 124544), (109, 124574), (112, 124625),

Gene: SoilZilla_216 Start: 124157, Stop: 125179, Start Num: 17
Candidate Starts for SoilZilla_216:
(Start: 17 @124157 has 192 MA's), (45, 124475), (47, 124481), (50, 124499), (52, 124520), (54, 124541), (60, 124607), (66, 124721), (78, 124832), (79, 124844), (101, 125042), (102, 125054), (105, 125087), (109, 125117), (112, 125168),

Gene: Spec_215 Start: 123793, Stop: 124815, Start Num: 17
Candidate Starts for Spec_215:
(Start: 17 @123793 has 192 MA's), (45, 124111), (47, 124117), (50, 124135), (52, 124156), (54, 124177), (60, 124243), (66, 124357), (78, 124468), (79, 124480), (101, 124678), (102, 124690), (105, 124723), (109, 124753), (112, 124804),

Gene: Specks_225 Start: 124918, Stop: 125940, Start Num: 17
Candidate Starts for Specks_225:
(Start: 17 @124918 has 192 MA's), (45, 125236), (47, 125242), (50, 125260), (52, 125281), (54, 125302), (60, 125368), (66, 125482), (78, 125593), (79, 125605), (101, 125803), (102, 125815), (105, 125848), (109, 125878), (112, 125929),

Gene: Sprinklers_219 Start: 124163, Stop: 125185, Start Num: 17
Candidate Starts for Sprinklers_219:

(Start: 17 @124163 has 192 MA's), (45, 124481), (47, 124487), (50, 124505), (52, 124526), (54, 124547), (60, 124613), (66, 124727), (78, 124838), (79, 124850), (101, 125048), (102, 125060), (105, 125093), (109, 125123), (112, 125174),

Gene: Spud_215 Start: 123884, Stop: 124906, Start Num: 17
Candidate Starts for Spud_215:
(Start: 17 @123884 has 192 MA's), (45, 124202), (47, 124208), (50, 124226), (52, 124247), (54, 124268), (60, 124334), (66, 124448), (78, 124559), (79, 124571), (101, 124769), (102, 124781), (105, 124814), (109, 124844), (112, 124895),

Gene: SrishMeg2525_218 Start: 125036, Stop: 126058, Start Num: 17
Candidate Starts for SrishMeg2525_218:
(Start: 17 @125036 has 192 MA's), (45, 125354), (47, 125360), (50, 125378), (52, 125399), (54, 125420), (60, 125486), (66, 125600), (78, 125711), (79, 125723), (101, 125921), (102, 125933), (105, 125966), (109, 125996), (112, 126047),

Gene: StephanieG_217 Start: 125070, Stop: 126092, Start Num: 17
Candidate Starts for StephanieG_217:
(Start: 17 @125070 has 192 MA's), (45, 125388), (47, 125394), (50, 125412), (52, 125433), (54, 125454), (60, 125520), (66, 125634), (78, 125745), (79, 125757), (101, 125955), (102, 125967), (105, 126000), (109, 126030), (112, 126081),

Gene: Stormageddon_85 Start: 80436, Stop: 81572, Start Num: 18
Candidate Starts for Stormageddon_85:
(4, 80244), (12, 80364), (Start: 18 @80436 has 3 MA's), (21, 80448), (23, 80454), (27, 80508), (30, 80523), (31, 80553), (32, 80595), (48, 80781), (56, 80883), (57, 80886), (61, 80907), (63, 81036), (69, 81141), (70, 81147), (72, 81153), (73, 81174), (78, 81210), (82, 81243), (86, 81288), (94, 81366), (97, 81411), (99, 81426), (100, 81429),

Gene: Stubby_205 Start: 122922, Stop: 123944, Start Num: 17
Candidate Starts for Stubby_205:
(Start: 17 @122922 has 192 MA's), (45, 123240), (47, 123246), (50, 123264), (52, 123285), (54, 123306), (60, 123372), (66, 123486), (78, 123597), (79, 123609), (101, 123807), (102, 123819), (105, 123852), (112, 123933),

Gene: StubbySaigey_226 Start: 124603, Stop: 125625, Start Num: 17
Candidate Starts for StubbySaigey_226:
(Start: 17 @124603 has 192 MA's), (45, 124921), (47, 124927), (50, 124945), (52, 124966), (54, 124987), (60, 125053), (66, 125167), (78, 125278), (79, 125290), (101, 125488), (102, 125500), (105, 125533), (109, 125563), (112, 125614),

Gene: Substance289_218 Start: 123662, Stop: 124684, Start Num: 17
Candidate Starts for Substance289_218:
(Start: 17 @123662 has 192 MA's), (45, 123980), (47, 123986), (50, 124004), (52, 124025), (54, 124046), (60, 124112), (66, 124226), (78, 124337), (79, 124349), (101, 124547), (102, 124559), (105, 124592), (109, 124622), (112, 124673),

Gene: Tainan_222 Start: 123937, Stop: 124959, Start Num: 17
Candidate Starts for Tainan_222:
(Start: 17 @123937 has 192 MA's), (45, 124255), (47, 124261), (50, 124279), (52, 124300), (54, 124321), (60, 124387), (66, 124501), (78, 124612), (79, 124624), (101, 124822), (102, 124834), (105, 124867), (109, 124897), (112, 124948),

Gene: Teardrop_218 Start: 123116, Stop: 124138, Start Num: 17
Candidate Starts for Teardrop_218:
(Start: 17 @123116 has 192 MA's), (45, 123434), (47, 123440), (50, 123458), (52, 123479), (54, 123500), (60, 123566), (66, 123680), (78, 123791), (79, 123803), (101, 124001), (102, 124013), (105, 124046), (109, 124076), (112, 124127),

Gene: TinyTim_219 Start: 123897, Stop: 124919, Start Num: 17
Candidate Starts for TinyTim_219:
(Start: 17 @123897 has 192 MA's), (45, 124215), (47, 124221), (50, 124239), (52, 124260), (54, 124281), (60, 124347), (66, 124461), (78, 124572), (79, 124584), (101, 124782), (102, 124794), (105, 124827), (109, 124857), (112, 124908),

Gene: Tonenili_243 Start: 129718, Stop: 130740, Start Num: 17
Candidate Starts for Tonenili_243:
(Start: 17 @129718 has 192 MA's), (45, 130036), (47, 130042), (50, 130060), (52, 130081), (54, 130102), (60, 130168), (66, 130282), (78, 130393), (79, 130405), (101, 130603), (102, 130615), (105, 130648), (109, 130678), (112, 130729),

Gene: Tortoise16_219 Start: 124359, Stop: 125381, Start Num: 17
Candidate Starts for Tortoise16_219:
(Start: 17 @124359 has 192 MA's), (45, 124677), (47, 124683), (50, 124701), (52, 124722), (54, 124743), (60, 124809), (66, 124923), (78, 125034), (79, 125046), (101, 125244), (102, 125256), (105, 125289), (109, 125319), (112, 125370),

Gene: Trinitium_217 Start: 122651, Stop: 123673, Start Num: 17
Candidate Starts for Trinitium_217:
(Start: 17 @122651 has 192 MA's), (45, 122969), (47, 122975), (50, 122993), (52, 123014), (54, 123035), (60, 123101), (66, 123215), (78, 123326), (79, 123338), (101, 123536), (102, 123548), (105, 123581), (109, 123611), (112, 123662),

Gene: Turret_214 Start: 122233, Stop: 123255, Start Num: 17
Candidate Starts for Turret_214:
(Start: 17 @122233 has 192 MA's), (45, 122551), (47, 122557), (50, 122575), (52, 122596), (54, 122617), (60, 122683), (66, 122797), (78, 122908), (79, 122920), (101, 123118), (102, 123130), (105, 123163), (109, 123193), (112, 123244),

Gene: Tyke_219 Start: 125726, Stop: 126748, Start Num: 17
Candidate Starts for Tyke_219:
(Start: 17 @125726 has 192 MA's), (45, 126044), (47, 126050), (50, 126068), (52, 126089), (54, 126110), (60, 126176), (66, 126290), (78, 126401), (79, 126413), (101, 126611), (102, 126623), (105, 126656), (109, 126686), (112, 126737),

Gene: ValleyTerrace_222 Start: 123810, Stop: 124832, Start Num: 17
Candidate Starts for ValleyTerrace_222:
(Start: 17 @123810 has 192 MA's), (45, 124128), (47, 124134), (50, 124152), (52, 124173), (54, 124194), (60, 124260), (66, 124374), (78, 124485), (79, 124497), (101, 124695), (102, 124707), (105, 124740), (109, 124770), (112, 124821),

Gene: Vortrix_241 Start: 128505, Stop: 129527, Start Num: 17
Candidate Starts for Vortrix_241:
(Start: 17 @128505 has 192 MA's), (45, 128823), (47, 128829), (50, 128847), (52, 128868), (54, 128889), (60, 128955), (66, 129069), (78, 129180), (79, 129192), (101, 129390), (102, 129402), (105, 129435), (112, 129516),

Gene: Wally_219 Start: 123794, Stop: 124816, Start Num: 17
Candidate Starts for Wally_219:
(Start: 17 @123794 has 192 MA's), (45, 124112), (47, 124118), (50, 124136), (52, 124157), (54, 124178), (60, 124244), (66, 124358), (78, 124469), (79, 124481), (101, 124679), (102, 124691), (105, 124724), (109, 124754), (112, 124805),

Gene: Willis_222 Start: 124696, Stop: 125718, Start Num: 17
Candidate Starts for Willis_222:
(Start: 17 @124696 has 192 MA's), (45, 125014), (47, 125020), (50, 125038), (52, 125059), (54, 125080), (60, 125146), (66, 125260), (78, 125371), (79, 125383), (101, 125581), (102, 125593), (105, 125626), (109, 125656), (112, 125707),

Gene: Yassified_218 Start: 124146, Stop: 125168, Start Num: 17
Candidate Starts for Yassified_218:
(Start: 17 @124146 has 192 MA's), (45, 124464), (47, 124470), (50, 124488), (52, 124509), (54, 124530), (60, 124596), (66, 124710), (78, 124821), (79, 124833), (101, 125031), (102, 125043), (105, 125076), (109, 125106), (112, 125157),

Gene: YemiJoy2021_222 Start: 125464, Stop: 126486, Start Num: 17
Candidate Starts for YemiJoy2021_222:
(Start: 17 @125464 has 192 MA's), (45, 125782), (47, 125788), (50, 125806), (52, 125827), (54, 125848), (60, 125914), (66, 126028), (78, 126139), (79, 126151), (101, 126349), (102, 126361), (105, 126394), (109, 126424), (112, 126475),

Gene: YoungMoneyMata_220 Start: 124278, Stop: 125300, Start Num: 17
Candidate Starts for YoungMoneyMata_220:
(Start: 17 @124278 has 192 MA's), (45, 124596), (47, 124602), (50, 124620), (52, 124641), (54, 124662), (60, 124728), (66, 124842), (78, 124953), (79, 124965), (101, 125163), (102, 125175), (105, 125208), (109, 125238), (112, 125289),

Gene: Yucca_221 Start: 125456, Stop: 126478, Start Num: 17
Candidate Starts for Yucca_221:
(Start: 17 @125456 has 192 MA's), (45, 125774), (47, 125780), (50, 125798), (52, 125819), (54, 125840), (60, 125906), (66, 126020), (78, 126131), (79, 126143), (101, 126341), (102, 126353), (105, 126386), (109, 126416), (112, 126467),

Gene: Zalkecks_220 Start: 124525, Stop: 125547, Start Num: 17
Candidate Starts for Zalkecks_220:
(Start: 17 @124525 has 192 MA's), (45, 124843), (47, 124849), (50, 124867), (52, 124888), (54, 124909), (60, 124975), (66, 125089), (78, 125200), (79, 125212), (101, 125410), (102, 125422), (105, 125455), (109, 125485), (112, 125536),

Gene: Zeenon_223 Start: 125096, Stop: 126118, Start Num: 17
Candidate Starts for Zeenon_223:
(Start: 17 @125096 has 192 MA's), (45, 125414), (47, 125420), (50, 125438), (52, 125459), (54, 125480), (60, 125546), (66, 125660), (78, 125771), (79, 125783), (101, 125981), (102, 125993), (105, 126026), (109, 126056), (112, 126107),

Gene: ZygoTaiga_218 Start: 125716, Stop: 126738, Start Num: 17
Candidate Starts for ZygoTaiga_218:
(Start: 17 @125716 has 192 MA's), (45, 126034), (47, 126040), (50, 126058), (52, 126079), (54, 126100), (60, 126166), (66, 126280), (78, 126391), (79, 126403), (101, 126601), (102, 126613), (105,

126646), (109, 126676), (112, 126727),