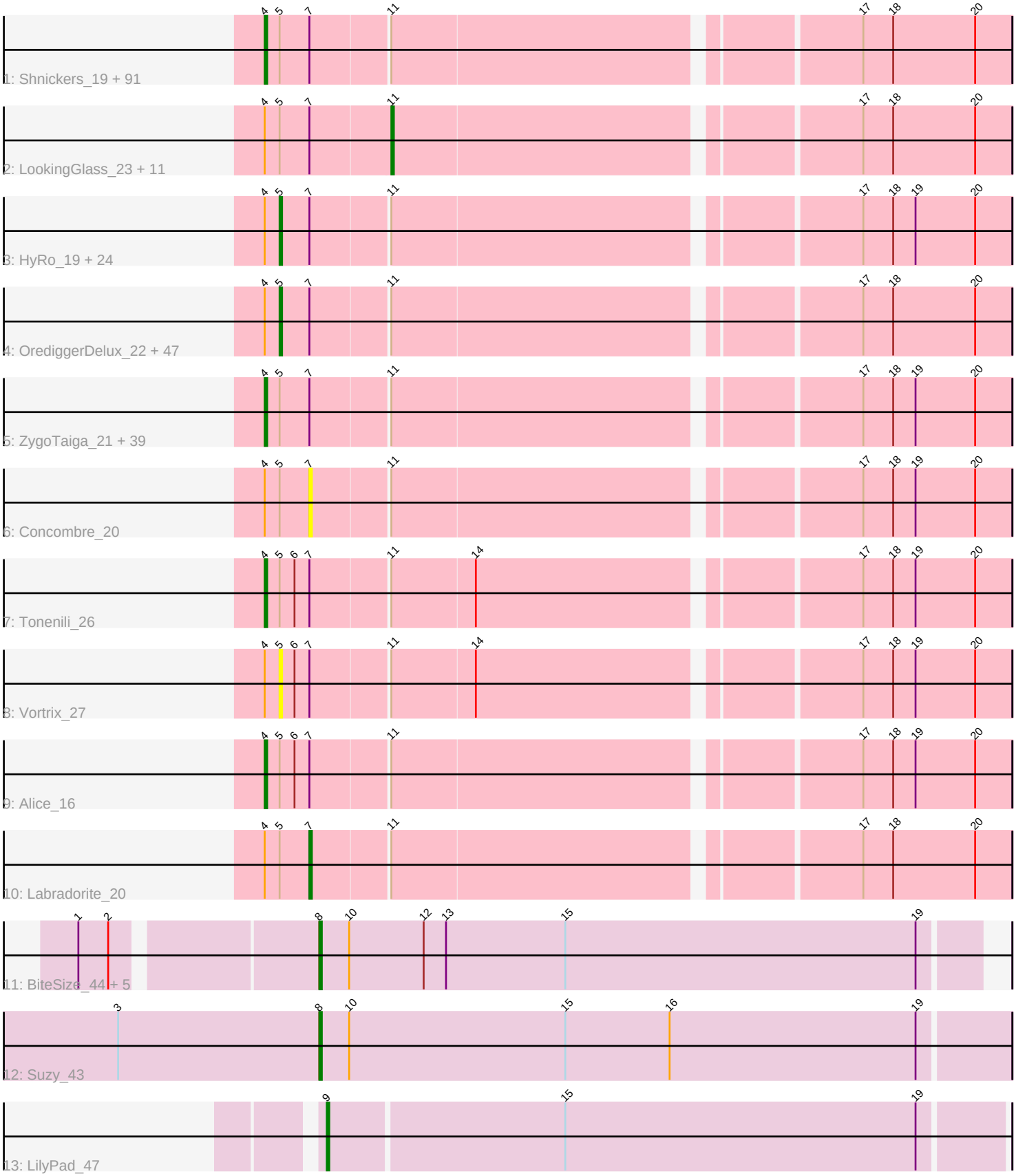
Pham 345364


1: Shnickers_19 + 91
2: LookingGlass_23 + 11
3: HyRo_19 + 24
4: OrediggerDelux_22 + 47
5: ZygoTaiga_21 + 39
6: Concombre_20
7: Tonenili_26
8: Vortrix_27
9: Alice_16
10: Labradorite_20
11: BiteSize_44 + 5
12: Suzy_43
13: LilyPad_47

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 345364 Report

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

Pham number 345364 has 230 members, 30 are drafts.

Phages represented in each track:
• Track 1 : Shnickers_19, McGee_20, CindyLou_19, Asterius_22, Rizal_19, BeanWater_16, Ghost_20, JPickles_19, GlutenPhree_20, Teardrop_19, RoMag_15, Bigswole_25, Koguma_17, BackyardAgain_18, ChaylaJr_19, Shaqnato_17, Kboogie_20, Astraea_21, Babyland_19, Jedediah_20, I3_22, LifeSavor_20, CharlieB_21, Atlantean_19, Chargie21_19, Drazdys_21, LordLeafolot_26, Phlegm_21, Pier_22, PurduePete_20, Phox_20, SrishMeg2525_20, Bangla1971_19, Domi_15, JulietS_16, Napoleon13_19, Rahel_19, ET08_17, ArcherS7_19, InigoMontoya_21, Catera_19, ShiaLabeouf_19, Bowman_21, Ronan_16, Morizzled23_19, Amataga_19, Capablanca_21, Ablatia_19, Bxz1_22, Yassified_18, Melpomini_19, Guwapp_19, BobaPhatt_20, Breeniome_20, Gabriel_20, Blubba_14, Jemmno_19, Cleatunium_17, Rabinovish_20, Darko_19, Dessert_20, StubbySaigey_20, Wally_19, Dandelion_24, SmallFry_19, Sebata_22, Phusco_19, Janiyra_19, Littleton_20, Cane17_14, BadAgartude_22, YoungMoneyMata_20, Tyke_22, Tortoise16_18, Latch_19, BananaFence_22, Duckfeet_19, Cali_22, Jezreel_19, LRRHood_19, Chomp_19, LinStu_22, Matsumoto_19, Audrick_21, Issimir_20, Lukilu_15, Specks_24, Basquiat_19, Grungle_15, Spud_23, Pio_23, DTDevon_21
• Track 2 : LookingGlass_23, LolaVinca_23, GoldenSnow_26, Pupusa_26, Rocha_19, Tainan_26, Puhon_26, Derek_20, Grasshills_24, Maguvora_27, JayJay_23, Adlitam_19
• Track 3 : HyRo_19, Fixie_18, EmToTheThree_23, Izajani_21, Jessibeth14_20, Khaleesi_20, Primadonna_16, SoilZilla_19, TinyTim_20, Norm_20, Belieber_18, Burrough_21, EasyJones_20, EmmaElysia_19, Loanshark_20, Bezza_15, Demodog_19, Delilah_20, FoxtrotP1_21, JigglyPuff_21, Iota_18, Moby_15, Flabslab_22, McWolfish_20, Ewok_20
• Track 4 : OrediggerDelux_22, Blackdragon_17, Patter_19, Naija_19, Halldule_17, Momo_19, Ngannou_19, IkeLoa_16, SilverDipper_20, Spec_19, EggyFarm_24, Essence_19, NuevoMundo_24, BigCity_24, InterFolia_26, Sprinklers_21, FrayBell_26, PharkleMinkus_26, Colt_14, JustHall_19, Turret_19, NoodleTree_19, Nidhogg_22, SiwenD96_21, Sauce_22, Mikro_19, DrPhinkDaddy_20, Quasimodo_19, QBert_19, Bipolarisk_20, Kamryn_19, Maturis_21, Naval22_23, Jaygup_19, Fludd_19, Shelob_23, DeejaClivia_17, StephanieG_21, DirtMonster_18, Pivoine_19, Mangeria_23, Gamgam_19, Ading_19, Substance289_18, ValleyTerrace_19, ChickenPhender_19, Caravan_20, Lethe_21
• Track 5 : ZygoTaiga_21, Ava3_21, Delylah_23, MoMoMixon_22, NedWong_21, Zeenon_23, Zalkecks_22, Montpel_20, Bread_21, Lee7_22, Shrimp_20, Bonray_20, Maby2021_21, Moiqah_15, Yucca_20, Pinkcreek_13, Lunareta_20, ParkTD_20,

Shifa_18, Fongie_20, Blackbrain_19, Dietrick_17, ScottMcG_22, YemiJoy2021_21, Daffodil_22, Salacia_22, Stubby_19, FudgeTart_21, ErnieJ_23, Willis_21, Nappy_22, Trinitium_19, Erdmann_21, Megamind_20, Roots515_20, Cactojaque_18, Gizmo_22, Pleione_22, MikeLiesIn_21, SVoro_20
• Track 6 : Concombre_20
• Track 7 : Tonenili_26
• Track 8 : Vortrix_27
• Track 9 : Alice_16
• Track 10 : Labradorite_20
• Track 11 : BiteSize_44, Terapin_45, Beyoncage_44, Sienna_44, Djokovic_44, Madi_44
• Track 12 : Suzy_43
• Track 13 : LilyPad_47

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

The start number called the most often in the published annotations is 4, it was called in 128 of the 200 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ablatia_19, Alice_16, Amataga_19, ArcherS7_19, Asterius_22, Astraea_21, Atlantean_19, Audrick_21, Ava3_21, Babyland_19, BackyardAgain_18, BadAgartude_22, BananaFence_22, Bangla1971_19, Basquiat_19, BeanWater_16, Bigswole_25, Blackbrain_19, Blubba_14, BobaPhatt_20, Bonray_20, Bowman_21, Bread_21, Breeniome_20, Bxz1_22, Cactojaque_18, Cali_22, Cane17_14, Capablanca_21, Catera_19, Chargie21_19, CharlieB_21, ChaylaJr_19, Chomp_19, CindyLou_19, Cleatunium_17, DTDevon_21, Daffodil_22, Dandelion_24, Darko_19, Delylah_23, Dessert_20, Dietrick_17, Domi_15, Drazdys_21, Duckfeet_19, ET08_17, Erdmann_21, ErnieJ_23, Fongie_20, FudgeTart_21, Gabriel_20, Ghost_20, Gizmo_22, GlutenPhree_20, Grungle_15, Guwapp_19, I3_22, InigoMontoya_21, Issimir_20, JPickles_19, Janiyra_19, Jedediah_20, Jemmno_19, Jezreel_19, JulietS_16, Kboogie_20, Koguma_17, LRRHood_19, Latch_19, Lee7_22, LifeSavor_20, LinStu_22, Littleton_20, LordLeafolot_26, Lukilu_15, Lunareta_20, Maby2021_21, Matsumoto_19, McGee_20, Megamind_20, Melpomini_19, MikeLiesIn_21, MoMoMixon_22, Moiqah_15, Montpel_20, Morizzled23_19, Napoleon13_19, Nappy_22, NedWong_21, ParkTD_20, Phlegm_21, Phox_20, Phusco_19, Pier_22, Pinkcreek_13, Pio_23, Pleione_22, PurduePete_20, Rabinovish_20, Rahel_19, Rizal_19, RoMag_15, Ronan_16, Roots515_20, SVoro_20, Salacia_22, ScottMcG_22, Sebata_22, Shaqnato_17, ShiaLabeouf_19, Shifa_18, Shnickers_19, Shrimp_20, SmallFry_19, Specks_24, Spud_23, SrishMeg2525_20, StubbySaigey_20, Stubby_19, Teardrop_19, Tonenili_26, Tortoise16_18, Trinitium_19, Tyke_22, Wally_19, Willis_21, Yassified_18, YemiJoy2021_21, YoungMoneyMata_20, Yucca_20, Zalkecks_22, Zeenon_23, ZygoTaiga_21,

Genes that have the "Most Annotated" start but do not call it:
• Ading_19, Adlitam_19, Belieber_18, Bezza_15, BigCity_24, Bipolarisk_20, Blackdragon_17, Burrough_21, Caravan_20, ChickenPhender_19, Colt_14, Concombre_20, DeejaClivia_17, Delilah_20, Demodog_19, Derek_20, DirtMonster_18, DrPhinkDaddy_20, EasyJones_20, EggyFarm_24,

EmToTheThree_23, EmmaElysia_19, Essence_19, Ewok_20, Fixie_18, Flabslab_22, Fludd_19, FoxtrotP1_21, FrayBell_26, Gamgam_19, GoldenSnow_26, Grasshills_24, Halldule_17, HyRo_19, IkeLoa_16, InterFolia_26, Iota_18, Izajani_21, JayJay_23, Jaygup_19, Jessibeth14_20, JigglyPuff_21, JustHall_19, Kamryn_19, Khaleesi_20, Labradorite_20, Lethe_21, Loanshark_20, LolaVinca_23, LookingGlass_23, Maguvora_27, Mangeria_23, Maturis_21, McWolfish_20, Mikro_19, Moby_15, Momo_19, Naija_19, Naval22_23, Ngannou_19, Nidhogg_22, NoodleTree_19, Norm_20, NuevoMundo_24, OrediggerDelux_22, Patter_19, PharkleMinkus_26, Pivoine_19, Primadonna_16, Puhon_26, Pupusa_26, QBert_19, Quasimodo_19, Rocha_19, Sauce_22, Shelob_23, SilverDipper_20, SiwenD96_21, SoilZilla_19, Spec_19, Sprinklers_21, StephanieG_21, Substance289_18, Tainan_26, TinyTim_20, Turret_19, ValleyTerrace_19, Vortrix_27,

Genes that do not have the "Most Annotated" start:
• Beyoncage_44, BiteSize_44, Djokovic_44, LilyPad_47, Madi_44, Sienna_44, Suzy_43, Terapin_45,

Summary by start number:

Start 4:
• Found in 222 of 230 (96.5%) of genes in pham
• Manual Annotations of this start: 128 of 200
• Called 60.4% of time when present
• Phage (with cluster) where this start called: Ablatia_19 (C1), Alice_16 (C1), Amataga_19 (C1), ArcherS7_19 (C1), Asterius_22 (C1), Astraea_21 (C1), Atlantean_19 (C1), Audrick_21 (C1), Ava3_21 (C1), Babyland_19 (C1), BackyardAgain_18 (C1), BadAgartude_22 (C1), BananaFence_22 (C1), Bangla1971_19 (C1), Basquiat_19 (C1), BeanWater_16 (C1), Bigswole_25 (C1), Blackbrain_19 (C1), Blubba_14 (C1), BobaPhatt_20 (C1), Bonray_20 (C1), Bowman_21 (C1), Bread_21 (C1), Breeniome_20 (C1), Bxz1_22 (C1), Cactojaque_18 (C1), Cali_22 (C1), Cane17_14 (C1), Capablanca_21 (C1), Catera_19 (C1), Chargie21_19 (C1), CharlieB_21 (C1), ChaylaJr_19 (C1), Chomp_19 (C1), CindyLou_19 (C1), Cleatunium_17 (C1), DTDevon_21 (C1), Daffodil_22 (C1), Dandelion_24 (C1), Darko_19 (C1), Delylah_23 (C1), Dessert_20 (C1), Dietrick_17 (C1), Domi_15 (C1), Drazdys_21 (C1), Duckfeet_19 (C1), ET08_17 (C1), Erdmann_21 (C1), ErnieJ_23 (C1), Fongie_20 (C1), FudgeTart_21 (C1), Gabriel_20 (C1), Ghost_20 (C1), Gizmo_22 (C1), GlutenPhree_20 (C1), Grungle_15 (C1), Guwapp_19 (C1), I3_22 (C1), InigoMontoya_21 (C1), Issimir_20 (C1), JPickles_19 (C1), Janiyra_19 (C1), Jedediah_20 (C1), Jemmno_19 (C1), Jezreel_19 (C1), JulietS_16 (C1), Kboogie_20 (C1), Koguma_17 (C1), LRRHood_19 (C1), Latch_19 (C1), Lee7_22 (C1), LifeSavor_20 (C1), LinStu_22 (C1), Littleton_20 (C1), LordLeafolot_26 (C1), Lukilu_15 (C1), Lunareta_20 (C1), Maby2021_21 (C1), Matsumoto_19 (C1), McGee_20 (C1), Megamind_20 (C1), Melpomini_19 (C1), MikeLiesIn_21 (C1), MoMoMixon_22 (C1), Moiqah_15 (C1), Montpel_20 (C1), Morizzled23_19 (C1), Napoleon13_19 (C1), Nappy_22 (C1), NedWong_21 (C1), ParkTD_20 (C1), Phlegm_21 (C1), Phox_20 (C1), Phusco_19 (C1), Pier_22 (C1), Pinkcreek_13 (C1), Pio_23 (C1), Pleione_22 (C1), PurduePete_20 (C1), Rabinovish_20 (C1), Rahel_19 (C1), Rizal_19 (C1), RoMag_15 (C1), Ronan_16 (C1), Roots515_20 (C1), SVoro_20 (C1), Salacia_22 (C1), ScottMcG_22 (C1), Sebata_22 (C1), Shaqnato_17 (C1), ShiaLabeouf_19 (C1), Shifa_18 (C1), Shnickers_19 (C1), Shrimp_20 (C1), SmallFry_19 (C1), Specks_24 (C1), Spud_23 (C1), SrishMeg2525_20 (C1), StubbySaigey_20 (C1), Stubby_19 (C1), Teardrop_19 (C1), Tonenili_26 (C1), Tortoise16_18 (C1), Trinitium_19 (C1), Tyke_22 (C1), Wally_19

(C1), Willis_21 (C1), Yassified_18 (C1), YemiJoy2021_21 (C1), YoungMoneyMata_20 (C1), Yucca_20 (C1), Zalkecks_22 (C1), Zeenon_23 (C1), ZygoTaiga_21 (C1),

Start 5:
• Found in 222 of 230 (96.5%) of genes in pham
• Manual Annotations of this start: 59 of 200
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Ading_19 (C1), Belieber_18 (C1), Bezza_15 (C1), BigCity_24 (C1), Bipolarisk_20 (C1), Blackdragon_17 (C1), Burrough_21 (C1), Caravan_20 (C1), ChickenPhender_19 (C1), Colt_14 (C1), DeejaClivia_17 (C1), Delilah_20 (C1), Demodog_19 (C1), DirtMonster_18 (C1), DrPhinkDaddy_20 (C1), EasyJones_20 (C1), EggyFarm_24 (C1), EmToTheThree_23 (C1), EmmaElysia_19 (C1), Essence_19 (C1), Ewok_20 (C1), Fixie_18 (C1), Flabslab_22 (C1), Fludd_19 (C1), FoxtrotP1_21 (C1), FrayBell_26 (C1), Gamgam_19 (C1), Halldule_17 (C1), HyRo_19 (C1), IkeLoa_16 (C1), InterFolia_26 (C1), Iota_18 (C1), Izajani_21 (C1), Jaygup_19 (C1), Jessibeth14_20 (C1), JigglyPuff_21 (C1), JustHall_19 (C1), Kamryn_19 (C1), Khaleesi_20 (C1), Lethe_21 (C1), Loanshark_20 (C1), Mangeria_23 (C1), Maturis_21 (C1), McWolfish_20 (C1), Mikro_19 (C1), Moby_15 (C1), Momo_19 (C1), Naija_19 (C1), Naval22_23 (C1), Ngannou_19 (C1), Nidhogg_22 (C1), NoodleTree_19 (C1), Norm_20 (C1), NuevoMundo_24 (C1), OrediggerDelux_22 (C1), Patter_19 (C1), PharkleMinkus_26 (C1), Pivoine_19 (C1), Primadonna_16 (C1), QBert_19 (C1), Quasimodo_19 (C1), Sauce_22 (C1), Shelob_23 (C1), SilverDipper_20 (C1), SiwenD96_21 (C1), SoilZilla_19 (C1), Spec_19 (C1), Sprinklers_21 (C1), StephanieG_21 (C1), Substance289_18 (C1), TinyTim_20 (C1), Turret_19 (C1), ValleyTerrace_19 (C1), Vortrix_27 (C1),

Start 7:
• Found in 222 of 230 (96.5%) of genes in pham
• Manual Annotations of this start: 1 of 200
• Called 0.9% of time when present
• Phage (with cluster) where this start called: Concombre_20 (C1), Labradorite_20 (C1),

Start 8:
• Found in 7 of 230 (3.0%) of genes in pham
• Manual Annotations of this start: 7 of 200
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beyoncage_44 (DG1), BiteSize_44 (DG1), Djokovic_44 (DG1), Madi_44 (DG1), Sienna_44 (DG1), Suzy_43 (DG1), Terapin_45 (DG1),

Start 9:
• Found in 1 of 230 (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: LilyPad_47 (DG1),

Start 11:
• Found in 222 of 230 (96.5%) of genes in pham
• Manual Annotations of this start: 4 of 200
• Called 5.4% of time when present
• Phage (with cluster) where this start called: Adlitam_19 (C1), Derek_20 (C1), GoldenSnow_26 (C1), Grasshills_24 (C1), JayJay_23 (C1), LolaVinca_23 (C1),

LookingGlass_23 (C1), Maguvora_27 (C1), Puhon_26 (C1), Pupusa_26 (C1), Rocha_19 (C1), Tainan_26 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: C1, DG1,

Info for manual annotations of cluster C1:
•Start number 4 was manually annotated 128 times for cluster C1.
•Start number 5 was manually annotated 59 times for cluster C1.
•Start number 7 was manually annotated 1 time for cluster C1.
•Start number 11 was manually annotated 4 times for cluster C1.

Info for manual annotations of cluster DG1:
•Start number 8 was manually annotated 7 times for cluster DG1.
•Start number 9 was manually annotated 1 time for cluster DG1.

Gene Information:

Gene: Ablatia_19 Start: 6029, Stop: 6313, Start Num: 4
Candidate Starts for Ablatia_19:
(Start: 4 @6029 has 128 MA's), (Start: 5 @6035 has 59 MA's), (Start: 7 @6047 has 1 MA's), (Start: 11 @6077 has 4 MA's), (17, 6254), (18, 6266), (20, 6299),

Gene: Ading_19 Start: 6012, Stop: 6290, Start Num: 5
Candidate Starts for Ading_19:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: Adlitam_19 Start: 6071, Stop: 6307, Start Num: 11
Candidate Starts for Adlitam_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Alice_16 Start: 5898, Stop: 6182, Start Num: 4
Candidate Starts for Alice_16:
(Start: 4 @5898 has 128 MA's), (Start: 5 @5904 has 59 MA's), (6, 5910), (Start: 7 @5916 has 1 MA's), (Start: 11 @5946 has 4 MA's), (17, 6123), (18, 6135), (19, 6144), (20, 6168),

Gene: Amataga_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Amataga_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: ArcherS7_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for ArcherS7_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Asterius_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Asterius_22:

(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: Astraea_21 Start: 6744, Stop: 7028, Start Num: 4
Candidate Starts for Astraea_21:
(Start: 4 @6744 has 128 MA's), (Start: 5 @6750 has 59 MA's), (Start: 7 @6762 has 1 MA's), (Start: 11 @6792 has 4 MA's), (17, 6969), (18, 6981), (20, 7014),

Gene: Atlantean_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Atlantean_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Audrick_21 Start: 6006, Stop: 6290, Start Num: 4
Candidate Starts for Audrick_21:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: Ava3_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Ava3_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Babyland_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Babyland_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: BackyardAgain_18 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for BackyardAgain_18:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: BadAgartude_22 Start: 7465, Stop: 7749, Start Num: 4
Candidate Starts for BadAgartude_22:
(Start: 4 @7465 has 128 MA's), (Start: 5 @7471 has 59 MA's), (Start: 7 @7483 has 1 MA's), (Start: 11 @7513 has 4 MA's), (17, 7690), (18, 7702), (20, 7735),

Gene: BananaFence_22 Start: 7030, Stop: 7314, Start Num: 4
Candidate Starts for BananaFence_22:
(Start: 4 @7030 has 128 MA's), (Start: 5 @7036 has 59 MA's), (Start: 7 @7048 has 1 MA's), (Start: 11 @7078 has 4 MA's), (17, 7255), (18, 7267), (20, 7300),

Gene: Bangla1971_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Bangla1971_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Basquiat_19 Start: 6008, Stop: 6292, Start Num: 4
Candidate Starts for Basquiat_19:
(Start: 4 @6008 has 128 MA's), (Start: 5 @6014 has 59 MA's), (Start: 7 @6026 has 1 MA's), (Start: 11 @6056 has 4 MA's), (17, 6233), (18, 6245), (20, 6278),

Gene: BeanWater_16 Start: 6447, Stop: 6731, Start Num: 4
Candidate Starts for BeanWater_16:
(Start: 4 @6447 has 128 MA's), (Start: 5 @6453 has 59 MA's), (Start: 7 @6465 has 1 MA's), (Start: 11 @6495 has 4 MA's), (17, 6672), (18, 6684), (20, 6717),

Gene: Belieber_18 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for Belieber_18:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (19, 6273), (20, 6297),

Gene: Beyoncage_44 Start: 34762, Stop: 35025, Start Num: 8
Candidate Starts for Beyoncage_44:
(1, 34675), (2, 34687), (Start: 8 @34762 has 7 MA's), (10, 34774), (12, 34804), (13, 34813), (15, 34861), (19, 35002),

Gene: Bezza_15 Start: 5904, Stop: 6182, Start Num: 5
Candidate Starts for Bezza_15:
(Start: 4 @5898 has 128 MA's), (Start: 5 @5904 has 59 MA's), (Start: 7 @5916 has 1 MA's), (Start: 11 @5946 has 4 MA's), (17, 6123), (18, 6135), (19, 6144), (20, 6168),

Gene: BigCity_24 Start: 8403, Stop: 8681, Start Num: 5
Candidate Starts for BigCity_24:
(Start: 4 @8397 has 128 MA's), (Start: 5 @8403 has 59 MA's), (Start: 7 @8415 has 1 MA's), (Start: 11 @8445 has 4 MA's), (17, 8622), (18, 8634), (20, 8667),

Gene: Bigswole_25 Start: 8460, Stop: 8744, Start Num: 4
Candidate Starts for Bigswole_25:
(Start: 4 @8460 has 128 MA's), (Start: 5 @8466 has 59 MA's), (Start: 7 @8478 has 1 MA's), (Start: 11 @8508 has 4 MA's), (17, 8685), (18, 8697), (20, 8730),

Gene: Bipolarisk_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Bipolarisk_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: BiteSize_44 Start: 34848, Stop: 35111, Start Num: 8
Candidate Starts for BiteSize_44:
(1, 34761), (2, 34773), (Start: 8 @34848 has 7 MA's), (10, 34860), (12, 34890), (13, 34899), (15, 34947), (19, 35088),

Gene: Blackbrain_19 Start: 6068, Stop: 6352, Start Num: 4
Candidate Starts for Blackbrain_19:
(Start: 4 @6068 has 128 MA's), (Start: 5 @6074 has 59 MA's), (Start: 7 @6086 has 1 MA's), (Start: 11 @6116 has 4 MA's), (17, 6293), (18, 6305), (19, 6314), (20, 6338),

Gene: Blackdragon_17 Start: 5880, Stop: 6158, Start Num: 5
Candidate Starts for Blackdragon_17:
(Start: 4 @5874 has 128 MA's), (Start: 5 @5880 has 59 MA's), (Start: 7 @5892 has 1 MA's), (Start: 11 @5922 has 4 MA's), (17, 6099), (18, 6111), (20, 6144),

Gene: Blubba_14 Start: 5479, Stop: 5763, Start Num: 4
Candidate Starts for Blubba_14:

(Start: 4 @5479 has 128 MA's), (Start: 5 @5485 has 59 MA's), (Start: 7 @5497 has 1 MA's), (Start: 11 @5527 has 4 MA's), (17, 5704), (18, 5716), (20, 5749),

Gene: BobaPhatt_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for BobaPhatt_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Bonray_20 Start: 7131, Stop: 7415, Start Num: 4
Candidate Starts for Bonray_20:
(Start: 4 @7131 has 128 MA's), (Start: 5 @7137 has 59 MA's), (Start: 7 @7149 has 1 MA's), (Start: 11 @7179 has 4 MA's), (17, 7356), (18, 7368), (19, 7377), (20, 7401),

Gene: Bowman_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Bowman_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: Bread_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Bread_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Breeniome_20 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Breeniome_20:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Burrough_21 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Burrough_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Bxz1_22 Start: 7570, Stop: 7854, Start Num: 4
Candidate Starts for Bxz1_22:
(Start: 4 @7570 has 128 MA's), (Start: 5 @7576 has 59 MA's), (Start: 7 @7588 has 1 MA's), (Start: 11 @7618 has 4 MA's), (17, 7795), (18, 7807), (20, 7840),

Gene: Cactojaque_18 Start: 5957, Stop: 6241, Start Num: 4
Candidate Starts for Cactojaque_18:
(Start: 4 @5957 has 128 MA's), (Start: 5 @5963 has 59 MA's), (Start: 7 @5975 has 1 MA's), (Start: 11 @6005 has 4 MA's), (17, 6182), (18, 6194), (19, 6203), (20, 6227),

Gene: Cali_22 Start: 8441, Stop: 8725, Start Num: 4
Candidate Starts for Cali_22:
(Start: 4 @8441 has 128 MA's), (Start: 5 @8447 has 59 MA's), (Start: 7 @8459 has 1 MA's), (Start: 11 @8489 has 4 MA's), (17, 8666), (18, 8678), (20, 8711),

Gene: Cane17_14 Start: 5479, Stop: 5763, Start Num: 4
Candidate Starts for Cane17_14:
(Start: 4 @5479 has 128 MA's), (Start: 5 @5485 has 59 MA's), (Start: 7 @5497 has 1 MA's), (Start: 11 @5527 has 4 MA's), (17, 5704), (18, 5716), (20, 5749),

Gene: Capablanca_21 Start: 7152, Stop: 7436, Start Num: 4
Candidate Starts for Capablanca_21:
(Start: 4 @7152 has 128 MA's), (Start: 5 @7158 has 59 MA's), (Start: 7 @7170 has 1 MA's), (Start: 11 @7200 has 4 MA's), (17, 7377), (18, 7389), (20, 7422),

Gene: Caravan_20 Start: 6417, Stop: 6695, Start Num: 5
Candidate Starts for Caravan_20:
(Start: 4 @6411 has 128 MA's), (Start: 5 @6417 has 59 MA's), (Start: 7 @6429 has 1 MA's), (Start: 11 @6459 has 4 MA's), (17, 6636), (18, 6648), (20, 6681),

Gene: Catera_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Catera_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Chargie21_19 Start: 6008, Stop: 6292, Start Num: 4
Candidate Starts for Chargie21_19:
(Start: 4 @6008 has 128 MA's), (Start: 5 @6014 has 59 MA's), (Start: 7 @6026 has 1 MA's), (Start: 11 @6056 has 4 MA's), (17, 6233), (18, 6245), (20, 6278),

Gene: CharlieB_21 Start: 6406, Stop: 6690, Start Num: 4
Candidate Starts for CharlieB_21:
(Start: 4 @6406 has 128 MA's), (Start: 5 @6412 has 59 MA's), (Start: 7 @6424 has 1 MA's), (Start: 11 @6454 has 4 MA's), (17, 6631), (18, 6643), (20, 6676),

Gene: ChaylaJr_19 Start: 6095, Stop: 6379, Start Num: 4
Candidate Starts for ChaylaJr_19:
(Start: 4 @6095 has 128 MA's), (Start: 5 @6101 has 59 MA's), (Start: 7 @6113 has 1 MA's), (Start: 11 @6143 has 4 MA's), (17, 6320), (18, 6332), (20, 6365),

Gene: ChickenPhender_19 Start: 6059, Stop: 6337, Start Num: 5
Candidate Starts for ChickenPhender_19:
(Start: 4 @6053 has 128 MA's), (Start: 5 @6059 has 59 MA's), (Start: 7 @6071 has 1 MA's), (Start: 11 @6101 has 4 MA's), (17, 6278), (18, 6290), (20, 6323),

Gene: Chomp_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Chomp_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: CindyLou_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for CindyLou_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Cleatunium_17 Start: 6299, Stop: 6583, Start Num: 4
Candidate Starts for Cleatunium_17:
(Start: 4 @6299 has 128 MA's), (Start: 5 @6305 has 59 MA's), (Start: 7 @6317 has 1 MA's), (Start: 11 @6347 has 4 MA's), (17, 6524), (18, 6536), (20, 6569),

Gene: Colt_14 Start: 5491, Stop: 5769, Start Num: 5
Candidate Starts for Colt_14:

(Start: 4 @5485 has 128 MA's), (Start: 5 @5491 has 59 MA's), (Start: 7 @5503 has 1 MA's), (Start: 11 @5533 has 4 MA's), (17, 5710), (18, 5722), (20, 5755),

Gene: Concombre_20 Start: 7111, Stop: 7377, Start Num: 7
Candidate Starts for Concombre_20:
(Start: 4 @7093 has 128 MA's), (Start: 5 @7099 has 59 MA's), (Start: 7 @7111 has 1 MA's), (Start: 11 @7141 has 4 MA's), (17, 7318), (18, 7330), (19, 7339), (20, 7363),

Gene: DTDevon_21 Start: 7191, Stop: 7475, Start Num: 4
Candidate Starts for DTDevon_21:
(Start: 4 @7191 has 128 MA's), (Start: 5 @7197 has 59 MA's), (Start: 7 @7209 has 1 MA's), (Start: 11 @7239 has 4 MA's), (17, 7416), (18, 7428), (20, 7461),

Gene: Daffodil_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Daffodil_22:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Dandelion_24 Start: 7920, Stop: 8204, Start Num: 4
Candidate Starts for Dandelion_24:
(Start: 4 @7920 has 128 MA's), (Start: 5 @7926 has 59 MA's), (Start: 7 @7938 has 1 MA's), (Start: 11 @7968 has 4 MA's), (17, 8145), (18, 8157), (20, 8190),

Gene: Darko_19 Start: 6999, Stop: 7283, Start Num: 4
Candidate Starts for Darko_19:
(Start: 4 @6999 has 128 MA's), (Start: 5 @7005 has 59 MA's), (Start: 7 @7017 has 1 MA's), (Start: 11 @7047 has 4 MA's), (17, 7224), (18, 7236), (20, 7269),

Gene: DeejaClivia_17 Start: 5922, Stop: 6200, Start Num: 5
Candidate Starts for DeejaClivia_17:
(Start: 4 @5916 has 128 MA's), (Start: 5 @5922 has 59 MA's), (Start: 7 @5934 has 1 MA's), (Start: 11 @5964 has 4 MA's), (17, 6141), (18, 6153), (20, 6186),

Gene: Delilah_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Delilah_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Delylah_23 Start: 7164, Stop: 7448, Start Num: 4
Candidate Starts for Delylah_23:
(Start: 4 @7164 has 128 MA's), (Start: 5 @7170 has 59 MA's), (Start: 7 @7182 has 1 MA's), (Start: 11 @7212 has 4 MA's), (17, 7389), (18, 7401), (19, 7410), (20, 7434),

Gene: Demodog_19 Start: 7099, Stop: 7377, Start Num: 5
Candidate Starts for Demodog_19:
(Start: 4 @7093 has 128 MA's), (Start: 5 @7099 has 59 MA's), (Start: 7 @7111 has 1 MA's), (Start: 11 @7141 has 4 MA's), (17, 7318), (18, 7330), (19, 7339), (20, 7363),

Gene: Derek_20 Start: 6071, Stop: 6307, Start Num: 11
Candidate Starts for Derek_20:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Dessert_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Dessert_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Dietrick_17 Start: 6025, Stop: 6309, Start Num: 4
Candidate Starts for Dietrick_17:
(Start: 4 @6025 has 128 MA's), (Start: 5 @6031 has 59 MA's), (Start: 7 @6043 has 1 MA's), (Start: 11 @6073 has 4 MA's), (17, 6250), (18, 6262), (19, 6271), (20, 6295),

Gene: DirtMonster_18 Start: 7158, Stop: 7436, Start Num: 5
Candidate Starts for DirtMonster_18:
(Start: 4 @7152 has 128 MA's), (Start: 5 @7158 has 59 MA's), (Start: 7 @7170 has 1 MA's), (Start: 11 @7200 has 4 MA's), (17, 7377), (18, 7389), (20, 7422),

Gene: Djokovic_44 Start: 34761, Stop: 35024, Start Num: 8
Candidate Starts for Djokovic_44:
(1, 34674), (2, 34686), (Start: 8 @34761 has 7 MA's), (10, 34773), (12, 34803), (13, 34812), (15, 34860), (19, 35001),

Gene: Domi_15 Start: 6142, Stop: 6426, Start Num: 4
Candidate Starts for Domi_15:
(Start: 4 @6142 has 128 MA's), (Start: 5 @6148 has 59 MA's), (Start: 7 @6160 has 1 MA's), (Start: 11 @6190 has 4 MA's), (17, 6367), (18, 6379), (20, 6412),

Gene: DrPhinkDaddy_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for DrPhinkDaddy_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: Drazdys_21 Start: 6892, Stop: 7176, Start Num: 4
Candidate Starts for Drazdys_21:
(Start: 4 @6892 has 128 MA's), (Start: 5 @6898 has 59 MA's), (Start: 7 @6910 has 1 MA's), (Start: 11 @6940 has 4 MA's), (17, 7117), (18, 7129), (20, 7162),

Gene: Duckfeet_19 Start: 6567, Stop: 6851, Start Num: 4
Candidate Starts for Duckfeet_19:
(Start: 4 @6567 has 128 MA's), (Start: 5 @6573 has 59 MA's), (Start: 7 @6585 has 1 MA's), (Start: 11 @6615 has 4 MA's), (17, 6792), (18, 6804), (20, 6837),

Gene: ET08_17 Start: 6834, Stop: 7118, Start Num: 4
Candidate Starts for ET08_17:
(Start: 4 @6834 has 128 MA's), (Start: 5 @6840 has 59 MA's), (Start: 7 @6852 has 1 MA's), (Start: 11 @6882 has 4 MA's), (17, 7059), (18, 7071), (20, 7104),

Gene: EasyJones_20 Start: 6014, Stop: 6292, Start Num: 5
Candidate Starts for EasyJones_20:
(Start: 4 @6008 has 128 MA's), (Start: 5 @6014 has 59 MA's), (Start: 7 @6026 has 1 MA's), (Start: 11 @6056 has 4 MA's), (17, 6233), (18, 6245), (19, 6254), (20, 6278),

Gene: EggyFarm_24 Start: 8403, Stop: 8681, Start Num: 5
Candidate Starts for EggyFarm_24:

(Start: 4 @8397 has 128 MA's), (Start: 5 @8403 has 59 MA's), (Start: 7 @8415 has 1 MA's), (Start: 11 @8445 has 4 MA's), (17, 8622), (18, 8634), (20, 8667),

Gene: EmToTheThree_23 Start: 8557, Stop: 8835, Start Num: 5
Candidate Starts for EmToTheThree_23:
(Start: 4 @8551 has 128 MA's), (Start: 5 @8557 has 59 MA's), (Start: 7 @8569 has 1 MA's), (Start: 11 @8599 has 4 MA's), (17, 8776), (18, 8788), (19, 8797), (20, 8821),

Gene: EmmaElysia_19 Start: 6029, Stop: 6307, Start Num: 5
Candidate Starts for EmmaElysia_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (19, 6269), (20, 6293),

Gene: Erdmann_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Erdmann_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: ErnieJ_23 Start: 7198, Stop: 7482, Start Num: 4
Candidate Starts for ErnieJ_23:
(Start: 4 @7198 has 128 MA's), (Start: 5 @7204 has 59 MA's), (Start: 7 @7216 has 1 MA's), (Start: 11 @7246 has 4 MA's), (17, 7423), (18, 7435), (19, 7444), (20, 7468),

Gene: Essence_19 Start: 6029, Stop: 6307, Start Num: 5
Candidate Starts for Essence_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Ewok_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Ewok_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Fixie_18 Start: 6014, Stop: 6292, Start Num: 5
Candidate Starts for Fixie_18:
(Start: 4 @6008 has 128 MA's), (Start: 5 @6014 has 59 MA's), (Start: 7 @6026 has 1 MA's), (Start: 11 @6056 has 4 MA's), (17, 6233), (18, 6245), (19, 6254), (20, 6278),

Gene: Flabslab_22 Start: 7303, Stop: 7581, Start Num: 5
Candidate Starts for Flabslab_22:
(Start: 4 @7297 has 128 MA's), (Start: 5 @7303 has 59 MA's), (Start: 7 @7315 has 1 MA's), (Start: 11 @7345 has 4 MA's), (17, 7522), (18, 7534), (19, 7543), (20, 7567),

Gene: Fludd_19 Start: 6015, Stop: 6293, Start Num: 5
Candidate Starts for Fludd_19:
(Start: 4 @6009 has 128 MA's), (Start: 5 @6015 has 59 MA's), (Start: 7 @6027 has 1 MA's), (Start: 11 @6057 has 4 MA's), (17, 6234), (18, 6246), (20, 6279),

Gene: Fongie_20 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Fongie_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: FoxtrotP1_21 Start: 7702, Stop: 7980, Start Num: 5
Candidate Starts for FoxtrotP1_21:
(Start: 4 @7696 has 128 MA's), (Start: 5 @7702 has 59 MA's), (Start: 7 @7714 has 1 MA's), (Start: 11 @7744 has 4 MA's), (17, 7921), (18, 7933), (19, 7942), (20, 7966),

Gene: FrayBell_26 Start: 8723, Stop: 9001, Start Num: 5
Candidate Starts for FrayBell_26:
(Start: 4 @8717 has 128 MA's), (Start: 5 @8723 has 59 MA's), (Start: 7 @8735 has 1 MA's), (Start: 11 @8765 has 4 MA's), (17, 8942), (18, 8954), (20, 8987),

Gene: FudgeTart_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for FudgeTart_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Gabriel_20 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Gabriel_20:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Gamgam_19 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for Gamgam_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Ghost_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Ghost_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Gizmo_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Gizmo_22:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: GlutenPhree_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for GlutenPhree_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: GoldenSnow_26 Start: 8764, Stop: 9000, Start Num: 11
Candidate Starts for GoldenSnow_26:
(Start: 4 @8716 has 128 MA's), (Start: 5 @8722 has 59 MA's), (Start: 7 @8734 has 1 MA's), (Start: 11 @8764 has 4 MA's), (17, 8941), (18, 8953), (20, 8986),

Gene: Grasshills_24 Start: 8445, Stop: 8681, Start Num: 11
Candidate Starts for Grasshills_24:
(Start: 4 @8397 has 128 MA's), (Start: 5 @8403 has 59 MA's), (Start: 7 @8415 has 1 MA's), (Start: 11 @8445 has 4 MA's), (17, 8622), (18, 8634), (20, 8667),

Gene: Grungle_15 Start: 4976, Stop: 5260, Start Num: 4
Candidate Starts for Grungle_15:

(Start: 4 @4976 has 128 MA's), (Start: 5 @4982 has 59 MA's), (Start: 7 @4994 has 1 MA's), (Start: 11 @5024 has 4 MA's), (17, 5201), (18, 5213), (20, 5246),

Gene: Guwapp_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Guwapp_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Halldule_17 Start: 5625, Stop: 5903, Start Num: 5
Candidate Starts for Halldule_17:
(Start: 4 @5619 has 128 MA's), (Start: 5 @5625 has 59 MA's), (Start: 7 @5637 has 1 MA's), (Start: 11 @5667 has 4 MA's), (17, 5844), (18, 5856), (20, 5889),

Gene: HyRo_19 Start: 7039, Stop: 7317, Start Num: 5
Candidate Starts for HyRo_19:
(Start: 4 @7033 has 128 MA's), (Start: 5 @7039 has 59 MA's), (Start: 7 @7051 has 1 MA's), (Start: 11 @7081 has 4 MA's), (17, 7258), (18, 7270), (19, 7279), (20, 7303),

Gene: I3_22 Start: 7686, Stop: 7970, Start Num: 4
Candidate Starts for I3_22:
(Start: 4 @7686 has 128 MA's), (Start: 5 @7692 has 59 MA's), (Start: 7 @7704 has 1 MA's), (Start: 11 @7734 has 4 MA's), (17, 7911), (18, 7923), (20, 7956),

Gene: IkeLoa_16 Start: 6159, Stop: 6437, Start Num: 5
Candidate Starts for IkeLoa_16:
(Start: 4 @6153 has 128 MA's), (Start: 5 @6159 has 59 MA's), (Start: 7 @6171 has 1 MA's), (Start: 11 @6201 has 4 MA's), (17, 6378), (18, 6390), (20, 6423),

Gene: InigoMontoya_21 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for InigoMontoya_21:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: InterFolia_26 Start: 8720, Stop: 8998, Start Num: 5
Candidate Starts for InterFolia_26:
(Start: 4 @8714 has 128 MA's), (Start: 5 @8720 has 59 MA's), (Start: 7 @8732 has 1 MA's), (Start: 11 @8762 has 4 MA's), (17, 8939), (18, 8951), (20, 8984),

Gene: Iota_18 Start: 6922, Stop: 7200, Start Num: 5
Candidate Starts for Iota_18:
(Start: 4 @6916 has 128 MA's), (Start: 5 @6922 has 59 MA's), (Start: 7 @6934 has 1 MA's), (Start: 11 @6964 has 4 MA's), (17, 7141), (18, 7153), (19, 7162), (20, 7186),

Gene: Issimir_20 Start: 7131, Stop: 7415, Start Num: 4
Candidate Starts for Issimir_20:
(Start: 4 @7131 has 128 MA's), (Start: 5 @7137 has 59 MA's), (Start: 7 @7149 has 1 MA's), (Start: 11 @7179 has 4 MA's), (17, 7356), (18, 7368), (20, 7401),

Gene: Izajani_21 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Izajani_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: JPickles_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for JPickles_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Janiyra_19 Start: 6006, Stop: 6290, Start Num: 4
Candidate Starts for Janiyra_19:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: JayJay_23 Start: 7162, Stop: 7398, Start Num: 11
Candidate Starts for JayJay_23:
(Start: 4 @7114 has 128 MA's), (Start: 5 @7120 has 59 MA's), (Start: 7 @7132 has 1 MA's), (Start: 11 @7162 has 4 MA's), (17, 7339), (18, 7351), (20, 7384),

Gene: Jaygup_19 Start: 6029, Stop: 6307, Start Num: 5
Candidate Starts for Jaygup_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Jedediah_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Jedediah_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Jemmno_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Jemmno_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Jessibeth14_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Jessibeth14_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Jezreel_19 Start: 6354, Stop: 6638, Start Num: 4
Candidate Starts for Jezreel_19:
(Start: 4 @6354 has 128 MA's), (Start: 5 @6360 has 59 MA's), (Start: 7 @6372 has 1 MA's), (Start: 11 @6402 has 4 MA's), (17, 6579), (18, 6591), (20, 6624),

Gene: JigglyPuff_21 Start: 7148, Stop: 7426, Start Num: 5
Candidate Starts for JigglyPuff_21:
(Start: 4 @7142 has 128 MA's), (Start: 5 @7148 has 59 MA's), (Start: 7 @7160 has 1 MA's), (Start: 11 @7190 has 4 MA's), (17, 7367), (18, 7379), (19, 7388), (20, 7412),

Gene: JulietS_16 Start: 5252, Stop: 5536, Start Num: 4
Candidate Starts for JulietS_16:
(Start: 4 @5252 has 128 MA's), (Start: 5 @5258 has 59 MA's), (Start: 7 @5270 has 1 MA's), (Start: 11 @5300 has 4 MA's), (17, 5477), (18, 5489), (20, 5522),

Gene: JustHall_19 Start: 7028, Stop: 7306, Start Num: 5
Candidate Starts for JustHall_19:

(Start: 4 @7022 has 128 MA's), (Start: 5 @7028 has 59 MA's), (Start: 7 @7040 has 1 MA's), (Start: 11 @7070 has 4 MA's), (17, 7247), (18, 7259), (20, 7292),

Gene: Kamryn_19 Start: 6363, Stop: 6641, Start Num: 5
Candidate Starts for Kamryn_19:
(Start: 4 @6357 has 128 MA's), (Start: 5 @6363 has 59 MA's), (Start: 7 @6375 has 1 MA's), (Start: 11 @6405 has 4 MA's), (17, 6582), (18, 6594), (20, 6627),

Gene: Kboogie_20 Start: 6025, Stop: 6309, Start Num: 4
Candidate Starts for Kboogie_20:
(Start: 4 @6025 has 128 MA's), (Start: 5 @6031 has 59 MA's), (Start: 7 @6043 has 1 MA's), (Start: 11 @6073 has 4 MA's), (17, 6250), (18, 6262), (20, 6295),

Gene: Khaleesi_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Khaleesi_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Koguma_17 Start: 5619, Stop: 5903, Start Num: 4
Candidate Starts for Koguma_17:
(Start: 4 @5619 has 128 MA's), (Start: 5 @5625 has 59 MA's), (Start: 7 @5637 has 1 MA's), (Start: 11 @5667 has 4 MA's), (17, 5844), (18, 5856), (20, 5889),

Gene: LRRHood_19 Start: 7545, Stop: 7829, Start Num: 4
Candidate Starts for LRRHood_19:
(Start: 4 @7545 has 128 MA's), (Start: 5 @7551 has 59 MA's), (Start: 7 @7563 has 1 MA's), (Start: 11 @7593 has 4 MA's), (17, 7770), (18, 7782), (20, 7815),

Gene: Labradorite_20 Start: 6041, Stop: 6307, Start Num: 7
Candidate Starts for Labradorite_20:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Latch_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Latch_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Lee7_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Lee7_22:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Lethe_21 Start: 7083, Stop: 7361, Start Num: 5
Candidate Starts for Lethe_21:
(Start: 4 @7077 has 128 MA's), (Start: 5 @7083 has 59 MA's), (Start: 7 @7095 has 1 MA's), (Start: 11 @7125 has 4 MA's), (17, 7302), (18, 7314), (20, 7347),

Gene: LifeSavor_20 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for LifeSavor_20:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: LilyPad_47 Start: 36134, Stop: 36400, Start Num: 9
Candidate Starts for LilyPad_47:
(Start: 9 @36134 has 1 MA's), (15, 36227), (19, 36368),

Gene: LinStu_22 Start: 7728, Stop: 8012, Start Num: 4
Candidate Starts for LinStu_22:
(Start: 4 @7728 has 128 MA's), (Start: 5 @7734 has 59 MA's), (Start: 7 @7746 has 1 MA's), (Start: 11 @7776 has 4 MA's), (17, 7953), (18, 7965), (20, 7998),

Gene: Littleton_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Littleton_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Loanshark_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Loanshark_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: LolaVinca_23 Start: 7868, Stop: 8104, Start Num: 11
Candidate Starts for LolaVinca_23:
(Start: 4 @7820 has 128 MA's), (Start: 5 @7826 has 59 MA's), (Start: 7 @7838 has 1 MA's), (Start: 11 @7868 has 4 MA's), (17, 8045), (18, 8057), (20, 8090),

Gene: LookingGlass_23 Start: 7704, Stop: 7940, Start Num: 11
Candidate Starts for LookingGlass_23:
(Start: 4 @7656 has 128 MA's), (Start: 5 @7662 has 59 MA's), (Start: 7 @7674 has 1 MA's), (Start: 11 @7704 has 4 MA's), (17, 7881), (18, 7893), (20, 7926),

Gene: LordLeafolot_26 Start: 8716, Stop: 9000, Start Num: 4
Candidate Starts for LordLeafolot_26:
(Start: 4 @8716 has 128 MA's), (Start: 5 @8722 has 59 MA's), (Start: 7 @8734 has 1 MA's), (Start: 11 @8764 has 4 MA's), (17, 8941), (18, 8953), (20, 8986),

Gene: Lukilu_15 Start: 5969, Stop: 6253, Start Num: 4
Candidate Starts for Lukilu_15:
(Start: 4 @5969 has 128 MA's), (Start: 5 @5975 has 59 MA's), (Start: 7 @5987 has 1 MA's), (Start: 11 @6017 has 4 MA's), (17, 6194), (18, 6206), (20, 6239),

Gene: Lunareta_20 Start: 6819, Stop: 7103, Start Num: 4
Candidate Starts for Lunareta_20:
(Start: 4 @6819 has 128 MA's), (Start: 5 @6825 has 59 MA's), (Start: 7 @6837 has 1 MA's), (Start: 11 @6867 has 4 MA's), (17, 7044), (18, 7056), (19, 7065), (20, 7089),

Gene: Maby2021_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Maby2021_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Madi_44 Start: 34839, Stop: 35102, Start Num: 8
Candidate Starts for Madi_44:
(1, 34752), (2, 34764), (Start: 8 @34839 has 7 MA's), (10, 34851), (12, 34881), (13, 34890), (15, 34938), (19, 35079),

Gene: Maguvora_27 Start: 8766, Stop: 9002, Start Num: 11
Candidate Starts for Maguvora_27:
(Start: 4 @8718 has 128 MA's), (Start: 5 @8724 has 59 MA's), (Start: 7 @8736 has 1 MA's), (Start: 11 @8766 has 4 MA's), (17, 8943), (18, 8955), (20, 8988),

Gene: Mangeria_23 Start: 7642, Stop: 7920, Start Num: 5
Candidate Starts for Mangeria_23:
(Start: 4 @7636 has 128 MA's), (Start: 5 @7642 has 59 MA's), (Start: 7 @7654 has 1 MA's), (Start: 11 @7684 has 4 MA's), (17, 7861), (18, 7873), (20, 7906),

Gene: Matsumoto_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Matsumoto_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Maturis_21 Start: 6888, Stop: 7166, Start Num: 5
Candidate Starts for Maturis_21:
(Start: 4 @6882 has 128 MA's), (Start: 5 @6888 has 59 MA's), (Start: 7 @6900 has 1 MA's), (Start: 11 @6930 has 4 MA's), (17, 7107), (18, 7119), (20, 7152),

Gene: McGee_20 Start: 6025, Stop: 6309, Start Num: 4
Candidate Starts for McGee_20:
(Start: 4 @6025 has 128 MA's), (Start: 5 @6031 has 59 MA's), (Start: 7 @6043 has 1 MA's), (Start: 11 @6073 has 4 MA's), (17, 6250), (18, 6262), (20, 6295),

Gene: McWolfish_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for McWolfish_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Megamind_20 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Megamind_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Melpomini_19 Start: 6006, Stop: 6290, Start Num: 4
Candidate Starts for Melpomini_19:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: MikeLiesIn_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for MikeLiesIn_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Mikro_19 Start: 7359, Stop: 7637, Start Num: 5
Candidate Starts for Mikro_19:
(Start: 4 @7353 has 128 MA's), (Start: 5 @7359 has 59 MA's), (Start: 7 @7371 has 1 MA's), (Start: 11 @7401 has 4 MA's), (17, 7578), (18, 7590), (20, 7623),

Gene: MoMoMixon_22 Start: 7460, Stop: 7744, Start Num: 4
Candidate Starts for MoMoMixon_22:

(Start: 4 @7460 has 128 MA's), (Start: 5 @7466 has 59 MA's), (Start: 7 @7478 has 1 MA's), (Start: 11 @7508 has 4 MA's), (17, 7685), (18, 7697), (19, 7706), (20, 7730),

Gene: Moby_15 Start: 4391, Stop: 4669, Start Num: 5
Candidate Starts for Moby_15:
(Start: 4 @4385 has 128 MA's), (Start: 5 @4391 has 59 MA's), (Start: 7 @4403 has 1 MA's), (Start: 11 @4433 has 4 MA's), (17, 4610), (18, 4622), (19, 4631), (20, 4655),

Gene: Moiqah_15 Start: 4385, Stop: 4669, Start Num: 4
Candidate Starts for Moiqah_15:
(Start: 4 @4385 has 128 MA's), (Start: 5 @4391 has 59 MA's), (Start: 7 @4403 has 1 MA's), (Start: 11 @4433 has 4 MA's), (17, 4610), (18, 4622), (19, 4631), (20, 4655),

Gene: Momo_19 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for Momo_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Montpel_20 Start: 6819, Stop: 7103, Start Num: 4
Candidate Starts for Montpel_20:
(Start: 4 @6819 has 128 MA's), (Start: 5 @6825 has 59 MA's), (Start: 7 @6837 has 1 MA's), (Start: 11 @6867 has 4 MA's), (17, 7044), (18, 7056), (19, 7065), (20, 7089),

Gene: Morizzled23_19 Start: 6006, Stop: 6290, Start Num: 4
Candidate Starts for Morizzled23_19:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: Naija_19 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for Naija_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Napoleon13_19 Start: 6025, Stop: 6309, Start Num: 4
Candidate Starts for Napoleon13_19:
(Start: 4 @6025 has 128 MA's), (Start: 5 @6031 has 59 MA's), (Start: 7 @6043 has 1 MA's), (Start: 11 @6073 has 4 MA's), (17, 6250), (18, 6262), (20, 6295),

Gene: Nappy_22 Start: 7310, Stop: 7594, Start Num: 4
Candidate Starts for Nappy_22:
(Start: 4 @7310 has 128 MA's), (Start: 5 @7316 has 59 MA's), (Start: 7 @7328 has 1 MA's), (Start: 11 @7358 has 4 MA's), (17, 7535), (18, 7547), (19, 7556), (20, 7580),

Gene: Naval22_23 Start: 7466, Stop: 7744, Start Num: 5
Candidate Starts for Naval22_23:
(Start: 4 @7460 has 128 MA's), (Start: 5 @7466 has 59 MA's), (Start: 7 @7478 has 1 MA's), (Start: 11 @7508 has 4 MA's), (17, 7685), (18, 7697), (20, 7730),

Gene: NedWong_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for NedWong_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Ngannou_19 Start: 6012, Stop: 6290, Start Num: 5
Candidate Starts for Ngannou_19:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: Nidhogg_22 Start: 7466, Stop: 7744, Start Num: 5
Candidate Starts for Nidhogg_22:
(Start: 4 @7460 has 128 MA's), (Start: 5 @7466 has 59 MA's), (Start: 7 @7478 has 1 MA's), (Start: 11 @7508 has 4 MA's), (17, 7685), (18, 7697), (20, 7730),

Gene: NoodleTree_19 Start: 6360, Stop: 6638, Start Num: 5
Candidate Starts for NoodleTree_19:
(Start: 4 @6354 has 128 MA's), (Start: 5 @6360 has 59 MA's), (Start: 7 @6372 has 1 MA's), (Start: 11 @6402 has 4 MA's), (17, 6579), (18, 6591), (20, 6624),

Gene: Norm_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for Norm_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: NuevoMundo_24 Start: 8468, Stop: 8746, Start Num: 5
Candidate Starts for NuevoMundo_24:
(Start: 4 @8462 has 128 MA's), (Start: 5 @8468 has 59 MA's), (Start: 7 @8480 has 1 MA's), (Start: 11 @8510 has 4 MA's), (17, 8687), (18, 8699), (20, 8732),

Gene: OrediggerDelux_22 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for OrediggerDelux_22:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: ParkTD_20 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for ParkTD_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Patter_19 Start: 6050, Stop: 6328, Start Num: 5
Candidate Starts for Patter_19:
(Start: 4 @6044 has 128 MA's), (Start: 5 @6050 has 59 MA's), (Start: 7 @6062 has 1 MA's), (Start: 11 @6092 has 4 MA's), (17, 6269), (18, 6281), (20, 6314),

Gene: PharkleMinkus_26 Start: 8723, Stop: 9001, Start Num: 5
Candidate Starts for PharkleMinkus_26:
(Start: 4 @8717 has 128 MA's), (Start: 5 @8723 has 59 MA's), (Start: 7 @8735 has 1 MA's), (Start: 11 @8765 has 4 MA's), (17, 8942), (18, 8954), (20, 8987),

Gene: Phlegm_21 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Phlegm_21:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Phox_20 Start: 7542, Stop: 7826, Start Num: 4
Candidate Starts for Phox_20:

(Start: 4 @7542 has 128 MA's), (Start: 5 @7548 has 59 MA's), (Start: 7 @7560 has 1 MA's), (Start: 11 @7590 has 4 MA's), (17, 7767), (18, 7779), (20, 7812),

Gene: Phusco_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Phusco_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Pier_22 Start: 7025, Stop: 7309, Start Num: 4
Candidate Starts for Pier_22:
(Start: 4 @7025 has 128 MA's), (Start: 5 @7031 has 59 MA's), (Start: 7 @7043 has 1 MA's), (Start: 11 @7073 has 4 MA's), (17, 7250), (18, 7262), (20, 7295),

Gene: Pinkcreek_13 Start: 5221, Stop: 5505, Start Num: 4
Candidate Starts for Pinkcreek_13:
(Start: 4 @5221 has 128 MA's), (Start: 5 @5227 has 59 MA's), (Start: 7 @5239 has 1 MA's), (Start: 11 @5269 has 4 MA's), (17, 5446), (18, 5458), (19, 5467), (20, 5491),

Gene: Pio_23 Start: 7959, Stop: 8243, Start Num: 4
Candidate Starts for Pio_23:
(Start: 4 @7959 has 128 MA's), (Start: 5 @7965 has 59 MA's), (Start: 7 @7977 has 1 MA's), (Start: 11 @8007 has 4 MA's), (17, 8184), (18, 8196), (20, 8229),

Gene: Pivoine_19 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for Pivoine_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Pleione_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Pleione_22:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Primadonna_16 Start: 6504, Stop: 6782, Start Num: 5
Candidate Starts for Primadonna_16:
(Start: 4 @6498 has 128 MA's), (Start: 5 @6504 has 59 MA's), (Start: 7 @6516 has 1 MA's), (Start: 11 @6546 has 4 MA's), (17, 6723), (18, 6735), (19, 6744), (20, 6768),

Gene: Puhon_26 Start: 8764, Stop: 9000, Start Num: 11
Candidate Starts for Puhon_26:
(Start: 4 @8716 has 128 MA's), (Start: 5 @8722 has 59 MA's), (Start: 7 @8734 has 1 MA's), (Start: 11 @8764 has 4 MA's), (17, 8941), (18, 8953), (20, 8986),

Gene: Pupusa_26 Start: 8764, Stop: 9000, Start Num: 11
Candidate Starts for Pupusa_26:
(Start: 4 @8716 has 128 MA's), (Start: 5 @8722 has 59 MA's), (Start: 7 @8734 has 1 MA's), (Start: 11 @8764 has 4 MA's), (17, 8941), (18, 8953), (20, 8986),

Gene: PurduePete_20 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for PurduePete_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: QBert_19 Start: 7548, Stop: 7826, Start Num: 5
Candidate Starts for QBert_19:
(Start: 4 @7542 has 128 MA's), (Start: 5 @7548 has 59 MA's), (Start: 7 @7560 has 1 MA's), (Start: 11 @7590 has 4 MA's), (17, 7767), (18, 7779), (20, 7812),

Gene: Quasimodo_19 Start: 7032, Stop: 7310, Start Num: 5
Candidate Starts for Quasimodo_19:
(Start: 4 @7026 has 128 MA's), (Start: 5 @7032 has 59 MA's), (Start: 7 @7044 has 1 MA's), (Start: 11 @7074 has 4 MA's), (17, 7251), (18, 7263), (20, 7296),

Gene: Rabinovish_20 Start: 7830, Stop: 8114, Start Num: 4
Candidate Starts for Rabinovish_20:
(Start: 4 @7830 has 128 MA's), (Start: 5 @7836 has 59 MA's), (Start: 7 @7848 has 1 MA's), (Start: 11 @7878 has 4 MA's), (17, 8055), (18, 8067), (20, 8100),

Gene: Rahel_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Rahel_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Rizal_19 Start: 6022, Stop: 6306, Start Num: 4
Candidate Starts for Rizal_19:
(Start: 4 @6022 has 128 MA's), (Start: 5 @6028 has 59 MA's), (Start: 7 @6040 has 1 MA's), (Start: 11 @6070 has 4 MA's), (17, 6247), (18, 6259), (20, 6292),

Gene: RoMag_15 Start: 6104, Stop: 6388, Start Num: 4
Candidate Starts for RoMag_15:
(Start: 4 @6104 has 128 MA's), (Start: 5 @6110 has 59 MA's), (Start: 7 @6122 has 1 MA's), (Start: 11 @6152 has 4 MA's), (17, 6329), (18, 6341), (20, 6374),

Gene: Rocha_19 Start: 6401, Stop: 6637, Start Num: 11
Candidate Starts for Rocha_19:
(Start: 4 @6353 has 128 MA's), (Start: 5 @6359 has 59 MA's), (Start: 7 @6371 has 1 MA's), (Start: 11 @6401 has 4 MA's), (17, 6578), (18, 6590), (20, 6623),

Gene: Ronan_16 Start: 4953, Stop: 5237, Start Num: 4
Candidate Starts for Ronan_16:
(Start: 4 @4953 has 128 MA's), (Start: 5 @4959 has 59 MA's), (Start: 7 @4971 has 1 MA's), (Start: 11 @5001 has 4 MA's), (17, 5178), (18, 5190), (20, 5223),

Gene: Roots515_20 Start: 7136, Stop: 7420, Start Num: 4
Candidate Starts for Roots515_20:
(Start: 4 @7136 has 128 MA's), (Start: 5 @7142 has 59 MA's), (Start: 7 @7154 has 1 MA's), (Start: 11 @7184 has 4 MA's), (17, 7361), (18, 7373), (19, 7382), (20, 7406),

Gene: SVoro_20 Start: 7131, Stop: 7415, Start Num: 4
Candidate Starts for SVoro_20:
(Start: 4 @7131 has 128 MA's), (Start: 5 @7137 has 59 MA's), (Start: 7 @7149 has 1 MA's), (Start: 11 @7179 has 4 MA's), (17, 7356), (18, 7368), (19, 7377), (20, 7401),

Gene: Salacia_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Salacia_22:

(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Sauce_22 Start: 7511, Stop: 7789, Start Num: 5
Candidate Starts for Sauce_22:
(Start: 4 @7505 has 128 MA's), (Start: 5 @7511 has 59 MA's), (Start: 7 @7523 has 1 MA's), (Start: 11 @7553 has 4 MA's), (17, 7730), (18, 7742), (20, 7775),

Gene: ScottMcG_22 Start: 7693, Stop: 7977, Start Num: 4
Candidate Starts for ScottMcG_22:
(Start: 4 @7693 has 128 MA's), (Start: 5 @7699 has 59 MA's), (Start: 7 @7711 has 1 MA's), (Start: 11 @7741 has 4 MA's), (17, 7918), (18, 7930), (19, 7939), (20, 7963),

Gene: Sebata_22 Start: 7728, Stop: 8012, Start Num: 4
Candidate Starts for Sebata_22:
(Start: 4 @7728 has 128 MA's), (Start: 5 @7734 has 59 MA's), (Start: 7 @7746 has 1 MA's), (Start: 11 @7776 has 4 MA's), (17, 7953), (18, 7965), (20, 7998),

Gene: Shaqnato_17 Start: 5958, Stop: 6242, Start Num: 4
Candidate Starts for Shaqnato_17:
(Start: 4 @5958 has 128 MA's), (Start: 5 @5964 has 59 MA's), (Start: 7 @5976 has 1 MA's), (Start: 11 @6006 has 4 MA's), (17, 6183), (18, 6195), (20, 6228),

Gene: Shelob_23 Start: 8272, Stop: 8550, Start Num: 5
Candidate Starts for Shelob_23:
(Start: 4 @8266 has 128 MA's), (Start: 5 @8272 has 59 MA's), (Start: 7 @8284 has 1 MA's), (Start: 11 @8314 has 4 MA's), (17, 8491), (18, 8503), (20, 8536),

Gene: ShiaLabeouf_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for ShiaLabeouf_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Shifa_18 Start: 6464, Stop: 6748, Start Num: 4
Candidate Starts for Shifa_18:
(Start: 4 @6464 has 128 MA's), (Start: 5 @6470 has 59 MA's), (Start: 7 @6482 has 1 MA's), (Start: 11 @6512 has 4 MA's), (17, 6689), (18, 6701), (19, 6710), (20, 6734),

Gene: Shnickers_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Shnickers_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Shrimp_20 Start: 7141, Stop: 7425, Start Num: 4
Candidate Starts for Shrimp_20:
(Start: 4 @7141 has 128 MA's), (Start: 5 @7147 has 59 MA's), (Start: 7 @7159 has 1 MA's), (Start: 11 @7189 has 4 MA's), (17, 7366), (18, 7378), (19, 7387), (20, 7411),

Gene: Sienna_44 Start: 34839, Stop: 35102, Start Num: 8
Candidate Starts for Sienna_44:
(1, 34752), (2, 34764), (Start: 8 @34839 has 7 MA's), (10, 34851), (12, 34881), (13, 34890), (15, 34938), (19, 35079),

Gene: SilverDipper_20 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for SilverDipper_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: SiwenD96_21 Start: 7464, Stop: 7742, Start Num: 5
Candidate Starts for SiwenD96_21:
(Start: 4 @7458 has 128 MA's), (Start: 5 @7464 has 59 MA's), (Start: 7 @7476 has 1 MA's), (Start: 11 @7506 has 4 MA's), (17, 7683), (18, 7695), (20, 7728),

Gene: SmallFry_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for SmallFry_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: SoilZilla_19 Start: 7098, Stop: 7376, Start Num: 5
Candidate Starts for SoilZilla_19:
(Start: 4 @7092 has 128 MA's), (Start: 5 @7098 has 59 MA's), (Start: 7 @7110 has 1 MA's), (Start: 11 @7140 has 4 MA's), (17, 7317), (18, 7329), (19, 7338), (20, 7362),

Gene: Spec_19 Start: 6029, Stop: 6307, Start Num: 5
Candidate Starts for Spec_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Specks_24 Start: 7897, Stop: 8181, Start Num: 4
Candidate Starts for Specks_24:
(Start: 4 @7897 has 128 MA's), (Start: 5 @7903 has 59 MA's), (Start: 7 @7915 has 1 MA's), (Start: 11 @7945 has 4 MA's), (17, 8122), (18, 8134), (20, 8167),

Gene: Sprinklers_21 Start: 6873, Stop: 7151, Start Num: 5
Candidate Starts for Sprinklers_21:
(Start: 4 @6867 has 128 MA's), (Start: 5 @6873 has 59 MA's), (Start: 7 @6885 has 1 MA's), (Start: 11 @6915 has 4 MA's), (17, 7092), (18, 7104), (20, 7137),

Gene: Spud_23 Start: 7959, Stop: 8243, Start Num: 4
Candidate Starts for Spud_23:
(Start: 4 @7959 has 128 MA's), (Start: 5 @7965 has 59 MA's), (Start: 7 @7977 has 1 MA's), (Start: 11 @8007 has 4 MA's), (17, 8184), (18, 8196), (20, 8229),

Gene: SrishMeg2525_20 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for SrishMeg2525_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (20, 7407),

Gene: StephanieG_21 Start: 7056, Stop: 7334, Start Num: 5
Candidate Starts for StephanieG_21:
(Start: 4 @7050 has 128 MA's), (Start: 5 @7056 has 59 MA's), (Start: 7 @7068 has 1 MA's), (Start: 11 @7098 has 4 MA's), (17, 7275), (18, 7287), (20, 7320),

Gene: Stubby_19 Start: 6644, Stop: 6928, Start Num: 4
Candidate Starts for Stubby_19:

(Start: 4 @6644 has 128 MA's), (Start: 5 @6650 has 59 MA's), (Start: 7 @6662 has 1 MA's), (Start: 11 @6692 has 4 MA's), (17, 6869), (18, 6881), (19, 6890), (20, 6914),

Gene: StubbySaigey_20 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for StubbySaigey_20:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Substance289_18 Start: 6029, Stop: 6307, Start Num: 5
Candidate Starts for Substance289_18:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Suzy_43 Start: 35166, Stop: 35441, Start Num: 8
Candidate Starts for Suzy_43:
(3, 35085), (Start: 8 @35166 has 7 MA's), (10, 35178), (15, 35265), (16, 35307), (19, 35406),

Gene: Tainan_26 Start: 8764, Stop: 9000, Start Num: 11
Candidate Starts for Tainan_26:
(Start: 4 @8716 has 128 MA's), (Start: 5 @8722 has 59 MA's), (Start: 7 @8734 has 1 MA's), (Start: 11 @8764 has 4 MA's), (17, 8941), (18, 8953), (20, 8986),

Gene: Teardrop_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Teardrop_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Terapin_45 Start: 34763, Stop: 35026, Start Num: 8
Candidate Starts for Terapin_45:
(1, 34676), (2, 34688), (Start: 8 @34763 has 7 MA's), (10, 34775), (12, 34805), (13, 34814), (15, 34862), (19, 35003),

Gene: TinyTim_20 Start: 7143, Stop: 7421, Start Num: 5
Candidate Starts for TinyTim_20:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Tonenili_26 Start: 8356, Stop: 8640, Start Num: 4
Candidate Starts for Tonenili_26:
(Start: 4 @8356 has 128 MA's), (Start: 5 @8362 has 59 MA's), (6, 8368), (Start: 7 @8374 has 1 MA's), (Start: 11 @8404 has 4 MA's), (14, 8437), (17, 8581), (18, 8593), (19, 8602), (20, 8626),

Gene: Tortoise16_18 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Tortoise16_18:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (20, 6293),

Gene: Trinitium_19 Start: 6023, Stop: 6307, Start Num: 4
Candidate Starts for Trinitium_19:
(Start: 4 @6023 has 128 MA's), (Start: 5 @6029 has 59 MA's), (Start: 7 @6041 has 1 MA's), (Start: 11 @6071 has 4 MA's), (17, 6248), (18, 6260), (19, 6269), (20, 6293),

Gene: Turret_19 Start: 6012, Stop: 6290, Start Num: 5

Candidate Starts for Turret_19:
(Start: 4 @6006 has 128 MA's), (Start: 5 @6012 has 59 MA's), (Start: 7 @6024 has 1 MA's), (Start: 11 @6054 has 4 MA's), (17, 6231), (18, 6243), (20, 6276),

Gene: Tyke_22 Start: 7435, Stop: 7719, Start Num: 4
Candidate Starts for Tyke_22:
(Start: 4 @7435 has 128 MA's), (Start: 5 @7441 has 59 MA's), (Start: 7 @7453 has 1 MA's), (Start: 11 @7483 has 4 MA's), (17, 7660), (18, 7672), (20, 7705),

Gene: ValleyTerrace_19 Start: 6033, Stop: 6311, Start Num: 5
Candidate Starts for ValleyTerrace_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Vortrix_27 Start: 8550, Stop: 8828, Start Num: 5
Candidate Starts for Vortrix_27:
(Start: 4 @8544 has 128 MA's), (Start: 5 @8550 has 59 MA's), (6, 8556), (Start: 7 @8562 has 1 MA's), (Start: 11 @8592 has 4 MA's), (14, 8625), (17, 8769), (18, 8781), (19, 8790), (20, 8814),

Gene: Wally_19 Start: 6027, Stop: 6311, Start Num: 4
Candidate Starts for Wally_19:
(Start: 4 @6027 has 128 MA's), (Start: 5 @6033 has 59 MA's), (Start: 7 @6045 has 1 MA's), (Start: 11 @6075 has 4 MA's), (17, 6252), (18, 6264), (20, 6297),

Gene: Willis_21 Start: 7032, Stop: 7316, Start Num: 4
Candidate Starts for Willis_21:
(Start: 4 @7032 has 128 MA's), (Start: 5 @7038 has 59 MA's), (Start: 7 @7050 has 1 MA's), (Start: 11 @7080 has 4 MA's), (17, 7257), (18, 7269), (19, 7278), (20, 7302),

Gene: Yassified_18 Start: 6030, Stop: 6314, Start Num: 4
Candidate Starts for Yassified_18:
(Start: 4 @6030 has 128 MA's), (Start: 5 @6036 has 59 MA's), (Start: 7 @6048 has 1 MA's), (Start: 11 @6078 has 4 MA's), (17, 6255), (18, 6267), (20, 6300),

Gene: YemiJoy2021_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for YemiJoy2021_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: YoungMoneyMata_20 Start: 6070, Stop: 6354, Start Num: 4
Candidate Starts for YoungMoneyMata_20:
(Start: 4 @6070 has 128 MA's), (Start: 5 @6076 has 59 MA's), (Start: 7 @6088 has 1 MA's), (Start: 11 @6118 has 4 MA's), (17, 6295), (18, 6307), (20, 6340),

Gene: Yucca_20 Start: 7059, Stop: 7343, Start Num: 4
Candidate Starts for Yucca_20:
(Start: 4 @7059 has 128 MA's), (Start: 5 @7065 has 59 MA's), (Start: 7 @7077 has 1 MA's), (Start: 11 @7107 has 4 MA's), (17, 7284), (18, 7296), (19, 7305), (20, 7329),

Gene: Zalkecks_22 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for Zalkecks_22:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),

Gene: Zeenon_23 Start: 7138, Stop: 7422, Start Num: 4
Candidate Starts for Zeenon_23:
(Start: 4 @7138 has 128 MA's), (Start: 5 @7144 has 59 MA's), (Start: 7 @7156 has 1 MA's), (Start: 11 @7186 has 4 MA's), (17, 7363), (18, 7375), (19, 7384), (20, 7408),

Gene: ZygoTaiga_21 Start: 7137, Stop: 7421, Start Num: 4
Candidate Starts for ZygoTaiga_21:
(Start: 4 @7137 has 128 MA's), (Start: 5 @7143 has 59 MA's), (Start: 7 @7155 has 1 MA's), (Start: 11 @7185 has 4 MA's), (17, 7362), (18, 7374), (19, 7383), (20, 7407),