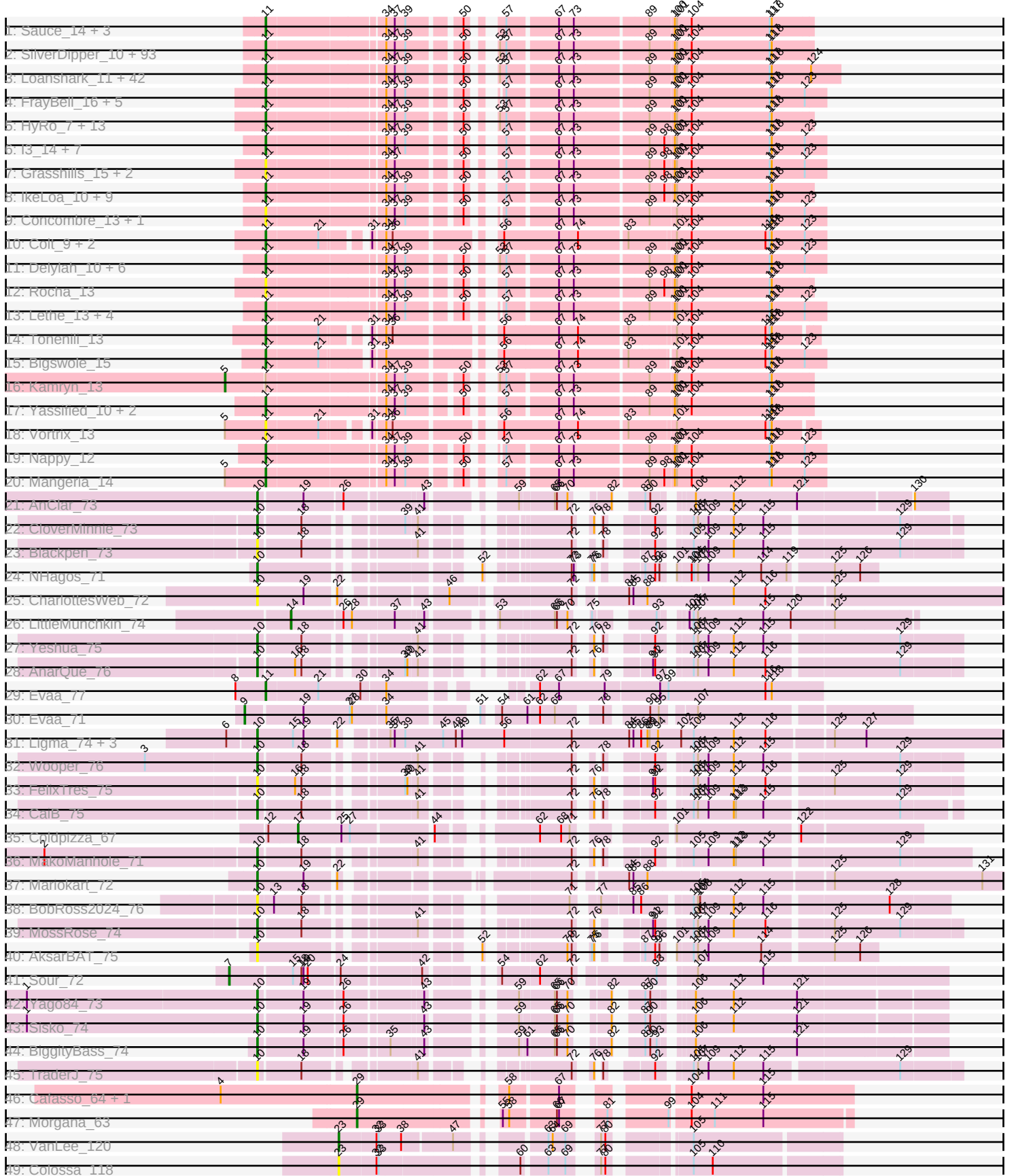


Pham 257170



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 257170 Report

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

Pham number 257170 has 242 members, 42 are drafts.

Phages represented in each track:

- Track 1 : Sauce_14, Ronan_10, Cali_10, Iota_10
- Track 2 : SilverDipper_10, CindyLou_10, Shnickers_10, Rizal_10, Alice_8, JPickles_10, Halldule_10, Koguma_10, GlutenPhree_10, CharlieB_9, Pinkcreek_6, Ngannou_10, Teardrop_10, Primadonna_10, FoxtrotP1_11, Atlantean_10, Matsumoto_10, StubbySaigey_10, DeejaClivia_8, Roots515_11, Audrick_10, JulietS_10, BananaFence_10, Lunareta_13, Spec_9, Derek_10, Rahel_10, Catera_10, ShiaLabeouf_10, ArcherS7_10, LifeSavor_10, DTDDevon_13, ValleyTerrace_10, Blackbrain_10, JustHall_10, Morizzled23_10, Belieber_9, Amataga_10, Guwapp_10, Melpomini_10, Jedediah_10, Patter_10, EmmaElysia_10, Turret_10, Sprinklers_10, Momo_10, ET08_9, LRRHood_10, Willis_10, Darko_10, BadAgartude_10, Wally_10, Phlegm_10, Quasimodo_10, Trinitium_10, SmallFry_10, Shaqnato_10, Ghost_10, Janiyra_10, Tortoise16_9, InigoMontoya_10, Jaygup_10, Latch_10, Bezza_7, Cactojaque_9, BackyardAgain_9, DirtMonster_14, Ading_10, Lukilu_10, Astraea_15, BobaPhatt_9, Chomp_10, Gamgam_10, Littleton_10, Duckfeet_10, Pivoine_10, Dessert_9, Substance289_9, Pier_16, Gabriel_10, Bangla1971_10, Phox_10, Breeniome_10, Montpel_13, Rabinovish_9, Jemmno_9, Phusco_10, Naija_10, Flabslab_10, Essence_10, BeanWater_9, Adlitam_10, Labradorite_9, Babyland_10
- Track 3 : Loanshark_11, Delilah_11, Megamind_11, TinyTim_11, Khaleesi_11, Gizmo_11, Bowman_11, SVoro_11, Ewok_11, MikeLiesIn_11, YemiJoy2021_11, Asterius_11, Pleione_11, OrediggerDelux_11, Bipolarisk_11, Bonray_11, Erdmann_11, DrPhinkDaddy_11, Jessibeth14_11, NedWong_11, Cleatunium_11, Burrough_11, Zalkecks_11, FudgeTart_11, Bread_11, SrishMeg2525_11, ZygoTaiga_11, Norm_11, Ava3_11, Izajani_11, Yucca_10, Fongie_11, Issimir_11, Daffodil_11, Maby2021_11, McWolfish_11, Zeenon_12, Capablanca_11, Salacia_11, ParkTD_11, Lee7_11, Shrimp_11, PurduePete_11
- Track 4 : FrayBell_16, LordLeafolot_16, Pupusa_16, LookingGlass_13, PharkleMinkus_16, Tainan_16
- Track 5 : HyRo_7, Chargie21_10, Napoleon13_10, ChaylaJr_10, Kboogie_10, Ablatia_10, ChickenPhender_10, McGee_10, Shifa_7, Dietrick_9, EasyJones_10, Fixie_9, Basquiat_10, YoungMoneyMata_10
- Track 6 : I3_14, Tyke_13, Bx21_13, NuevoMundo_15, LolaVinca_13, Drazdys_13, Spud_14, Pio_14
- Track 7 : Grasshills_15, EggyFarm_15, BigCity_15
- Track 8 : IkeLoa_10, NoodleTree_13, Domi_9, Blackdragon_9, StephanieG_15, Mikro_13, Fludd_10, QBert_10, RoMag_9, Jezreel_13
- Track 9 : Concombre_13, Demodog_12

- Track 10 : Colt_9, Blubba_9, Cane17_9
- Track 11 : Delylah_10, Caravan_10, EmToTheThree_11, ScottMcG_10, ErnieJ_10, Shelob_11, Stubby_8
- Track 12 : Rocha_13
- Track 13 : Lethe_13, InterFolia_16, Naval22_13, MoMoMixon_13, Nidhogg_13
- Track 14 : Tonerili_13
- Track 15 : Bigswole_15
- Track 16 : Kamryn_13
- Track 17 : Yassified_10, Grungle_10, Dandelion_16
- Track 18 : Vortrix_13
- Track 19 : Nappy_12
- Track 20 : Mangeria_14
- Track 21 : AnClar_73
- Track 22 : CloverMinnie_73
- Track 23 : Blackpen_73
- Track 24 : NHagos_71
- Track 25 : CharlottesWeb_72
- Track 26 : LittleMunchkin_74
- Track 27 : Yeshua_75
- Track 28 : AnarQue_76
- Track 29 : Evaa_77
- Track 30 : Evaa_71
- Track 31 : Ligma_74, Axumite_74, Fresco_74, Shatter_74
- Track 32 : Wooper_76
- Track 33 : FelixTres_75
- Track 34 : CaiB_75
- Track 35 : Coldpizza_67
- Track 36 : MakoManhole_71
- Track 37 : Mariokart_72
- Track 38 : BobRoss2024_76
- Track 39 : MossRose_74
- Track 40 : AksarBAT_75
- Track 41 : Sour_72
- Track 42 : Yago84_73
- Track 43 : Sisko_74
- Track 44 : BiggityBass_74
- Track 45 : TraderJ_75
- Track 46 : Cafasso_64, Aleemily_62
- Track 47 : Morgana_63
- Track 48 : VanLee_120
- Track 49 : Colossa_118

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

The start number called the most often in the published annotations is 11, it was called in 174 of the 200 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ablatia_10, Ading_10, Adlitam_10, Alice_8, Amataga_10, ArcherS7_10, Asterius_11, Astraea_15, Atlantean_10, Audrick_10, Ava3_11, Babyland_10,

BackyardAgain_9, BadAgartude_10, BananaFence_10, Bangla1971_10, Basquiat_10, BeanWater_9, Belieber_9, Bezza_7, BigCity_15, Bigswole_15, Bipolarisk_11, Blackbrain_10, Blackdragon_9, Blubba_9, BobaPhatt_9, Bonray_11, Bowman_11, Bread_11, Breeniome_10, Burrough_11, Bxz1_13, Cactojaque_9, Cali_10, Cane17_9, Capablanca_11, Caravan_10, Catera_10, Charge21_10, CharlieB_9, ChaylaJr_10, ChickenPhender_10, Chomp_10, CindyLou_10, Cleatunium_11, Colt_9, Concombre_13, DTDevon_13, Daffodil_11, Dandelion_16, Darko_10, DeejaClivia_8, Delilah_11, Delylah_10, Demodog_12, Derek_10, Dessert_9, Dietrick_9, DirtMonster_14, Domi_9, DrPhinkDaddy_11, Drazdys_13, Duckfeet_10, ET08_9, EasyJones_10, EggyFarm_15, EmToTheThree_11, EmmaElysia_10, Erdmann_11, ErnieJ_10, Essence_10, Evaa_77, Ewok_11, Fixie_9, Flabslab_10, Fludd_10, Fongie_11, FoxtrotP1_11, FrayBell_16, FudgeTart_11, Gabriel_10, Gamgam_10, Ghost_10, Gizmo_11, GlutenPhree_10, Grasshills_15, Grungle_10, Guwapp_10, Halldule_10, HyRo_7, I3_14, IkeLoa_10, InigoMontoya_10, InterFolia_16, Iota_10, Issimir_11, Izajani_11, JPickles_10, Janiyra_10, Jaygup_10, Jedediah_10, Jemmno_9, Jessibeth14_11, Jezreel_13, JulietS_10, JustHall_10, Kboogie_10, Khaleesi_11, Koguma_10, LRRHood_10, Labradorite_9, Latch_10, Lee7_11, Lethe_13, LifeSavor_10, Littleton_10, Loanshark_11, LolaVinca_13, LookingGlass_13, LordLeafolot_16, Lukilu_10, Lunareta_13, Maby2021_11, Mangeria_14, Matsumoto_10, McGee_10, McWolfish_11, Megamind_11, Melpomini_10, MikeLiesIn_11, Mikro_13, MoMoMixon_13, Momo_10, Montpel_13, Morizzled23_10, Naija_10, Napoleon13_10, Nappy_12, Naval22_13, NedWong_11, Ngannou_10, Nidhogg_13, NoodleTree_13, Norm_11, NuevoMundo_15, OrediggerDelux_11, ParkTD_11, Patter_10, PharkleMinkus_16, Phlegm_10, Phox_10, Phusco_10, Pier_16, Pinkcreek_6, Pio_14, Pivoine_10, Pleione_11, Primadonna_10, Pupusa_16, PurduePete_11, QBert_10, Quasimodo_10, Rabinovich_9, Rahel_10, Rizal_10, RoMag_9, Rocha_13, Ronan_10, Roots515_11, SVoro_11, Salacia_11, Sauce_14, ScottMcG_10, Shaqnato_10, Shelob_11, ShiaLabeouf_10, Shifa_7, Shnickers_10, Shrimp_11, SilverDipper_10, SmallFry_10, Spec_9, Sprinklers_10, Spud_14, SrishMeg2525_11, StephanieG_15, StubbySaigey_10, Stubby_8, Substance289_9, Tainan_16, Teardrop_10, TinyTim_11, Tonenili_13, Tortoise16_9, Trinitium_10, Turret_10, Tyke_13, ValleyTerrace_10, Vortrix_13, Wally_10, Willis_10, Yassified_10, YemiJoy2021_11, YoungMoneyMata_10, Yucca_10, Zalkecks_11, Zeenon_12, ZygoTaiga_11,

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

- Kamryn_13,

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

- AksarBAT_75, Aleemily_62, AnClar_73, AnarQue_76, Axumite_74, BiggityBass_74, Blackpen_73, BobRoss2024_76, Cafasso_64, CaiB_75, CharlottesWeb_72, CloverMinnie_73, Coldpizza_67, Colossa_118, Evaa_71, FelixTres_75, Fresco_74, Ligma_74, LittleMunchkin_74, MakoManhole_71, Mariokart_72, Morgana_63, MossRose_74, NHagos_71, Shatter_74, Sisko_74, Sour_72, TraderJ_75, VanLee_120, Wooper_76, Yago84_73, Yeshua_75,

Summary by start number:

Start 5:

- Found in 3 of 242 (1.2%) of genes in pham
- Manual Annotations of this start: 1 of 200
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Kamryn_13 (C1),

Start 7:

- Found in 1 of 242 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sour_72 (DR),

Start 9:

- Found in 1 of 242 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Evaa_71 (DR),

Start 10:

- Found in 23 of 242 (9.5%) of genes in pham
- Manual Annotations of this start: 17 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AksarBAT_75 (DR), AnClar_73 (DR), AnarQue_76 (DR), Axumite_74 (DR), BiggityBass_74 (DR), Blackpen_73 (DR), BobRoss2024_76 (DR), CaiB_75 (DR), CharlottesWeb_72 (DR), CloverMinnie_73 (DR), FelixTres_75 (DR), Fresco_74 (DR), Ligma_74 (DR), MakoManhole_71 (DR), Mariokart_72 (DR), MossRose_74 (DR), NHagos_71 (DR), Shatter_74 (DR), Sisko_74 (DR), TraderJ_75 (DR), Wooper_76 (DR), Yago84_73 (DR), Yeshua_75 (DR),

Start 11:

- Found in 210 of 242 (86.8%) of genes in pham
- Manual Annotations of this start: 174 of 200
- Called 99.5% of time when present
- Phage (with cluster) where this start called: Ablatia_10 (C1), Ading_10 (C1), Adlitam_10 (C1), Alice_8 (C1), Amataga_10 (C1), ArcherS7_10 (C1), Asterius_11 (C1), Astraea_15 (C1), Atlantean_10 (C1), Audrick_10 (C1), Ava3_11 (C1), Babyland_10 (C1), BackyardAgain_9 (C1), BadAgartude_10 (C1), BananaFence_10 (C1), Bangla1971_10 (C1), Basquiat_10 (C1), BeanWater_9 (C1), Belieber_9 (C1), Bezza_7 (C1), BigCity_15 (C1), Bigswole_15 (C1), Bipolarisk_11 (C1), Blackbrain_10 (C1), Blackdragon_9 (C1), Blubba_9 (C1), BobaPhatt_9 (C1), Bonray_11 (C1), Bowman_11 (C1), Bread_11 (C1), Breeniome_10 (C1), Burrough_11 (C1), Bxz1_13 (C1), Cactojaque_9 (C1), Cali_10 (C1), Cane17_9 (C1), Capablanca_11 (C1), Caravan_10 (C1), Catera_10 (C1), Chargie21_10 (C1), CharlieB_9 (C1), ChaylaJr_10 (C1), ChickenPhender_10 (C1), Chomp_10 (C1), CindyLou_10 (C1), Cleatunium_11 (C1), Colt_9 (C1), Concombre_13 (C1), DTDevon_13 (C1), Daffodil_11 (C1), Dandelion_16 (C1), Darko_10 (C1), DeejaClivia_8 (C1), Delilah_11 (C1), Delylah_10 (C1), Demodog_12 (C1), Derek_10 (C1), Dessert_9 (C1), Dietrick_9 (C1), DirtMonster_14 (C1), Domi_9 (C1), DrPhinkDaddy_11 (C1), Drazdys_13 (C1), Duckfeet_10 (C1), ET08_9 (C1), EasyJones_10 (C1), EgggyFarm_15 (C1), EmToTheThree_11 (C1), EmmaElysia_10 (C1), Erdmann_11 (C1), ErnieJ_10 (C1), Essence_10 (C1), Evaa_77 (DR), Ewok_11 (C1), Fixie_9 (C1), Flabslab_10 (C1), Fludd_10 (C1), Fongie_11 (C1), FoxtrotP1_11 (C1), FrayBell_16 (C1), FudgeTart_11 (C1), Gabriel_10 (C1), Gamgam_10 (C1), Ghost_10 (C1), Gizmo_11 (C1), GlutenPhree_10 (C1), Grasshills_15 (C1), Grungle_10 (C1), Guwapp_10 (C1), Halldule_10 (C1), HyRo_7 (C1), I3_14 (C1), IkeLoa_10 (C1), InigoMontoya_10 (C1), InterFolia_16 (C1), Iota_10 (C1), Issimir_11 (C1), Izajani_11 (C1), JPickles_10 (C1), Janiyr_10 (C1), Jaygup_10 (C1), Jedediah_10 (C1), Jemmno_9 (C1),

Jessibeth14_11 (C1), Jezreel_13 (C1), JulietS_10 (C1), JustHall_10 (C1), Kboogie_10 (C1), Khaleesi_11 (C1), Koguma_10 (C1), LRRHood_10 (C1), Labradorite_9 (C1), Latch_10 (C1), Lee7_11 (C1), Lethe_13 (C1), LifeSavor_10 (C1), Littleton_10 (C1), Loanshark_11 (C1), LolaVinca_13 (C1), LookingGlass_13 (C1), LordLeafolot_16 (C1), Lukilu_10 (C1), Lunareta_13 (C1), Maby2021_11 (C1), Mangeria_14 (C1), Matsumoto_10 (C1), McGee_10 (C1), McWolfish_11 (C1), Megamind_11 (C1), Melpomini_10 (C1), MikeLiesIn_11 (C1), Mikro_13 (C1), MoMoMixon_13 (C1), Momo_10 (C1), Montpel_13 (C1), Morizzled23_10 (C1), Naija_10 (C1), Napoleon13_10 (C1), Nappy_12 (C1), Naval22_13 (C1), NedWong_11 (C1), Ngannou_10 (C1), Nidhogg_13 (C1), NoodleTree_13 (C1), Norm_11 (C1), NuevoMundo_15 (C1), OrediggerDelux_11 (C1), ParkTD_11 (C1), Patter_10 (C1), PharkleMinkus_16 (C1), Phlegm_10 (C1), Phox_10 (C1), Phusco_10 (C1), Pier_16 (C1), Pinkcreek_6 (C1), Pio_14 (C1), Pivoine_10 (C1), Pleione_11 (C1), Primadonna_10 (C1), Pupusa_16 (C1), PurduePete_11 (C1), QBert_10 (C1), Quasimodo_10 (C1), Rabinovich_9 (C1), Rahel_10 (C1), Rizal_10 (C1), RoMag_9 (C1), Rocha_13 (C1), Ronan_10 (C1), Roots515_11 (C1), SVoro_11 (C1), Salacia_11 (C1), Sauce_14 (C1), ScottMcG_10 (C1), Shagnato_10 (C1), Shelob_11 (C1), ShiaLabeouf_10 (C1), Shifa_7 (C1), Shnickers_10 (C1), Shrimp_11 (C1), SilverDipper_10 (C1), SmallFry_10 (C1), Spec_9 (C1), Sprinklers_10 (C1), Spud_14 (C1), SrishMeg2525_11 (C1), StephanieG_15 (C1), StubbySaigey_10 (C1), Stubby_8 (C1), Substance289_9 (C1), Tainan_16 (C1), Teardrop_10 (C1), TinyTim_11 (C1), Tonenili_13 (C1), Tortoise16_9 (C1), Trinitium_10 (C1), Turret_10 (C1), Tyke_13 (C1), ValleyTerrace_10 (C1), Vortrix_13 (C1), Wally_10 (C1), Willis_10 (C1), Yassified_10 (C1), YemiJoy2021_11 (C1), YoungMoneyMata_10 (C1), Yucca_10 (C1), Zalkecks_11 (C1), Zeenon_12 (C1), ZygoTaiga_11 (C1),

Start 14:

- Found in 1 of 242 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LittleMunchkin_74 (DR),

Start 17:

- Found in 1 of 242 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Coldpizza_67 (DR),

Start 23:

- Found in 2 of 242 (0.8%) of genes in pham
- Manual Annotations of this start: 1 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Colossa_118 (KA), VanLee_120 (KA),

Start 29:

- Found in 3 of 242 (1.2%) of genes in pham
- Manual Annotations of this start: 3 of 200
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aleemily_62 (DZ), Cafasso_64 (DZ), Morgana_63 (DZ),

Summary by clusters:

There are 4 clusters represented in this pham: DZ, C1, DR, KA,

Info for manual annotations of cluster C1:

- Start number 5 was manually annotated 1 time for cluster C1.
- Start number 11 was manually annotated 173 times for cluster C1.

Info for manual annotations of cluster DR:

- Start number 7 was manually annotated 1 time for cluster DR.
- Start number 9 was manually annotated 1 time for cluster DR.
- Start number 10 was manually annotated 17 times for cluster DR.
- Start number 11 was manually annotated 1 time for cluster DR.
- Start number 14 was manually annotated 1 time for cluster DR.
- Start number 17 was manually annotated 1 time for cluster DR.

Info for manual annotations of cluster DZ:

- Start number 29 was manually annotated 3 times for cluster DZ.

Info for manual annotations of cluster KA:

- Start number 23 was manually annotated 1 time for cluster KA.

Gene Information:

Gene: Ablatia_10 Start: 2732, Stop: 3415, Start Num: 11

Candidate Starts for Ablatia_10:

(Start: 11 @2732 has 174 MA's), (34, 2888), (37, 2900), (39, 2915), (50, 2978), (53, 2996), (57, 3005), (67, 3071), (73, 3092), (89, 3188), (100, 3221), (101, 3224), (104, 3245), (117, 3356), (118, 3359),

Gene: Ading_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Ading_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: Adlitam_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Adlitam_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: AksarBAT_75 Start: 56198, Stop: 55521, Start Num: 10

Candidate Starts for AksarBAT_75:

(Start: 10 @56198 has 17 MA's), (52, 55955), (70, 55868), (72, 55862), (75, 55853), (76, 55850), (87, 55817), (92, 55805), (96, 55799), (101, 55790), (105, 55769), (107, 55763), (109, 55748), (114, 55673), (125, 55580), (126, 55544),

Gene: Aleemily_62 Start: 42673, Stop: 43269, Start Num: 29

Candidate Starts for Aleemily_62:

(4, 42481), (Start: 29 @42673 has 3 MA's), (58, 42847), (67, 42910), (104, 43039), (115, 43141),

Gene: Alice_8 Start: 3144, Stop: 3827, Start Num: 11

Candidate Starts for Alice_8:

(Start: 11 @3144 has 174 MA's), (34, 3300), (37, 3312), (39, 3327), (50, 3390), (53, 3408), (57, 3417), (67, 3483), (73, 3504), (89, 3600), (100, 3633), (101, 3636), (104, 3657), (117, 3768), (118, 3771),

Gene: Amataga_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Amataga_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: AnClar_73 Start: 58343, Stop: 57537, Start Num: 10

Candidate Starts for AnClar_73:

(Start: 10 @58343 has 17 MA's), (19, 58283), (26, 58232), (43, 58133), (59, 58040), (65, 57995), (66, 57992), (70, 57977), (82, 57944), (87, 57923), (90, 57917), (106, 57878), (112, 57824), (121, 57734), (130, 57584),

Gene: AnarQue_76 Start: 57434, Stop: 56649, Start Num: 10

Candidate Starts for AnarQue_76:

(Start: 10 @57434 has 17 MA's), (16, 57386), (18, 57377), (39, 57263), (40, 57260), (41, 57248), (72, 57104), (76, 57092), (91, 57050), (92, 57047), (105, 57011), (107, 57005), (109, 56990), (112, 56954), (116, 56909), (129, 56732),

Gene: ArcherS7_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for ArcherS7_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Asterius_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Asterius_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Astraea_15 Start: 4224, Stop: 4907, Start Num: 11

Candidate Starts for Astraea_15:

(Start: 11 @4224 has 174 MA's), (34, 4380), (37, 4392), (39, 4407), (50, 4470), (53, 4488), (57, 4497), (67, 4563), (73, 4584), (89, 4680), (100, 4713), (101, 4716), (104, 4737), (117, 4848), (118, 4851),

Gene: Atlantean_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Atlantean_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Audrick_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Audrick_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: Ava3_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Ava3_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Axumite_74 Start: 56018, Stop: 55002, Start Num: 10

Candidate Starts for Axumite_74:

(6, 56057), (Start: 10 @56018 has 17 MA's), (15, 55967), (19, 55952), (22, 55913), (35, 55865), (37, 55859), (39, 55844), (45, 55790), (48, 55772), (49, 55763), (56, 55703), (72, 55610), (84, 55529), (85, 55523), (86, 55514), (88, 55505), (89, 55502), (94, 55490), (102, 55457), (105, 55439), (112, 55382), (116, 55337), (125, 55250), (127, 55205),

Gene: Babyland_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Babyland_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: BackyardAgain_9 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for BackyardAgain_9:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: BadAgartude_10 Start: 2938, Stop: 3621, Start Num: 11

Candidate Starts for BadAgartude_10:

(Start: 11 @2938 has 174 MA's), (34, 3094), (37, 3106), (39, 3121), (50, 3184), (53, 3202), (57, 3211), (67, 3277), (73, 3298), (89, 3394), (100, 3427), (101, 3430), (104, 3451), (117, 3562), (118, 3565),

Gene: BananaFence_10 Start: 3731, Stop: 4414, Start Num: 11

Candidate Starts for BananaFence_10:

(Start: 11 @3731 has 174 MA's), (34, 3887), (37, 3899), (39, 3914), (50, 3977), (53, 3995), (57, 4004), (67, 4070), (73, 4091), (89, 4187), (100, 4220), (101, 4223), (104, 4244), (117, 4355), (118, 4358),

Gene: Bangla1971_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Bangla1971_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Basquiat_10 Start: 2711, Stop: 3394, Start Num: 11

Candidate Starts for Basquiat_10:

(Start: 11 @2711 has 174 MA's), (34, 2867), (37, 2879), (39, 2894), (50, 2957), (53, 2975), (57, 2984), (67, 3050), (73, 3071), (89, 3167), (100, 3200), (101, 3203), (104, 3224), (117, 3335), (118, 3338),

Gene: BeanWater_9 Start: 3745, Stop: 4428, Start Num: 11

Candidate Starts for BeanWater_9:

(Start: 11 @3745 has 174 MA's), (34, 3901), (37, 3913), (39, 3928), (50, 3991), (53, 4009), (57, 4018), (67, 4084), (73, 4105), (89, 4201), (100, 4234), (101, 4237), (104, 4258), (117, 4369), (118, 4372),

Gene: Belieber_9 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Belieber_9:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Bezza_7 Start: 3144, Stop: 3827, Start Num: 11

Candidate Starts for Bezza_7:

(Start: 11 @3144 has 174 MA's), (34, 3300), (37, 3312), (39, 3327), (50, 3390), (53, 3408), (57, 3417), (67, 3483), (73, 3504), (89, 3600), (100, 3633), (101, 3636), (104, 3657), (117, 3768), (118, 3771),

Gene: BigCity_15 Start: 5237, Stop: 5938, Start Num: 11

Candidate Starts for BigCity_15:

(Start: 11 @5237 has 174 MA's), (34, 5393), (37, 5405), (50, 5483), (57, 5510), (67, 5576), (73, 5597), (89, 5693), (98, 5714), (100, 5726), (101, 5729), (104, 5750), (117, 5861), (118, 5864), (123, 5909),

Gene: BiggityBass_74 Start: 58130, Stop: 57321, Start Num: 10

Candidate Starts for BiggityBass_74:

(Start: 10 @58130 has 17 MA's), (19, 58070), (26, 58019), (35, 57962), (43, 57920), (59, 57827), (61, 57818), (65, 57782), (66, 57779), (70, 57764), (82, 57731), (87, 57710), (90, 57704), (93, 57695), (106, 57665), (121, 57521),

Gene: Bigswole_15 Start: 4457, Stop: 5155, Start Num: 11

Candidate Starts for Bigswole_15:

(Start: 11 @4457 has 174 MA's), (21, 4529), (31, 4586), (34, 4601), (56, 4727), (67, 4802), (74, 4829), (83, 4892), (101, 4946), (104, 4967), (116, 5072), (117, 5078), (118, 5081), (123, 5126),

Gene: Bipolarisk_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Bipolarisk_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Blackbrain_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Blackbrain_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Blackdragon_9 Start: 2767, Stop: 3450, Start Num: 11

Candidate Starts for Blackdragon_9:

(Start: 11 @2767 has 174 MA's), (34, 2923), (37, 2935), (39, 2950), (50, 3013), (57, 3040), (67, 3106), (73, 3127), (89, 3223), (98, 3244), (100, 3256), (101, 3259), (104, 3280), (117, 3391), (118, 3394),

Gene: Blackpen_73 Start: 55891, Stop: 55106, Start Num: 10

Candidate Starts for Blackpen_73:

(Start: 10 @55891 has 17 MA's), (18, 55834), (41, 55705), (72, 55561), (78, 55546), (92, 55504), (105, 55468), (109, 55447), (112, 55411), (115, 55369), (129, 55189),

Gene: Blubba_9 Start: 3514, Stop: 4206, Start Num: 11

Candidate Starts for Blubba_9:

(Start: 11 @3514 has 174 MA's), (21, 3586), (31, 3634), (34, 3649), (36, 3658), (56, 3775), (67, 3850), (74, 3877), (83, 3940), (101, 3997), (104, 4018), (116, 4123), (117, 4129), (118, 4132), (123, 4177),

Gene: BobRoss2024_76 Start: 56618, Stop: 55803, Start Num: 10

Candidate Starts for BobRoss2024_76:

(Start: 10 @56618 has 17 MA's), (13, 56597), (18, 56558), (71, 56285), (77, 56261), (85, 56219), (86, 56210), (105, 56150), (107, 56144), (108, 56141), (112, 56093), (115, 56051), (128, 55886),

Gene: BobaPhatt_9 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for BobaPhatt_9:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Bonray_11 Start: 3803, Stop: 4525, Start Num: 11

Candidate Starts for Bonray_11:

(Start: 11 @3803 has 174 MA's), (34, 3959), (37, 3971), (39, 3986), (50, 4049), (53, 4067), (57, 4076), (67, 4142), (73, 4163), (89, 4259), (100, 4292), (101, 4295), (104, 4316), (117, 4427), (118, 4430), (124, 4484),

Gene: Bowman_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Bowman_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Bread_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Bread_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Breeniome_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Breeniome_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Burrough_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Burrough_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Bxz1_13 Start: 3914, Stop: 4615, Start Num: 11

Candidate Starts for Bxz1_13:

(Start: 11 @3914 has 174 MA's), (34, 4070), (37, 4082), (39, 4097), (50, 4160), (57, 4187), (67, 4253), (73, 4274), (89, 4370), (98, 4391), (100, 4403), (101, 4406), (104, 4427), (117, 4538), (118, 4541), (123, 4586),

Gene: Cactojaque_9 Start: 2660, Stop: 3343, Start Num: 11

Candidate Starts for Cactojaque_9:

(Start: 11 @2660 has 174 MA's), (34, 2816), (37, 2828), (39, 2843), (50, 2906), (53, 2924), (57, 2933), (67, 2999), (73, 3020), (89, 3116), (100, 3149), (101, 3152), (104, 3173), (117, 3284), (118, 3287),

Gene: Cafasso_64 Start: 43297, Stop: 43893, Start Num: 29

Candidate Starts for Cafasso_64:

(4, 43105), (Start: 29 @43297 has 3 MA's), (58, 43471), (67, 43534), (104, 43663), (115, 43765),

Gene: CaiB_75 Start: 57227, Stop: 56448, Start Num: 10

Candidate Starts for CaiB_75:

(Start: 10 @57227 has 17 MA's), (18, 57170), (41, 57041), (72, 56897), (76, 56885), (78, 56882), (92, 56840), (105, 56804), (107, 56798), (109, 56783), (112, 56747), (113, 56744), (115, 56705), (129, 56525),

Gene: Cali_10 Start: 3902, Stop: 4582, Start Num: 11

Candidate Starts for Cali_10:

(Start: 11 @3902 has 174 MA's), (34, 4058), (37, 4070), (39, 4085), (50, 4148), (57, 4175), (67, 4241), (73, 4262), (89, 4358), (100, 4391), (101, 4394), (104, 4415), (117, 4526), (118, 4529),

Gene: Cane17_9 Start: 3514, Stop: 4206, Start Num: 11

Candidate Starts for Cane17_9:

(Start: 11 @3514 has 174 MA's), (21, 3586), (31, 3634), (34, 3649), (36, 3658), (56, 3775), (67, 3850), (74, 3877), (83, 3940), (101, 3997), (104, 4018), (116, 4123), (117, 4129), (118, 4132), (123, 4177),

Gene: Capablanca_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Capablanca_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Caravan_10 Start: 2662, Stop: 3363, Start Num: 11

Candidate Starts for Caravan_10:

(Start: 11 @2662 has 174 MA's), (34, 2818), (37, 2830), (39, 2845), (50, 2908), (53, 2926), (57, 2935), (67, 3001), (73, 3022), (89, 3118), (100, 3151), (101, 3154), (104, 3175), (117, 3286), (118, 3289), (123, 3334),

Gene: Catera_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Catera_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Chargie21_10 Start: 2711, Stop: 3394, Start Num: 11

Candidate Starts for Chargie21_10:

(Start: 11 @2711 has 174 MA's), (34, 2867), (37, 2879), (39, 2894), (50, 2957), (53, 2975), (57, 2984), (67, 3050), (73, 3071), (89, 3167), (100, 3200), (101, 3203), (104, 3224), (117, 3335), (118, 3338),

Gene: CharlieB_9 Start: 2763, Stop: 3446, Start Num: 11

Candidate Starts for CharlieB_9:

(Start: 11 @2763 has 174 MA's), (34, 2919), (37, 2931), (39, 2946), (50, 3009), (53, 3027), (57, 3036), (67, 3102), (73, 3123), (89, 3219), (100, 3252), (101, 3255), (104, 3276), (117, 3387), (118, 3390),

Gene: CharlottesWeb_72 Start: 55223, Stop: 54267, Start Num: 10

Candidate Starts for CharlottesWeb_72:

(Start: 10 @55223 has 17 MA's), (19, 55157), (22, 55118), (46, 55001), (72, 54848), (84, 54788), (85, 54782), (88, 54767), (112, 54650), (116, 54605), (125, 54518),

Gene: ChaylaJr_10 Start: 2753, Stop: 3436, Start Num: 11

Candidate Starts for ChaylaJr_10:

(Start: 11 @2753 has 174 MA's), (34, 2909), (37, 2921), (39, 2936), (50, 2999), (53, 3017), (57, 3026), (67, 3092), (73, 3113), (89, 3209), (100, 3242), (101, 3245), (104, 3266), (117, 3377), (118, 3380),

Gene: ChickenPhender_10 Start: 2711, Stop: 3394, Start Num: 11

Candidate Starts for ChickenPhender_10:

(Start: 11 @2711 has 174 MA's), (34, 2867), (37, 2879), (39, 2894), (50, 2957), (53, 2975), (57, 2984), (67, 3050), (73, 3071), (89, 3167), (100, 3200), (101, 3203), (104, 3224), (117, 3335), (118, 3338),

Gene: Chomp_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Chomp_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: CindyLou_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for CindyLou_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Cleatunium_11 Start: 3808, Stop: 4530, Start Num: 11

Candidate Starts for Cleatunium_11:

(Start: 11 @3808 has 174 MA's), (34, 3964), (37, 3976), (39, 3991), (50, 4054), (53, 4072), (57, 4081), (67, 4147), (73, 4168), (89, 4264), (100, 4297), (101, 4300), (104, 4321), (117, 4432), (118, 4435), (124, 4489),

Gene: CloverMinnie_73 Start: 56396, Stop: 55614, Start Num: 10

Candidate Starts for CloverMinnie_73:

(Start: 10 @56396 has 17 MA's), (18, 56339), (39, 56225), (41, 56210), (72, 56066), (76, 56054), (78, 56051), (92, 56009), (105, 55973), (107, 55967), (109, 55952), (112, 55916), (115, 55874), (129, 55694),

Gene: Coldpizza_67 Start: 55593, Stop: 54841, Start Num: 17

Candidate Starts for Coldpizza_67:

(12, 55632), (Start: 17 @55593 has 1 MA's), (25, 55536), (27, 55524), (44, 55419), (62, 55314), (68, 55284), (71, 55272), (101, 55173), (122, 55008),

Gene: Colossa_118 Start: 62048, Stop: 61464, Start Num: 23

Candidate Starts for Colossa_118:

(Start: 23 @62048 has 1 MA's), (32, 61997), (33, 61994), (60, 61835), (63, 61805), (69, 61781), (77, 61760), (80, 61754), (105, 61664), (110, 61637),

Gene: Colt_9 Start: 3520, Stop: 4212, Start Num: 11

Candidate Starts for Colt_9:

(Start: 11 @3520 has 174 MA's), (21, 3592), (31, 3640), (34, 3655), (36, 3664), (56, 3781), (67, 3856), (74, 3883), (83, 3946), (101, 4003), (104, 4024), (116, 4129), (117, 4135), (118, 4138), (123, 4183),

Gene: Concombre_13 Start: 3893, Stop: 4588, Start Num: 11

Candidate Starts for Concombre_13:

(Start: 11 @3893 has 174 MA's), (34, 4049), (37, 4061), (39, 4076), (50, 4139), (57, 4160), (67, 4226), (73, 4247), (89, 4343), (101, 4379), (104, 4400), (117, 4511), (118, 4514), (123, 4559),

Gene: DTDevon_13 Start: 3779, Stop: 4462, Start Num: 11

Candidate Starts for DTDevon_13:

(Start: 11 @3779 has 174 MA's), (34, 3935), (37, 3947), (39, 3962), (50, 4025), (53, 4043), (57, 4052), (67, 4118), (73, 4139), (89, 4235), (100, 4268), (101, 4271), (104, 4292), (117, 4403), (118, 4406),

Gene: Daffodil_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Daffodil_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Dandelion_16 Start: 4895, Stop: 5590, Start Num: 11

Candidate Starts for Dandelion_16:

(Start: 11 @4895 has 174 MA's), (34, 5051), (37, 5063), (39, 5078), (50, 5141), (57, 5162), (67, 5228), (73, 5249), (89, 5345), (100, 5378), (101, 5381), (104, 5402), (117, 5513), (118, 5516),

Gene: Darko_10 Start: 3700, Stop: 4383, Start Num: 11

Candidate Starts for Darko_10:

(Start: 11 @3700 has 174 MA's), (34, 3856), (37, 3868), (39, 3883), (50, 3946), (53, 3964), (57, 3973), (67, 4039), (73, 4060), (89, 4156), (100, 4189), (101, 4192), (104, 4213), (117, 4324), (118, 4327),

Gene: DeejaClivia_8 Start: 2161, Stop: 2844, Start Num: 11

Candidate Starts for DeejaClivia_8:

(Start: 11 @2161 has 174 MA's), (34, 2317), (37, 2329), (39, 2344), (50, 2407), (53, 2425), (57, 2434), (67, 2500), (73, 2521), (89, 2617), (100, 2650), (101, 2653), (104, 2674), (117, 2785), (118, 2788),

Gene: Delilah_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Delilah_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Delylah_10 Start: 2662, Stop: 3363, Start Num: 11

Candidate Starts for Delylah_10:

(Start: 11 @2662 has 174 MA's), (34, 2818), (37, 2830), (39, 2845), (50, 2908), (53, 2926), (57, 2935), (67, 3001), (73, 3022), (89, 3118), (100, 3151), (101, 3154), (104, 3175), (117, 3286), (118, 3289), (123, 3334),

Gene: Demodog_12 Start: 3893, Stop: 4588, Start Num: 11

Candidate Starts for Demodog_12:

(Start: 11 @3893 has 174 MA's), (34, 4049), (37, 4061), (39, 4076), (50, 4139), (57, 4160), (67, 4226), (73, 4247), (89, 4343), (101, 4379), (104, 4400), (117, 4511), (118, 4514), (123, 4559),

Gene: Derek_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Derek_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Dessert_9 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Dessert_9:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Dietrick_9 Start: 2728, Stop: 3411, Start Num: 11

Candidate Starts for Dietrick_9:

(Start: 11 @2728 has 174 MA's), (34, 2884), (37, 2896), (39, 2911), (50, 2974), (53, 2992), (57, 3001), (67, 3067), (73, 3088), (89, 3184), (100, 3217), (101, 3220), (104, 3241), (117, 3352), (118, 3355),

Gene: DirtMonster_14 Start: 5431, Stop: 6132, Start Num: 11

Candidate Starts for DirtMonster_14:

(Start: 11 @5431 has 174 MA's), (34, 5587), (37, 5599), (39, 5614), (50, 5677), (53, 5695), (57, 5704), (67, 5770), (73, 5791), (89, 5887), (100, 5920), (101, 5923), (104, 5944), (117, 6055), (118, 6058),

Gene: Domi_9 Start: 3661, Stop: 4344, Start Num: 11

Candidate Starts for Domi_9:

(Start: 11 @3661 has 174 MA's), (34, 3817), (37, 3829), (39, 3844), (50, 3907), (57, 3934), (67, 4000), (73, 4021), (89, 4117), (98, 4138), (100, 4150), (101, 4153), (104, 4174), (117, 4285), (118, 4288),

Gene: DrPhinkDaddy_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for DrPhinkDaddy_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Drazdys_13 Start: 4008, Stop: 4709, Start Num: 11

Candidate Starts for Drazdys_13:

(Start: 11 @4008 has 174 MA's), (34, 4164), (37, 4176), (39, 4191), (50, 4254), (57, 4281), (67, 4347), (73, 4368), (89, 4464), (98, 4485), (100, 4497), (101, 4500), (104, 4521), (117, 4632), (118, 4635), (123, 4680),

Gene: Duckfeet_10 Start: 2900, Stop: 3583, Start Num: 11

Candidate Starts for Duckfeet_10:

(Start: 11 @2900 has 174 MA's), (34, 3056), (37, 3068), (39, 3083), (50, 3146), (53, 3164), (57, 3173), (67, 3239), (73, 3260), (89, 3356), (100, 3389), (101, 3392), (104, 3413), (117, 3524), (118, 3527),

Gene: ET08_9 Start: 3751, Stop: 4434, Start Num: 11

Candidate Starts for ET08_9:

(Start: 11 @3751 has 174 MA's), (34, 3907), (37, 3919), (39, 3934), (50, 3997), (53, 4015), (57, 4024), (67, 4090), (73, 4111), (89, 4207), (100, 4240), (101, 4243), (104, 4264), (117, 4375), (118, 4378),

Gene: EasyJones_10 Start: 2711, Stop: 3394, Start Num: 11

Candidate Starts for EasyJones_10:

(Start: 11 @2711 has 174 MA's), (34, 2867), (37, 2879), (39, 2894), (50, 2957), (53, 2975), (57, 2984), (67, 3050), (73, 3071), (89, 3167), (100, 3200), (101, 3203), (104, 3224), (117, 3335), (118, 3338),

Gene: EggyFarm_15 Start: 5237, Stop: 5938, Start Num: 11

Candidate Starts for EggyFarm_15:

(Start: 11 @5237 has 174 MA's), (34, 5393), (37, 5405), (50, 5483), (57, 5510), (67, 5576), (73, 5597), (89, 5693), (98, 5714), (100, 5726), (101, 5729), (104, 5750), (117, 5861), (118, 5864), (123, 5909),

Gene: EmToTheThree_11 Start: 3809, Stop: 4510, Start Num: 11

Candidate Starts for EmToTheThree_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (123, 4481),

Gene: EmmaElysia_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for EmmaElysia_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Erdmann_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Erdmann_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: ErnieJ_10 Start: 2726, Stop: 3427, Start Num: 11

Candidate Starts for ErnieJ_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353), (123, 3398),

Gene: Essence_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Essence_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Evaa_77 Start: 57028, Stop: 56354, Start Num: 11

Candidate Starts for Evaa_77:

(8, 57070), (Start: 11 @57028 has 174 MA's), (21, 56956), (30, 56896), (34, 56863), (62, 56743), (67, 56716), (79, 56653), (97, 56581), (99, 56569), (116, 56434), (118, 56425),

Gene: Evaa_71 Start: 54058, Stop: 53249, Start Num: 9

Candidate Starts for Evaa_71:

(Start: 9 @54058 has 1 MA's), (19, 53983), (27, 53917), (28, 53914), (34, 53869), (51, 53767), (54, 53752), (61, 53716), (62, 53701), (65, 53680), (78, 53632), (90, 53587), (95, 53575), (107, 53536),

Gene: Ewok_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Ewok_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: FelixTres_75 Start: 56674, Stop: 55889, Start Num: 10

Candidate Starts for FelixTres_75:

(Start: 10 @56674 has 17 MA's), (16, 56626), (18, 56617), (39, 56503), (40, 56500), (41, 56488), (72, 56344), (76, 56332), (91, 56290), (92, 56287), (105, 56251), (107, 56245), (109, 56230), (112, 56194), (116, 56149), (125, 56065), (129, 55972),

Gene: Fixie_9 Start: 2711, Stop: 3394, Start Num: 11

Candidate Starts for Fixie_9:

(Start: 11 @2711 has 174 MA's), (34, 2867), (37, 2879), (39, 2894), (50, 2957), (53, 2975), (57, 2984), (67, 3050), (73, 3071), (89, 3167), (100, 3200), (101, 3203), (104, 3224), (117, 3335), (118, 3338),

Gene: Flabslab_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Flabslab_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Fludd_10 Start: 2712, Stop: 3395, Start Num: 11

Candidate Starts for Fludd_10:

(Start: 11 @2712 has 174 MA's), (34, 2868), (37, 2880), (39, 2895), (50, 2958), (57, 2985), (67, 3051), (73, 3072), (89, 3168), (98, 3189), (100, 3201), (101, 3204), (104, 3225), (117, 3336), (118, 3339),

Gene: Fongie_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Fongie_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: FoxtrotP1_11 Start: 3809, Stop: 4492, Start Num: 11

Candidate Starts for FoxtrotP1_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436),

Gene: FrayBell_16 Start: 4717, Stop: 5412, Start Num: 11

Candidate Starts for FrayBell_16:

(Start: 11 @4717 has 174 MA's), (34, 4873), (37, 4885), (39, 4900), (50, 4963), (57, 4984), (67, 5050), (73, 5071), (89, 5167), (100, 5200), (101, 5203), (104, 5224), (117, 5335), (118, 5338), (123, 5383),

Gene: Fresco_74 Start: 56024, Stop: 55008, Start Num: 10

Candidate Starts for Fresco_74:

(6, 56063), (Start: 10 @56024 has 17 MA's), (15, 55973), (19, 55958), (22, 55919), (35, 55871), (37, 55865), (39, 55850), (45, 55796), (48, 55778), (49, 55769), (56, 55709), (72, 55616), (84, 55535), (85, 55529), (86, 55520), (88, 55511), (89, 55508), (94, 55496), (102, 55463), (105, 55445), (112, 55388), (116, 55343), (125, 55256), (127, 55211),

Gene: FudgeTart_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for FudgeTart_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Gabriel_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Gabriel_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Gamgam_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Gamgam_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Ghost_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Ghost_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Gizmo_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Gizmo_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: GlutenPhree_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for GlutenPhree_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Grasshills_15 Start: 5237, Stop: 5938, Start Num: 11

Candidate Starts for Grasshills_15:

(Start: 11 @5237 has 174 MA's), (34, 5393), (37, 5405), (50, 5483), (57, 5510), (67, 5576), (73, 5597), (89, 5693), (98, 5714), (100, 5726), (101, 5729), (104, 5750), (117, 5861), (118, 5864), (123, 5909),

Gene: Grungle_10 Start: 2923, Stop: 3606, Start Num: 11

Candidate Starts for Grungle_10:

(Start: 11 @2923 has 174 MA's), (34, 3079), (37, 3091), (39, 3106), (50, 3169), (57, 3196), (67, 3262), (73, 3283), (89, 3379), (100, 3412), (101, 3415), (104, 3436), (117, 3547), (118, 3550),

Gene: Guwapp_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Guwapp_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Halldule_10 Start: 2917, Stop: 3600, Start Num: 11

Candidate Starts for Halldule_10:

(Start: 11 @2917 has 174 MA's), (34, 3073), (37, 3085), (39, 3100), (50, 3163), (53, 3181), (57, 3190), (67, 3256), (73, 3277), (89, 3373), (100, 3406), (101, 3409), (104, 3430), (117, 3541), (118, 3544),

Gene: HyRo_7 Start: 3062, Stop: 3745, Start Num: 11

Candidate Starts for HyRo_7:

(Start: 11 @3062 has 174 MA's), (34, 3218), (37, 3230), (39, 3245), (50, 3308), (53, 3326), (57, 3335), (67, 3401), (73, 3422), (89, 3518), (100, 3551), (101, 3554), (104, 3575), (117, 3686), (118, 3689),

Gene: I3_14 Start: 4591, Stop: 5292, Start Num: 11

Candidate Starts for I3_14:

(Start: 11 @4591 has 174 MA's), (34, 4747), (37, 4759), (39, 4774), (50, 4837), (57, 4864), (67, 4930), (73, 4951), (89, 5047), (98, 5068), (100, 5080), (101, 5083), (104, 5104), (117, 5215), (118, 5218), (123, 5263),

Gene: IkeLoa_10 Start: 3672, Stop: 4355, Start Num: 11

Candidate Starts for IkeLoa_10:

(Start: 11 @3672 has 174 MA's), (34, 3828), (37, 3840), (39, 3855), (50, 3918), (57, 3945), (67, 4011), (73, 4032), (89, 4128), (98, 4149), (100, 4161), (101, 4164), (104, 4185), (117, 4296), (118, 4299),

Gene: InigoMontoya_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for InigoMontoya_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: InterFolia_16 Start: 4714, Stop: 5409, Start Num: 11

Candidate Starts for InterFolia_16:

(Start: 11 @4714 has 174 MA's), (34, 4870), (37, 4882), (39, 4897), (50, 4960), (57, 4981), (67, 5047), (73, 5068), (89, 5164), (100, 5197), (101, 5200), (104, 5221), (117, 5332), (118, 5335), (123, 5380),

Gene: Iota_10 Start: 3655, Stop: 4335, Start Num: 11

Candidate Starts for Iota_10:

(Start: 11 @3655 has 174 MA's), (34, 3811), (37, 3823), (39, 3838), (50, 3901), (57, 3928), (67, 3994), (73, 4015), (89, 4111), (100, 4144), (101, 4147), (104, 4168), (117, 4279), (118, 4282),

Gene: Issimir_11 Start: 3803, Stop: 4525, Start Num: 11

Candidate Starts for Issimir_11:

(Start: 11 @3803 has 174 MA's), (34, 3959), (37, 3971), (39, 3986), (50, 4049), (53, 4067), (57, 4076), (67, 4142), (73, 4163), (89, 4259), (100, 4292), (101, 4295), (104, 4316), (117, 4427), (118, 4430), (124, 4484),

Gene: Izajani_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Izajani_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: JPickles_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for JPickles_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Janiyra_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Janiyra_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: Jaygup_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Jaygup_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Jedediah_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Jedediah_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Jemmno_9 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Jemmno_9:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Jessibeth14_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Jessibeth14_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Jezreel_13 Start: 3873, Stop: 4556, Start Num: 11

Candidate Starts for Jezreel_13:

(Start: 11 @3873 has 174 MA's), (34, 4029), (37, 4041), (39, 4056), (50, 4119), (57, 4146), (67, 4212), (73, 4233), (89, 4329), (98, 4350), (100, 4362), (101, 4365), (104, 4386), (117, 4497), (118, 4500),

Gene: JulietS_10 Start: 2771, Stop: 3454, Start Num: 11

Candidate Starts for JulietS_10:

(Start: 11 @2771 has 174 MA's), (34, 2927), (37, 2939), (39, 2954), (50, 3017), (53, 3035), (57, 3044), (67, 3110), (73, 3131), (89, 3227), (100, 3260), (101, 3263), (104, 3284), (117, 3395), (118, 3398),

Gene: JustHall_10 Start: 3725, Stop: 4408, Start Num: 11

Candidate Starts for JustHall_10:

(Start: 11 @3725 has 174 MA's), (34, 3881), (37, 3893), (39, 3908), (50, 3971), (53, 3989), (57, 3998), (67, 4064), (73, 4085), (89, 4181), (100, 4214), (101, 4217), (104, 4238), (117, 4349), (118, 4352),

Gene: Kamryn_13 Start: 3825, Stop: 4559, Start Num: 5

Candidate Starts for Kamryn_13:

(Start: 5 @3825 has 1 MA's), (Start: 11 @3876 has 174 MA's), (34, 4032), (37, 4044), (39, 4059), (50, 4122), (53, 4140), (57, 4149), (67, 4215), (73, 4236), (89, 4332), (100, 4365), (101, 4368), (104, 4389), (117, 4500), (118, 4503),

Gene: Kboogie_10 Start: 2728, Stop: 3411, Start Num: 11

Candidate Starts for Kboogie_10:

(Start: 11 @2728 has 174 MA's), (34, 2884), (37, 2896), (39, 2911), (50, 2974), (53, 2992), (57, 3001), (67, 3067), (73, 3088), (89, 3184), (100, 3217), (101, 3220), (104, 3241), (117, 3352), (118, 3355),

Gene: Khaleesi_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Khaleesi_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Koguma_10 Start: 2917, Stop: 3600, Start Num: 11

Candidate Starts for Koguma_10:

(Start: 11 @2917 has 174 MA's), (34, 3073), (37, 3085), (39, 3100), (50, 3163), (53, 3181), (57, 3190), (67, 3256), (73, 3277), (89, 3373), (100, 3406), (101, 3409), (104, 3430), (117, 3541), (118, 3544),

Gene: LRRHood_10 Start: 3902, Stop: 4585, Start Num: 11

Candidate Starts for LRRHood_10:

(Start: 11 @3902 has 174 MA's), (34, 4058), (37, 4070), (39, 4085), (50, 4148), (53, 4166), (57, 4175), (67, 4241), (73, 4262), (89, 4358), (100, 4391), (101, 4394), (104, 4415), (117, 4526), (118, 4529),

Gene: Labradorite_9 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Labradorite_9:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Latch_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Latch_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Lee7_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Lee7_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Lethe_13 Start: 3816, Stop: 4511, Start Num: 11

Candidate Starts for Lethe_13:

(Start: 11 @3816 has 174 MA's), (34, 3972), (37, 3984), (39, 3999), (50, 4062), (57, 4083), (67, 4149), (73, 4170), (89, 4266), (100, 4299), (101, 4302), (104, 4323), (117, 4434), (118, 4437), (123, 4482),

Gene: LifeSavor_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for LifeSavor_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Ligma_74 Start: 56018, Stop: 55002, Start Num: 10

Candidate Starts for Ligma_74:

(6, 56057), (Start: 10 @56018 has 17 MA's), (15, 55967), (19, 55952), (22, 55913), (35, 55865), (37, 55859), (39, 55844), (45, 55790), (48, 55772), (49, 55763), (56, 55703), (72, 55610), (84, 55529), (85, 55523), (86, 55514), (88, 55505), (89, 55502), (94, 55490), (102, 55457), (105, 55439), (112, 55382), (116, 55337), (125, 55250), (127, 55205),

Gene: LittleMunchkin_74 Start: 58287, Stop: 57553, Start Num: 14

Candidate Starts for LittleMunchkin_74:

(Start: 14 @58287 has 1 MA's), (26, 58218), (28, 58206), (37, 58149), (43, 58113), (53, 58047), (65, 57975), (66, 57972), (70, 57957), (75, 57948), (93, 57888), (103, 57867), (105, 57861), (107, 57855), (115, 57762), (120, 57723), (125, 57663),

Gene: Littleton_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Littleton_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Loanshark_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Loanshark_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: LolaVince_13 Start: 3814, Stop: 4515, Start Num: 11

Candidate Starts for LolaVince_13:

(Start: 11 @3814 has 174 MA's), (34, 3970), (37, 3982), (39, 3997), (50, 4060), (57, 4087), (67, 4153), (73, 4174), (89, 4270), (98, 4291), (100, 4303), (101, 4306), (104, 4327), (117, 4438), (118, 4441), (123, 4486),

Gene: LookingGlass_13 Start: 3875, Stop: 4570, Start Num: 11

Candidate Starts for LookingGlass_13:

(Start: 11 @3875 has 174 MA's), (34, 4031), (37, 4043), (39, 4058), (50, 4121), (57, 4142), (67, 4208), (73, 4229), (89, 4325), (100, 4358), (101, 4361), (104, 4382), (117, 4493), (118, 4496), (123, 4541),

Gene: LordLeafolot_16 Start: 4716, Stop: 5411, Start Num: 11

Candidate Starts for LordLeafolot_16:

(Start: 11 @4716 has 174 MA's), (34, 4872), (37, 4884), (39, 4899), (50, 4962), (57, 4983), (67, 5049), (73, 5070), (89, 5166), (100, 5199), (101, 5202), (104, 5223), (117, 5334), (118, 5337), (123, 5382),

Gene: Lukilu_10 Start: 3916, Stop: 4599, Start Num: 11

Candidate Starts for Lukilu_10:

(Start: 11 @3916 has 174 MA's), (34, 4072), (37, 4084), (39, 4099), (50, 4162), (53, 4180), (57, 4189), (67, 4255), (73, 4276), (89, 4372), (100, 4405), (101, 4408), (104, 4429), (117, 4540), (118, 4543),

Gene: Lunareta_13 Start: 4010, Stop: 4693, Start Num: 11

Candidate Starts for Lunareta_13:

(Start: 11 @4010 has 174 MA's), (34, 4166), (37, 4178), (39, 4193), (50, 4256), (53, 4274), (57, 4283), (67, 4349), (73, 4370), (89, 4466), (100, 4499), (101, 4502), (104, 4523), (117, 4634), (118, 4637),

Gene: Maby2021_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Maby2021_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: MakoManhole_71 Start: 55770, Stop: 54970, Start Num: 10

Candidate Starts for MakoManhole_71:

(2, 56064), (Start: 10 @55770 has 17 MA's), (18, 55713), (41, 55584), (72, 55440), (76, 55428), (78, 55425), (92, 55383), (105, 55347), (109, 55326), (112, 55290), (113, 55287), (115, 55248), (129, 55068),

Gene: Mangeria_14 Start: 4301, Stop: 5002, Start Num: 11

Candidate Starts for Mangeria_14:

(Start: 5 @4250 has 1 MA's), (Start: 11 @4301 has 174 MA's), (34, 4457), (37, 4469), (39, 4484), (50, 4547), (57, 4574), (67, 4640), (73, 4661), (89, 4757), (98, 4778), (100, 4790), (101, 4793), (104, 4814), (117, 4925), (118, 4928), (123, 4973),

Gene: Mariokart_72 Start: 55498, Stop: 54551, Start Num: 10

Candidate Starts for Mariokart_72:

(Start: 10 @55498 has 17 MA's), (19, 55432), (22, 55393), (72, 55132), (84, 55072), (85, 55066), (88, 55051), (125, 54802), (131, 54592),

Gene: Matsumoto_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Matsumoto_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: McGee_10 Start: 2728, Stop: 3411, Start Num: 11

Candidate Starts for McGee_10:

(Start: 11 @2728 has 174 MA's), (34, 2884), (37, 2896), (39, 2911), (50, 2974), (53, 2992), (57, 3001), (67, 3067), (73, 3088), (89, 3184), (100, 3217), (101, 3220), (104, 3241), (117, 3352), (118, 3355),

Gene: McWolfish_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for McWolfish_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Megamind_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Megamind_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Melpomini_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Melpomini_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: MikeLiesIn_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for MikeLiesIn_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Mikro_13 Start: 4872, Stop: 5555, Start Num: 11

Candidate Starts for Mikro_13:

(Start: 11 @4872 has 174 MA's), (34, 5028), (37, 5040), (39, 5055), (50, 5118), (57, 5145), (67, 5211), (73, 5232), (89, 5328), (98, 5349), (100, 5361), (101, 5364), (104, 5385), (117, 5496), (118, 5499),

Gene: MoMoMixon_13 Start: 4149, Stop: 4844, Start Num: 11

Candidate Starts for MoMoMixon_13:

(Start: 11 @4149 has 174 MA's), (34, 4305), (37, 4317), (39, 4332), (50, 4395), (57, 4416), (67, 4482), (73, 4503), (89, 4599), (100, 4632), (101, 4635), (104, 4656), (117, 4767), (118, 4770), (123, 4815),

Gene: Momo_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Momo_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Montpel_13 Start: 4010, Stop: 4693, Start Num: 11

Candidate Starts for Montpel_13:

(Start: 11 @4010 has 174 MA's), (34, 4166), (37, 4178), (39, 4193), (50, 4256), (53, 4274), (57, 4283), (67, 4349), (73, 4370), (89, 4466), (100, 4499), (101, 4502), (104, 4523), (117, 4634), (118, 4637),

Gene: Morgana_63 Start: 43258, Stop: 43845, Start Num: 29

Candidate Starts for Morgana_63:

(Start: 29 @43258 has 3 MA's), (55, 43420), (58, 43429), (66, 43489), (67, 43492), (81, 43531), (99, 43597), (104, 43621), (111, 43654), (115, 43723),

Gene: Morizzled23_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Morizzled23_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: MossRose_74 Start: 56682, Stop: 55897, Start Num: 10

Candidate Starts for MossRose_74:

(Start: 10 @56682 has 17 MA's), (18, 56625), (41, 56496), (72, 56352), (76, 56340), (91, 56298), (92, 56295), (105, 56259), (107, 56253), (109, 56238), (112, 56202), (116, 56157), (125, 56073), (129, 55980),

Gene: NHagos_71 Start: 54880, Stop: 54203, Start Num: 10

Candidate Starts for NHagos_71:

(Start: 10 @54880 has 17 MA's), (52, 54637), (72, 54544), (73, 54541), (75, 54535), (76, 54532), (87, 54499), (92, 54487), (96, 54481), (101, 54472), (104, 54454), (105, 54451), (107, 54445), (109, 54430), (114, 54355), (119, 54319), (125, 54262), (126, 54226),

Gene: Naija_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Naija_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Napoleon13_10 Start: 2728, Stop: 3411, Start Num: 11

Candidate Starts for Napoleon13_10:

(Start: 11 @2728 has 174 MA's), (34, 2884), (37, 2896), (39, 2911), (50, 2974), (53, 2992), (57, 3001), (67, 3067), (73, 3088), (89, 3184), (100, 3217), (101, 3220), (104, 3241), (117, 3352), (118, 3355),

Gene: Nappy_12 Start: 3543, Stop: 4238, Start Num: 11

Candidate Starts for Nappy_12:

(Start: 11 @3543 has 174 MA's), (34, 3699), (37, 3711), (39, 3726), (50, 3789), (57, 3810), (67, 3876), (73, 3897), (89, 3993), (100, 4026), (101, 4029), (104, 4050), (117, 4161), (118, 4164), (123, 4209),

Gene: Naval22_13 Start: 4149, Stop: 4844, Start Num: 11

Candidate Starts for Naval22_13:

(Start: 11 @4149 has 174 MA's), (34, 4305), (37, 4317), (39, 4332), (50, 4395), (57, 4416), (67, 4482), (73, 4503), (89, 4599), (100, 4632), (101, 4635), (104, 4656), (117, 4767), (118, 4770), (123, 4815),

Gene: NedWong_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for NedWong_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Ngannou_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Ngannou_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: Nidhogg_13 Start: 4149, Stop: 4844, Start Num: 11

Candidate Starts for Nidhogg_13:

(Start: 11 @4149 has 174 MA's), (34, 4305), (37, 4317), (39, 4332), (50, 4395), (57, 4416), (67, 4482), (73, 4503), (89, 4599), (100, 4632), (101, 4635), (104, 4656), (117, 4767), (118, 4770), (123, 4815),

Gene: NoodleTree_13 Start: 3873, Stop: 4556, Start Num: 11

Candidate Starts for NoodleTree_13:

(Start: 11 @3873 has 174 MA's), (34, 4029), (37, 4041), (39, 4056), (50, 4119), (57, 4146), (67, 4212), (73, 4233), (89, 4329), (98, 4350), (100, 4362), (101, 4365), (104, 4386), (117, 4497), (118, 4500),

Gene: Norm_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Norm_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: NuevoMundo_15 Start: 4566, Stop: 5267, Start Num: 11

Candidate Starts for NuevoMundo_15:

(Start: 11 @4566 has 174 MA's), (34, 4722), (37, 4734), (39, 4749), (50, 4812), (57, 4839), (67, 4905), (73, 4926), (89, 5022), (98, 5043), (100, 5055), (101, 5058), (104, 5079), (117, 5190), (118, 5193), (123, 5238),

Gene: OrediggerDelux_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for OrediggerDelux_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: ParkTD_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for ParkTD_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Patter_10 Start: 2747, Stop: 3430, Start Num: 11

Candidate Starts for Patter_10:

(Start: 11 @2747 has 174 MA's), (34, 2903), (37, 2915), (39, 2930), (50, 2993), (53, 3011), (57, 3020), (67, 3086), (73, 3107), (89, 3203), (100, 3236), (101, 3239), (104, 3260), (117, 3371), (118, 3374),

Gene: PharkleMinkus_16 Start: 4717, Stop: 5412, Start Num: 11

Candidate Starts for PharkleMinkus_16:

(Start: 11 @4717 has 174 MA's), (34, 4873), (37, 4885), (39, 4900), (50, 4963), (57, 4984), (67, 5050), (73, 5071), (89, 5167), (100, 5200), (101, 5203), (104, 5224), (117, 5335), (118, 5338), (123, 5383),

Gene: Phlegm_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Phlegm_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Phox_10 Start: 3899, Stop: 4582, Start Num: 11

Candidate Starts for Phox_10:

(Start: 11 @3899 has 174 MA's), (34, 4055), (37, 4067), (39, 4082), (50, 4145), (53, 4163), (57, 4172), (67, 4238), (73, 4259), (89, 4355), (100, 4388), (101, 4391), (104, 4412), (117, 4523), (118, 4526),

Gene: Phusco_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Phusco_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Pier_16 Start: 4544, Stop: 5227, Start Num: 11

Candidate Starts for Pier_16:

(Start: 11 @4544 has 174 MA's), (34, 4700), (37, 4712), (39, 4727), (50, 4790), (53, 4808), (57, 4817), (67, 4883), (73, 4904), (89, 5000), (100, 5033), (101, 5036), (104, 5057), (117, 5168), (118, 5171),

Gene: Pinkcreek_6 Start: 2848, Stop: 3531, Start Num: 11

Candidate Starts for Pinkcreek_6:

(Start: 11 @2848 has 174 MA's), (34, 3004), (37, 3016), (39, 3031), (50, 3094), (53, 3112), (57, 3121), (67, 3187), (73, 3208), (89, 3304), (100, 3337), (101, 3340), (104, 3361), (117, 3472), (118, 3475),

Gene: Pio_14 Start: 4303, Stop: 5004, Start Num: 11

Candidate Starts for Pio_14:

(Start: 11 @4303 has 174 MA's), (34, 4459), (37, 4471), (39, 4486), (50, 4549), (57, 4576), (67, 4642), (73, 4663), (89, 4759), (98, 4780), (100, 4792), (101, 4795), (104, 4816), (117, 4927), (118, 4930), (123, 4975),

Gene: Pivoine_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Pivoine_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Pleione_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Pleione_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Primadonna_10 Start: 3978, Stop: 4661, Start Num: 11

Candidate Starts for Primadonna_10:

(Start: 11 @3978 has 174 MA's), (34, 4134), (37, 4146), (39, 4161), (50, 4224), (53, 4242), (57, 4251), (67, 4317), (73, 4338), (89, 4434), (100, 4467), (101, 4470), (104, 4491), (117, 4602), (118, 4605),

Gene: Pupusa_16 Start: 4716, Stop: 5411, Start Num: 11

Candidate Starts for Pupusa_16:

(Start: 11 @4716 has 174 MA's), (34, 4872), (37, 4884), (39, 4899), (50, 4962), (57, 4983), (67, 5049), (73, 5070), (89, 5166), (100, 5199), (101, 5202), (104, 5223), (117, 5334), (118, 5337), (123, 5382),

Gene: PurduePete_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for PurduePete_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: QBert_10 Start: 3774, Stop: 4457, Start Num: 11

Candidate Starts for QBert_10:

(Start: 11 @3774 has 174 MA's), (34, 3930), (37, 3942), (39, 3957), (50, 4020), (57, 4047), (67, 4113), (73, 4134), (89, 4230), (98, 4251), (100, 4263), (101, 4266), (104, 4287), (117, 4398), (118, 4401),

Gene: Quasimodo_10 Start: 3729, Stop: 4412, Start Num: 11

Candidate Starts for Quasimodo_10:

(Start: 11 @3729 has 174 MA's), (34, 3885), (37, 3897), (39, 3912), (50, 3975), (53, 3993), (57, 4002), (67, 4068), (73, 4089), (89, 4185), (100, 4218), (101, 4221), (104, 4242), (117, 4353), (118, 4356),

Gene: Rabinovish_9 Start: 3515, Stop: 4198, Start Num: 11

Candidate Starts for Rabinovish_9:

(Start: 11 @3515 has 174 MA's), (34, 3671), (37, 3683), (39, 3698), (50, 3761), (53, 3779), (57, 3788), (67, 3854), (73, 3875), (89, 3971), (100, 4004), (101, 4007), (104, 4028), (117, 4139), (118, 4142),

Gene: Rahel_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Rahel_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Rizal_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Rizal_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: RoMag_9 Start: 3623, Stop: 4306, Start Num: 11

Candidate Starts for RoMag_9:

(Start: 11 @3623 has 174 MA's), (34, 3779), (37, 3791), (39, 3806), (50, 3869), (57, 3896), (67, 3962), (73, 3983), (89, 4079), (98, 4100), (100, 4112), (101, 4115), (104, 4136), (117, 4247), (118, 4250),

Gene: Rocha_13 Start: 3872, Stop: 4555, Start Num: 11

Candidate Starts for Rocha_13:

(Start: 11 @3872 has 174 MA's), (34, 4028), (37, 4040), (39, 4055), (50, 4118), (57, 4145), (67, 4211), (73, 4232), (89, 4328), (98, 4349), (100, 4361), (101, 4364), (104, 4385), (117, 4496), (118, 4499),

Gene: Ronan_10 Start: 2900, Stop: 3583, Start Num: 11

Candidate Starts for Ronan_10:

(Start: 11 @2900 has 174 MA's), (34, 3056), (37, 3068), (39, 3083), (50, 3146), (57, 3173), (67, 3239), (73, 3260), (89, 3356), (100, 3389), (101, 3392), (104, 3413), (117, 3524), (118, 3527),

Gene: Roots515_11 Start: 3809, Stop: 4492, Start Num: 11

Candidate Starts for Roots515_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436),

Gene: SVoro_11 Start: 3803, Stop: 4525, Start Num: 11

Candidate Starts for SVoro_11:

(Start: 11 @3803 has 174 MA's), (34, 3959), (37, 3971), (39, 3986), (50, 4049), (53, 4067), (57, 4076), (67, 4142), (73, 4163), (89, 4259), (100, 4292), (101, 4295), (104, 4316), (117, 4427), (118, 4430), (124, 4484),

Gene: Salacia_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Salacia_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Sauce_14 Start: 4153, Stop: 4836, Start Num: 11

Candidate Starts for Sauce_14:

(Start: 11 @4153 has 174 MA's), (34, 4309), (37, 4321), (39, 4336), (50, 4399), (57, 4426), (67, 4492), (73, 4513), (89, 4609), (100, 4642), (101, 4645), (104, 4666), (117, 4777), (118, 4780),

Gene: ScottMcG_10 Start: 3102, Stop: 3803, Start Num: 11

Candidate Starts for ScottMcG_10:

(Start: 11 @3102 has 174 MA's), (34, 3258), (37, 3270), (39, 3285), (50, 3348), (53, 3366), (57, 3375), (67, 3441), (73, 3462), (89, 3558), (100, 3591), (101, 3594), (104, 3615), (117, 3726), (118, 3729), (123, 3774),

Gene: Shaqnato_10 Start: 2917, Stop: 3600, Start Num: 11

Candidate Starts for Shaqnato_10:

(Start: 11 @2917 has 174 MA's), (34, 3073), (37, 3085), (39, 3100), (50, 3163), (53, 3181), (57, 3190), (67, 3256), (73, 3277), (89, 3373), (100, 3406), (101, 3409), (104, 3430), (117, 3541), (118, 3544),

Gene: Shatter_74 Start: 56018, Stop: 55002, Start Num: 10

Candidate Starts for Shatter_74:

(6, 56057), (Start: 10 @56018 has 17 MA's), (15, 55967), (19, 55952), (22, 55913), (35, 55865), (37, 55859), (39, 55844), (45, 55790), (48, 55772), (49, 55763), (56, 55703), (72, 55610), (84, 55529), (85, 55523), (86, 55514), (88, 55505), (89, 55502), (94, 55490), (102, 55457), (105, 55439), (112, 55382), (116, 55337), (125, 55250), (127, 55205),

Gene: Shelob_11 Start: 3809, Stop: 4510, Start Num: 11

Candidate Starts for Shelob_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (123, 4481),

Gene: ShiaLabeouf_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for ShiaLabeouf_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Shifa_7 Start: 3083, Stop: 3766, Start Num: 11

Candidate Starts for Shifa_7:

(Start: 11 @3083 has 174 MA's), (34, 3239), (37, 3251), (39, 3266), (50, 3329), (53, 3347), (57, 3356), (67, 3422), (73, 3443), (89, 3539), (100, 3572), (101, 3575), (104, 3596), (117, 3707), (118, 3710),

Gene: Shnickers_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Shnickers_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Shrimp_11 Start: 3813, Stop: 4535, Start Num: 11

Candidate Starts for Shrimp_11:

(Start: 11 @3813 has 174 MA's), (34, 3969), (37, 3981), (39, 3996), (50, 4059), (53, 4077), (57, 4086), (67, 4152), (73, 4173), (89, 4269), (100, 4302), (101, 4305), (104, 4326), (117, 4437), (118, 4440), (124, 4494),

Gene: SilverDipper_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for SilverDipper_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Sisko_74 Start: 56867, Stop: 56061, Start Num: 10

Candidate Starts for Sisko_74:

(1, 57194), (Start: 10 @56867 has 17 MA's), (19, 56807), (26, 56756), (43, 56657), (59, 56564), (65, 56519), (66, 56516), (70, 56501), (82, 56468), (87, 56447), (90, 56441), (106, 56402), (112, 56348), (121, 56258),

Gene: SmallFry_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for SmallFry_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Sour_72 Start: 57600, Stop: 56710, Start Num: 7

Candidate Starts for Sour_72:

(Start: 7 @57600 has 1 MA's), (15, 57516), (18, 57504), (19, 57501), (20, 57495), (24, 57453), (42, 57351), (54, 57285), (62, 57234), (72, 57189), (93, 57090), (107, 57051), (115, 56958),

Gene: Spec_9 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Spec_9:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Sprinklers_10 Start: 2900, Stop: 3583, Start Num: 11

Candidate Starts for Sprinklers_10:

(Start: 11 @2900 has 174 MA's), (34, 3056), (37, 3068), (39, 3083), (50, 3146), (53, 3164), (57, 3173), (67, 3239), (73, 3260), (89, 3356), (100, 3389), (101, 3392), (104, 3413), (117, 3524), (118, 3527),

Gene: Spud_14 Start: 4303, Stop: 5004, Start Num: 11

Candidate Starts for Spud_14:

(Start: 11 @4303 has 174 MA's), (34, 4459), (37, 4471), (39, 4486), (50, 4549), (57, 4576), (67, 4642), (73, 4663), (89, 4759), (98, 4780), (100, 4792), (101, 4795), (104, 4816), (117, 4927), (118, 4930), (123, 4975),

Gene: SrishMeg2525_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for SrishMeg2525_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436),

(124, 4490),

Gene: StephanieG_15 Start: 4569, Stop: 5252, Start Num: 11

Candidate Starts for StephanieG_15:

(Start: 11 @4569 has 174 MA's), (34, 4725), (37, 4737), (39, 4752), (50, 4815), (57, 4842), (67, 4908), (73, 4929), (89, 5025), (98, 5046), (100, 5058), (101, 5061), (104, 5082), (117, 5193), (118, 5196),

Gene: Stubby_8 Start: 3149, Stop: 3850, Start Num: 11

Candidate Starts for Stubby_8:

(Start: 11 @3149 has 174 MA's), (34, 3305), (37, 3317), (39, 3332), (50, 3395), (53, 3413), (57, 3422), (67, 3488), (73, 3509), (89, 3605), (100, 3638), (101, 3641), (104, 3662), (117, 3773), (118, 3776), (123, 3821),

Gene: StubbySaigey_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for StubbySaigey_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Substance289_9 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Substance289_9:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Tainan_16 Start: 4716, Stop: 5411, Start Num: 11

Candidate Starts for Tainan_16:

(Start: 11 @4716 has 174 MA's), (34, 4872), (37, 4884), (39, 4899), (50, 4962), (57, 4983), (67, 5049), (73, 5070), (89, 5166), (100, 5199), (101, 5202), (104, 5223), (117, 5334), (118, 5337), (123, 5382),

Gene: Teardrop_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Teardrop_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: TinyTim_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for TinyTim_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Tonenili_13 Start: 3681, Stop: 4358, Start Num: 11

Candidate Starts for Tonenili_13:

(Start: 11 @3681 has 174 MA's), (21, 3753), (31, 3801), (34, 3816), (36, 3825), (56, 3942), (67, 4017), (74, 4044), (83, 4107), (101, 4164), (104, 4185), (116, 4290), (117, 4296), (118, 4299),

Gene: Tortoise16_9 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Tortoise16_9:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: TraderJ_75 Start: 56811, Stop: 56026, Start Num: 10

Candidate Starts for TraderJ_75:

(Start: 10 @56811 has 17 MA's), (18, 56754), (41, 56625), (72, 56481), (76, 56469), (78, 56466), (92, 56424), (105, 56388), (107, 56382), (109, 56367), (112, 56331), (115, 56289), (129, 56109),

Gene: Trinitium_10 Start: 2726, Stop: 3409, Start Num: 11

Candidate Starts for Trinitium_10:

(Start: 11 @2726 has 174 MA's), (34, 2882), (37, 2894), (39, 2909), (50, 2972), (53, 2990), (57, 2999), (67, 3065), (73, 3086), (89, 3182), (100, 3215), (101, 3218), (104, 3239), (117, 3350), (118, 3353),

Gene: Turret_10 Start: 2709, Stop: 3392, Start Num: 11

Candidate Starts for Turret_10:

(Start: 11 @2709 has 174 MA's), (34, 2865), (37, 2877), (39, 2892), (50, 2955), (53, 2973), (57, 2982), (67, 3048), (73, 3069), (89, 3165), (100, 3198), (101, 3201), (104, 3222), (117, 3333), (118, 3336),

Gene: Tyke_13 Start: 3779, Stop: 4480, Start Num: 11

Candidate Starts for Tyke_13:

(Start: 11 @3779 has 174 MA's), (34, 3935), (37, 3947), (39, 3962), (50, 4025), (57, 4052), (67, 4118), (73, 4139), (89, 4235), (98, 4256), (100, 4268), (101, 4271), (104, 4292), (117, 4403), (118, 4406), (123, 4451),

Gene: ValleyTerrace_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for ValleyTerrace_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: VanLee_120 Start: 62109, Stop: 61531, Start Num: 23

Candidate Starts for VanLee_120:

(Start: 23 @62109 has 1 MA's), (32, 62058), (33, 62055), (38, 62025), (47, 61962), (63, 61872), (64, 61866), (69, 61848), (77, 61827), (80, 61821), (105, 61731),

Gene: Vortrix_13 Start: 3715, Stop: 4392, Start Num: 11

Candidate Starts for Vortrix_13:

(Start: 5 @3661 has 1 MA's), (Start: 11 @3715 has 174 MA's), (21, 3787), (31, 3835), (34, 3850), (36, 3859), (56, 3976), (67, 4051), (74, 4078), (83, 4141), (101, 4198), (116, 4324), (117, 4330), (118, 4333),

Gene: Wally_10 Start: 2730, Stop: 3413, Start Num: 11

Candidate Starts for Wally_10:

(Start: 11 @2730 has 174 MA's), (34, 2886), (37, 2898), (39, 2913), (50, 2976), (53, 2994), (57, 3003), (67, 3069), (73, 3090), (89, 3186), (100, 3219), (101, 3222), (104, 3243), (117, 3354), (118, 3357),

Gene: Willis_10 Start: 3735, Stop: 4418, Start Num: 11

Candidate Starts for Willis_10:

(Start: 11 @3735 has 174 MA's), (34, 3891), (37, 3903), (39, 3918), (50, 3981), (53, 3999), (57, 4008), (67, 4074), (73, 4095), (89, 4191), (100, 4224), (101, 4227), (104, 4248), (117, 4359), (118, 4362),

Gene: Wooper_76 Start: 56756, Stop: 55971, Start Num: 10

Candidate Starts for Wooper_76:

(3, 56912), (Start: 10 @56756 has 17 MA's), (18, 56699), (41, 56570), (72, 56426), (78, 56411), (92, 56369), (105, 56333), (107, 56327), (109, 56312), (112, 56276), (115, 56234), (129, 56054),

Gene: Yago84_73 Start: 56581, Stop: 55775, Start Num: 10

Candidate Starts for Yago84_73:

(1, 56905), (Start: 10 @56581 has 17 MA's), (19, 56521), (26, 56470), (43, 56371), (59, 56278), (65, 56233), (66, 56230), (70, 56215), (82, 56182), (87, 56161), (90, 56155), (106, 56116), (112, 56062), (121, 55972),

Gene: Yassified_10 Start: 2923, Stop: 3606, Start Num: 11

Candidate Starts for Yassified_10:

(Start: 11 @2923 has 174 MA's), (34, 3079), (37, 3091), (39, 3106), (50, 3169), (57, 3196), (67, 3262), (73, 3283), (89, 3379), (100, 3412), (101, 3415), (104, 3436), (117, 3547), (118, 3550),

Gene: YemiJoy2021_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for YemiJoy2021_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Yeshua_75 Start: 56736, Stop: 55948, Start Num: 10

Candidate Starts for Yeshua_75:

(Start: 10 @56736 has 17 MA's), (18, 56679), (41, 56550), (72, 56406), (76, 56394), (78, 56391), (92, 56349), (105, 56313), (107, 56307), (109, 56292), (112, 56256), (115, 56214), (129, 56034),

Gene: YoungMoneyMata_10 Start: 2728, Stop: 3411, Start Num: 11

Candidate Starts for YoungMoneyMata_10:

(Start: 11 @2728 has 174 MA's), (34, 2884), (37, 2896), (39, 2911), (50, 2974), (53, 2992), (57, 3001), (67, 3067), (73, 3088), (89, 3184), (100, 3217), (101, 3220), (104, 3241), (117, 3352), (118, 3355),

Gene: Yucca_10 Start: 3731, Stop: 4453, Start Num: 11

Candidate Starts for Yucca_10:

(Start: 11 @3731 has 174 MA's), (34, 3887), (37, 3899), (39, 3914), (50, 3977), (53, 3995), (57, 4004), (67, 4070), (73, 4091), (89, 4187), (100, 4220), (101, 4223), (104, 4244), (117, 4355), (118, 4358), (124, 4412),

Gene: Zalkecks_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for Zalkecks_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),

Gene: Zeenon_12 Start: 3810, Stop: 4532, Start Num: 11

Candidate Starts for Zeenon_12:

(Start: 11 @3810 has 174 MA's), (34, 3966), (37, 3978), (39, 3993), (50, 4056), (53, 4074), (57, 4083), (67, 4149), (73, 4170), (89, 4266), (100, 4299), (101, 4302), (104, 4323), (117, 4434), (118, 4437), (124, 4491),

Gene: ZygoTaiga_11 Start: 3809, Stop: 4531, Start Num: 11

Candidate Starts for ZygoTaiga_11:

(Start: 11 @3809 has 174 MA's), (34, 3965), (37, 3977), (39, 3992), (50, 4055), (53, 4073), (57, 4082), (67, 4148), (73, 4169), (89, 4265), (100, 4298), (101, 4301), (104, 4322), (117, 4433), (118, 4436), (124, 4490),