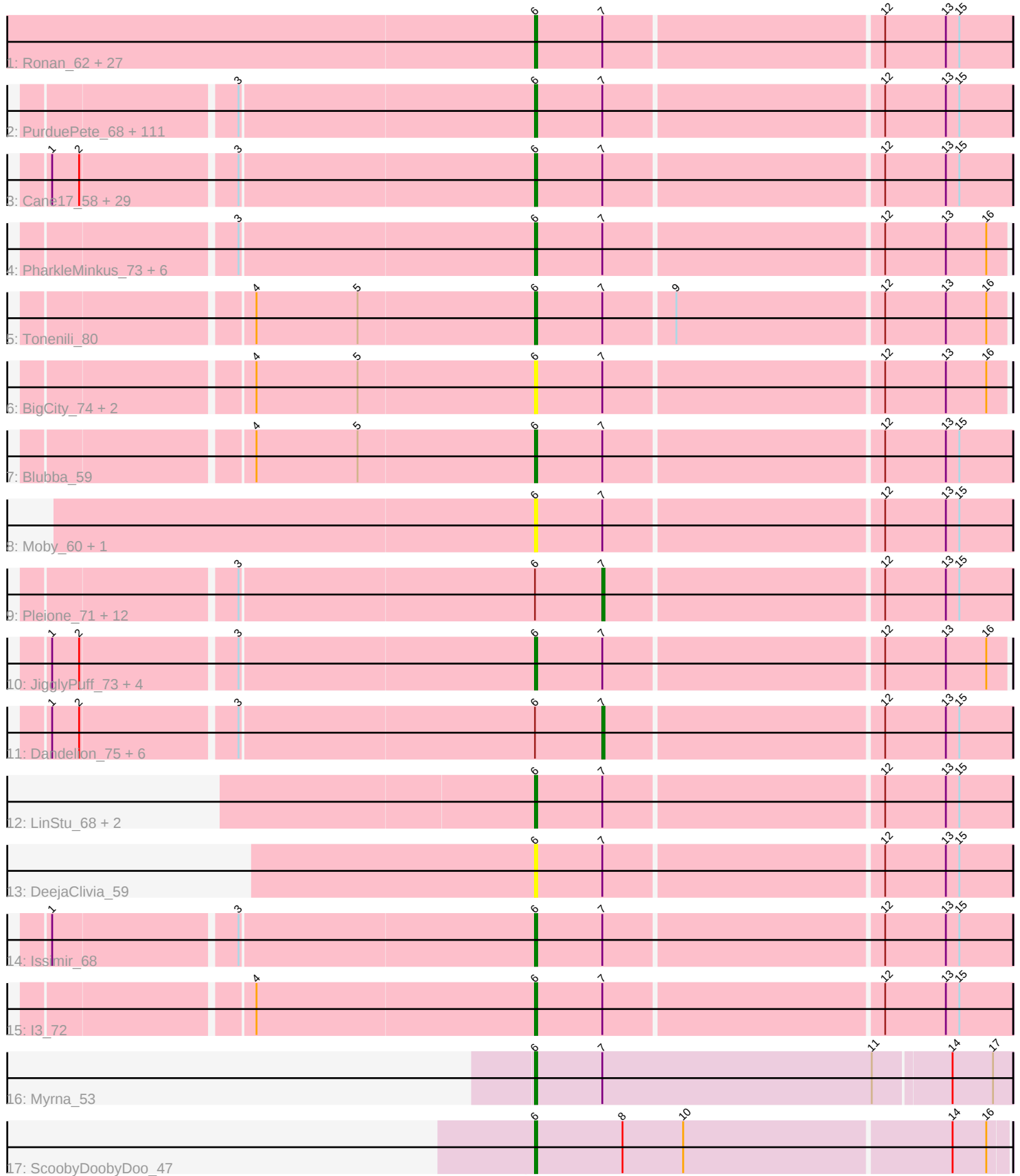


Pham 280095



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 280095 Report

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

Pham number 280095 has 217 members, 37 are drafts.

Phages represented in each track:

- Track 1 : Ronan_62, BobaPhatt_63, Melpomini_63, Shaqnato_62, ErnieJ_66, BadAgartude_67, DirtMonster_63, Pinkcreek_60, Yassified_65, EasyJones_70, LRRHood_64, Alice_62, Blackdragon_63, Lukilu_60, Bezza_59, Koguma_65, Morizzled23_70, Astraea_69, Grungle_58, Roots515_67, Napoleon13_65, Rabinovich_67, JulietS_62, Sauce_69, Shifa_60, Stubby_63, Haldule_61, Phox_66
- Track 2 : PurduePete_68, LolaVinca_71, FoxtrotP1_69, Littleton_68, Kamryn_68, Bipolarisk_68, Guwapp_67, Ading_68, Delilah_69, Dessert_65, StubbySaigey_69, CindyLou_69, Capablanca_70, Salacia_71, Gabriel_70, Jedediah_70, Willis_69, FudgeTart_70, Bonray_69, Derek_68, Jezreel_66, Chomp_67, ValleyTerrace_68, DrPhinkDaddy_68, ShiaLabeouf_68, Momo_67, Belieber_62, Ngannou_63, Fludd_68, EmmaElysia_67, Erdmann_69, SilverDipper_69, Flabslab_65, BananaFence_69, Gizmo_72, Delylah_71, Shelob_71, Phlegm_70, McWolfish_67, Jaygup_68, Daffodil_72, InigoMontoya_69, GlutenPhree_69, BackyardAgain_65, Essence_67, Caravan_65, Maby2021_69, Jemmno_68, Naija_67, Darko_68, Mikro_66, Loanshark_69, DTDevon_69, Fixie_63, Ewok_69, ChaylaJr_64, Pivoine_67, YoungMoneyMata_68, Primadonna_64, Nidhogg_69, Ghost_67, OrediggerDelux_66, ZygoTaiga_68, McGee_68, Fongie_67, Amataga_68, Zeenon_70, Labradorite_68, Mangeria_72, Yucca_68, Blackbrain_63, Shnickers_68, MoMoMixon_69, SVoro_67, Atlantean_67, Asterius_70, Burrough_68, Rahel_69, Rizal_66, JPickles_67, LifeSavor_67, MikeLiesIn_69, EmToTheThree_72, Megamind_68, Bread_68, Patter_68, Matsumoto_67, ScottMcG_66, YemiJoy2021_69, Tortoise16_66, SrishMeg2525_68, Tyke_70, Turret_63, TinyTim_69, Izajani_69, SmallFry_68, Quasimodo_68, Dietrick_62, Khaleesi_68, Zalkecks_70, Spec_65, NedWong_70, JustHall_64, InterFolia_78, Norm_69, Phusco_68, Latch_68, ParkTD_69, Substance289_64, Naval22_74, Gamgam_68, Janiyr_70
- Track 3 : Cane17_58, Cactojaque_63, Domi_62, Colt_60, RoMag_63, Duckfeet_61, Lethe_67, Chargie21_64, Ablatia_65, Rocha_66, LookingGlass_70, QBert_63, BeanWater_62, JayJay_75, Teardrop_68, Adlitam_68, Iota_63, Jessibeth14_67, StephanieG_68, CharlieB_66, Montpel_65, Lee7_66, ChickenPhender_64, NuevoMundo_74, Sprinklers_65, Lunareta_65, IkeLoa_63, Specks_74, Basquiat_64, Trinitium_64
- Track 4 : PharkleMinkus_73, Pupusa_73, LordLeafolot_75, Bowman_67, FrayBell_75, Cleatunium_64, Tainan_73
- Track 5 : Tonenili_80
- Track 6 : BigCity_74, Grasshills_74, EggyFarm_74
- Track 7 : Blubba_59

- Track 8 : Moby_60, Moiqah_60
- Track 9 : Pleione_71, Shrimp_69, Breeniome_70, Audrick_70, Wally_67, Catera_67, Babyland_67, Pio_73, ArcherS7_68, Drazdys_68, Bangla1971_69, Spud_68, Bxz1_68
- Track 10 : JigglyPuff_73, Demodog_73, NoodleTree_69, Bigswole_75, Concombre_74
- Track 11 : Dandelion_75, Cali_65, Nappy_70, Kboogie_70, Ava3_70, Pier_71, ET08_59
- Track 12 : LinStu_68, HyRo_63, Sebata_69
- Track 13 : DeejaClivia_59
- Track 14 : Issimir_68
- Track 15 : I3_72
- Track 16 : Myrna_53
- Track 17 : ScoobyDoobyDoo_47

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

The start number called the most often in the published annotations is 6, it was called in 160 of the 180 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• Ablatia_65, Ading_68, Adlitam_68, Alice_62, Amataga_68, Asterius_70, Astraea_69, Atlantean_67, BackyardAgain_65, BadAgartude_67, BananaFence_69, Basquiat_64, BeanWater_62, Belieber_62, Bezza_59, BigCity_74, Bigswole_75, Bipolarisk_68, Blackbrain_63, Blackdragon_63, Blubba_59, BobaPhatt_63, Bonray_69, Bowman_67, Bread_68, Burrough_68, Cactojaque_63, Cane17_58, Capablanca_70, Caravan_65, Chargie21_64, CharlieB_66, ChaylaJr_64, ChickenPhender_64, Chomp_67, CindyLou_69, Cleatunium_64, Colt_60, Concombre_74, DTDevon_69, Daffodil_72, Darko_68, DeejaClivia_59, Delilah_69, Delylah_71, Demodog_73, Derek_68, Dessert_65, Dietrick_62, DirtMonster_63, Domi_62, DrPhinkDaddy_68, Duckfeet_61, EasyJones_70, EggyFarm_74, EmToTheThree_72, EmmaElysia_67, Erdmann_69, ErnieJ_66, Essence_67, Ewok_69, Fixie_63, Flabslab_65, Fludd_68, Fongie_67, FoxtrotP1_69, FrayBell_75, FudgeTart_70, Gabriel_70, Gamgam_68, Ghost_67, Gizmo_72, GlutenPhree_69, Grasshills_74, Grungle_58, Guwapp_67, Halldule_61, HyRo_63, I3_72, IkeLoa_63, InigoMontoya_69, InterFolia_78, Iota_63, Issimir_68, Izajani_69, JPickles_67, Janiyr_70, JayJay_75, Jaygup_68, Jedediah_70, Jemmno_68, Jessibeth14_67, Jezreel_66, JigglyPuff_73, JulietS_62, JustHall_64, Kamryn_68, Khaleesi_68, Koguma_65, LRRHood_64, Labradorite_68, Latch_68, Lee7_66, Lethe_67, LifeSavor_67, LinStu_68, Littleton_68, Loanshark_69, LolaVinca_71, LookingGlass_70, LordLeafolot_75, Lukilu_60, Lunareta_65, Maby2021_69, Mangeria_72, Matsumoto_67, McGee_68, McWolfish_67, Megamind_68, Melpomini_63, MikeLiesIn_69, Mikro_66, MoMoMixon_69, Moby_60, Moiqah_60, Momo_67, Montpel_65, Morizzled23_70, Myrna_53, Naija_67, Napoleon13_65, Naval22_74, NedWong_70, Ngannou_63, Nidhogg_69, NoodleTree_69, Norm_69, NuevoMundo_74, OrediggerDelux_66, ParkTD_69, Patter_68, PharkleMinkus_73, Phlegm_70, Phox_66, Phusco_68, Pinkcreek_60, Pivoine_67, Primadonna_64, Pupusa_73, PurduePete_68, QBert_63, Quasimodo_68, Rabinovish_67, Rahel_69, Rizal_66, RoMag_63, Rocha_66, Ronan_62, Roots515_67, SVoro_67, Salacia_71, Sauce_69, ScoobyDoobyDoo_47, ScottMcG_66, Sebata_69, Shaqnato_62, Shelob_71, ShiaLabeouf_68, Shifa_60,

Shnickers_68, SilverDipper_69, SmallFry_68, Spec_65, Specks_74, Sprinklers_65, SrishMeg2525_68, StephanieG_68, StubbySaigey_69, Stubby_63, Substance289_64, Tainan_73, Teardrop_68, TinyTim_69, Tonenili_80, Tortoise16_66, Trinitium_64, Turret_63, Tyke_70, ValleyTerrace_68, Willis_69, Yassified_65, YemiJoy2021_69, YoungMoneyMata_68, Yucca_68, Zalkecks_70, Zeenon_70, ZygoTaiga_68,

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

- ArcherS7_68, Audrick_70, Ava3_70, Babyland_67, Bangla1971_69, Breeniome_70, Bxz1_68, Cali_65, Catera_67, Dandelion_75, Drazdys_68, ET08_59, Kboogie_70, Nappy_70, Pier_71, Pio_73, Pleione_71, Shrimp_69, Spud_68, Wally_67,

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

-

Summary by start number:

Start 6:

- Found in 217 of 217 (100.0%) of genes in pham
- Manual Annotations of this start: 160 of 180
- Called 90.8% of time when present
- Phage (with cluster) where this start called: Ablatia_65 (C1), Ading_68 (C1), Adlitam_68 (C1), Alice_62 (C1), Amataga_68 (C1), Asterius_70 (C1), Astraea_69 (C1), Atlantean_67 (C1), BackyardAgain_65 (C1), BadAgartude_67 (C1), BananaFence_69 (C1), Basquiat_64 (C1), BeanWater_62 (C1), Belieber_62 (C1), Bezza_59 (C1), BigCity_74 (C1), Bigswole_75 (C1), Bipolarisk_68 (C1), Blackbrain_63 (C1), Blackdragon_63 (C1), Blubba_59 (C1), BobaPhatt_63 (C1), Bonray_69 (C1), Bowman_67 (C1), Bread_68 (C1), Burrough_68 (C1), Cactojaque_63 (C1), Cane17_58 (C1), Capablanca_70 (C1), Caravan_65 (C1), Chargie21_64 (C1), CharlieB_66 (C1), ChaylaJr_64 (C1), ChickenPhender_64 (C1), Chomp_67 (C1), CindyLou_69 (C1), Cleatunium_64 (C1), Colt_60 (C1), Concombre_74 (C1), DTDevon_69 (C1), Daffodil_72 (C1), Darko_68 (C1), DeejaClivia_59 (C1), Delilah_69 (C1), Delylah_71 (C1), Demodog_73 (C1), Derek_68 (C1), Dessert_65 (C1), Dietrick_62 (C1), DirtMonster_63 (C1), Domi_62 (C1), DrPhinkDaddy_68 (C1), Duckfeet_61 (C1), EasyJones_70 (C1), EggyFarm_74 (C1), EmToTheThree_72 (C1), EmmaElysia_67 (C1), Erdmann_69 (C1), ErnieJ_66 (C1), Essence_67 (C1), Ewok_69 (C1), Fixie_63 (C1), Flabslab_65 (C1), Fludd_68 (C1), Fongie_67 (C1), FoxtrotP1_69 (C1), FrayBell_75 (C1), FudgeTart_70 (C1), Gabriel_70 (C1), Gamgam_68 (C1), Ghost_67 (C1), Gizmo_72 (C1), GlutenPhree_69 (C1), Grasshills_74 (C1), Grungle_58 (C1), Guwapp_67 (C1), Halldule_61 (C1), HyRo_63 (C1), I3_72 (C1), IkeLoa_63 (C1), InigoMontoya_69 (C1), InterFolia_78 (C1), Iota_63 (C1), Issimir_68 (C1), Izajani_69 (C1), JPickles_67 (C1), Janiyra_70 (C1), JayJay_75 (C1), Jaygup_68 (C1), Jedediah_70 (C1), Jemmno_68 (C1), Jessibeth14_67 (C1), Jezreel_66 (C1), JigglyPuff_73 (C1), JulietS_62 (C1), JustHall_64 (C1), Kamryn_68 (C1), Khaleesi_68 (C1), Koguma_65 (C1), LRRHood_64 (C1), Labradorite_68 (C1), Latch_68 (C1), Lee7_66 (C1), Lethe_67 (C1), LifeSavor_67 (C1), LinStu_68 (C1), Littleton_68 (C1), Loanshark_69 (C1), LolaVince_71 (C1), LookingGlass_70 (C1), LordLeafolot_75 (C1), Lukilu_60 (C1), Lunareta_65 (C1), Maby2021_69 (C1), Mangeria_72 (C1), Matsumoto_67 (C1), McGee_68 (C1), McWolfish_67 (C1), Megamind_68 (C1), Melpomini_63 (C1), MikeLiesIn_69 (C1), Mikro_66 (C1), MoMoMixon_69 (C1), Moby_60 (C1), Moiqah_60 (C1), Momo_67 (C1), Montpel_65 (C1), Morizzled23_70 (C1), Myrna_53 (C2), Naija_67 (C1), Napoleon13_65 (C1), Naval22_74 (C1), NedWong_70 (C1),

Ngannou_63 (C1), Nidhogg_69 (C1), NoodleTree_69 (C1), Norm_69 (C1), NuevoMundo_74 (C1), OrediggerDelux_66 (C1), ParkTD_69 (C1), Patter_68 (C1), PharkleMinkus_73 (C1), Phlegm_70 (C1), Phox_66 (C1), Phusco_68 (C1), Pinkcreek_60 (C1), Pivoine_67 (C1), Primadonna_64 (C1), Pupusa_73 (C1), PurduePete_68 (C1), QBert_63 (C1), Quasimodo_68 (C1), Rabinovish_67 (C1), Rahel_69 (C1), Rizal_66 (C1), RoMag_63 (C1), Rocha_66 (C1), Ronan_62 (C1), Roots515_67 (C1), SVoro_67 (C1), Salacia_71 (C1), Sauce_69 (C1), ScoobyDoobyDoo_47 (C2), ScottMcG_66 (C1), Sebata_69 (C1), Shaqnato_62 (C1), Shelob_71 (C1), ShiaLabeouf_68 (C1), Shifa_60 (C1), Shnicks_68 (C1), SilverDipper_69 (C1), SmallFry_68 (C1), Spec_65 (C1), Specks_74 (C1), Sprinklers_65 (C1), SrishMeg2525_68 (C1), StephanieG_68 (C1), StubbySaigey_69 (C1), Stubby_63 (C1), Substance289_64 (C1), Tainan_73 (C1), Teardrop_68 (C1), TinyTim_69 (C1), Tonenili_80 (C1), Tortoise16_66 (C1), Trinitium_64 (C1), Turret_63 (C1), Tyke_70 (C1), ValleyTerrace_68 (C1), Willis_69 (C1), Yassified_65 (C1), YemiJoy2021_69 (C1), YoungMoneyMata_68 (C1), Yucca_68 (C1), Zalkecks_70 (C1), Zeenon_70 (C1), ZygoTaiga_68 (C1),

Start 7:

- Found in 216 of 217 (99.5%) of genes in pham
- Manual Annotations of this start: 20 of 180
- Called 9.3% of time when present
- Phage (with cluster) where this start called: ArcherS7_68 (C1), Audrick_70 (C1), Ava3_70 (C1), Babyland_67 (C1), Bangla1971_69 (C1), Breeniome_70 (C1), Bxz1_68 (C1), Cali_65 (C1), Catera_67 (C1), Dandelion_75 (C1), Drazdys_68 (C1), ET08_59 (C1), Kboogie_70 (C1), Nappy_70 (C1), Pier_71 (C1), Pio_73 (C1), Pleione_71 (C1), Shrimp_69 (C1), Spud_68 (C1), Wally_67 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: C2, C1,

Info for manual annotations of cluster C1:

- Start number 6 was manually annotated 158 times for cluster C1.
- Start number 7 was manually annotated 20 times for cluster C1.

Info for manual annotations of cluster C2:

- Start number 6 was manually annotated 2 times for cluster C2.

Gene Information:

Gene: Ablatia_65 Start: 21533, Stop: 21739, Start Num: 6

Candidate Starts for Ablatia_65:

(1, 21326), (2, 21338), (3, 21404), (Start: 6 @21533 has 160 MA's), (Start: 7 @21563 has 20 MA's), (12, 21683), (13, 21710), (15, 21716),

Gene: Ading_68 Start: 21575, Stop: 21781, Start Num: 6

Candidate Starts for Ading_68:

(3, 21446), (Start: 6 @21575 has 160 MA's), (Start: 7 @21605 has 20 MA's), (12, 21725), (13, 21752), (15, 21758),

Gene: Adlitam_68 Start: 21592, Stop: 21798, Start Num: 6

Candidate Starts for Adlitam_68:

(1, 21385), (2, 21397), (3, 21463), (Start: 6 @21592 has 160 MA's), (Start: 7 @21622 has 20 MA's),
(12, 21742), (13, 21769), (15, 21775),

Gene: Alice_62 Start: 21307, Stop: 21513, Start Num: 6

Candidate Starts for Alice_62:

(Start: 6 @21307 has 160 MA's), (Start: 7 @21337 has 20 MA's), (12, 21457), (13, 21484), (15, 21490),

Gene: Amataga_68 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Amataga_68:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773),
(15, 21779),

Gene: ArcherS7_68 Start: 21989, Stop: 22165, Start Num: 7

Candidate Starts for ArcherS7_68:

(3, 21830), (Start: 6 @21959 has 160 MA's), (Start: 7 @21989 has 20 MA's), (12, 22109), (13, 22136),
(15, 22142),

Gene: Asterius_70 Start: 21991, Stop: 22197, Start Num: 6

Candidate Starts for Asterius_70:

(3, 21862), (Start: 6 @21991 has 160 MA's), (Start: 7 @22021 has 20 MA's), (12, 22141), (13, 22168),
(15, 22174),

Gene: Astraea_69 Start: 22710, Stop: 22916, Start Num: 6

Candidate Starts for Astraea_69:

(Start: 6 @22710 has 160 MA's), (Start: 7 @22740 has 20 MA's), (12, 22860), (13, 22887), (15, 22893),

Gene: Atlantean_67 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Atlantean_67:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773),
(15, 21779),

Gene: Audrick_70 Start: 21605, Stop: 21781, Start Num: 7

Candidate Starts for Audrick_70:

(3, 21446), (Start: 6 @21575 has 160 MA's), (Start: 7 @21605 has 20 MA's), (12, 21725), (13, 21752),
(15, 21758),

Gene: Ava3_70 Start: 22738, Stop: 22914, Start Num: 7

Candidate Starts for Ava3_70:

(1, 22501), (2, 22513), (3, 22579), (Start: 6 @22708 has 160 MA's), (Start: 7 @22738 has 20 MA's),
(12, 22858), (13, 22885), (15, 22891),

Gene: Babyland_67 Start: 21064, Stop: 21240, Start Num: 7

Candidate Starts for Babyland_67:

(3, 20905), (Start: 6 @21034 has 160 MA's), (Start: 7 @21064 has 20 MA's), (12, 21184), (13, 21211),
(15, 21217),

Gene: BackyardAgain_65 Start: 21527, Stop: 21733, Start Num: 6

Candidate Starts for BackyardAgain_65:

(3, 21398), (Start: 6 @21527 has 160 MA's), (Start: 7 @21557 has 20 MA's), (12, 21677), (13, 21704),
(15, 21710),

Gene: BadAgartude_67 Start: 23051, Stop: 23257, Start Num: 6

Candidate Starts for BadAgartude_67:

(Start: 6 @23051 has 160 MA's), (Start: 7 @23081 has 20 MA's), (12, 23201), (13, 23228), (15, 23234),

Gene: BananaFence_69 Start: 22534, Stop: 22740, Start Num: 6

Candidate Starts for BananaFence_69:

(3, 22405), (Start: 6 @22534 has 160 MA's), (Start: 7 @22564 has 20 MA's), (12, 22684), (13, 22711), (15, 22717),

Gene: Bangla1971_69 Start: 22119, Stop: 22295, Start Num: 7

Candidate Starts for Bangla1971_69:

(3, 21960), (Start: 6 @22089 has 160 MA's), (Start: 7 @22119 has 20 MA's), (12, 22239), (13, 22266), (15, 22272),

Gene: Basquiat_64 Start: 21078, Stop: 21284, Start Num: 6

Candidate Starts for Basquiat_64:

(1, 20871), (2, 20883), (3, 20949), (Start: 6 @21078 has 160 MA's), (Start: 7 @21108 has 20 MA's), (12, 21228), (13, 21255), (15, 21261),

Gene: BeanWater_62 Start: 22000, Stop: 22206, Start Num: 6

Candidate Starts for BeanWater_62:

(1, 21793), (2, 21805), (3, 21871), (Start: 6 @22000 has 160 MA's), (Start: 7 @22030 has 20 MA's), (12, 22150), (13, 22177), (15, 22183),

Gene: Belieber_62 Start: 20948, Stop: 21154, Start Num: 6

Candidate Starts for Belieber_62:

(3, 20819), (Start: 6 @20948 has 160 MA's), (Start: 7 @20978 has 20 MA's), (12, 21098), (13, 21125), (15, 21131),

Gene: Bezza_59 Start: 21481, Stop: 21687, Start Num: 6

Candidate Starts for Bezza_59:

(Start: 6 @21481 has 160 MA's), (Start: 7 @21511 has 20 MA's), (12, 21631), (13, 21658), (15, 21664),

Gene: BigCity_74 Start: 24148, Stop: 24351, Start Num: 6

Candidate Starts for BigCity_74:

(4, 24025), (5, 24070), (Start: 6 @24148 has 160 MA's), (Start: 7 @24178 has 20 MA's), (12, 24298), (13, 24325), (16, 24343),

Gene: Bigswole_75 Start: 25182, Stop: 25385, Start Num: 6

Candidate Starts for Bigswole_75:

(1, 24975), (2, 24987), (3, 25053), (Start: 6 @25182 has 160 MA's), (Start: 7 @25212 has 20 MA's), (12, 25332), (13, 25359), (16, 25377),

Gene: Bipolarisk_68 Start: 22361, Stop: 22567, Start Num: 6

Candidate Starts for Bipolarisk_68:

(3, 22232), (Start: 6 @22361 has 160 MA's), (Start: 7 @22391 has 20 MA's), (12, 22511), (13, 22538), (15, 22544),

Gene: Blackbrain_63 Start: 20895, Stop: 21101, Start Num: 6

Candidate Starts for Blackbrain_63:

(3, 20766), (Start: 6 @20895 has 160 MA's), (Start: 7 @20925 has 20 MA's), (12, 21045), (13, 21072), (15, 21078),

Gene: Blackdragon_63 Start: 21519, Stop: 21725, Start Num: 6

Candidate Starts for Blackdragon_63:

(Start: 6 @21519 has 160 MA's), (Start: 7 @21549 has 20 MA's), (12, 21669), (13, 21696), (15, 21702),

Gene: Blubba_59 Start: 19764, Stop: 19970, Start Num: 6

Candidate Starts for Blubba_59:

(4, 19641), (5, 19686), (Start: 6 @19764 has 160 MA's), (Start: 7 @19794 has 20 MA's), (12, 19914), (13, 19941), (15, 19947),

Gene: BobaPhatt_63 Start: 21224, Stop: 21430, Start Num: 6

Candidate Starts for BobaPhatt_63:

(Start: 6 @21224 has 160 MA's), (Start: 7 @21254 has 20 MA's), (12, 21374), (13, 21401), (15, 21407),

Gene: Bonray_69 Start: 22638, Stop: 22844, Start Num: 6

Candidate Starts for Bonray_69:

(3, 22509), (Start: 6 @22638 has 160 MA's), (Start: 7 @22668 has 20 MA's), (12, 22788), (13, 22815), (15, 22821),

Gene: Bowman_67 Start: 22650, Stop: 22853, Start Num: 6

Candidate Starts for Bowman_67:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (16, 22845),

Gene: Bread_68 Start: 22331, Stop: 22537, Start Num: 6

Candidate Starts for Bread_68:

(3, 22202), (Start: 6 @22331 has 160 MA's), (Start: 7 @22361 has 20 MA's), (12, 22481), (13, 22508), (15, 22514),

Gene: Breeniome_70 Start: 21868, Stop: 22044, Start Num: 7

Candidate Starts for Breeniome_70:

(3, 21709), (Start: 6 @21838 has 160 MA's), (Start: 7 @21868 has 20 MA's), (12, 21988), (13, 22015), (15, 22021),

Gene: Burrough_68 Start: 22364, Stop: 22570, Start Num: 6

Candidate Starts for Burrough_68:

(3, 22235), (Start: 6 @22364 has 160 MA's), (Start: 7 @22394 has 20 MA's), (12, 22514), (13, 22541), (15, 22547),

Gene: Bxz1_68 Start: 23445, Stop: 23621, Start Num: 7

Candidate Starts for Bxz1_68:

(3, 23286), (Start: 6 @23415 has 160 MA's), (Start: 7 @23445 has 20 MA's), (12, 23565), (13, 23592), (15, 23598),

Gene: Cactojaque_63 Start: 21002, Stop: 21208, Start Num: 6

Candidate Starts for Cactojaque_63:

(1, 20795), (2, 20807), (3, 20873), (Start: 6 @21002 has 160 MA's), (Start: 7 @21032 has 20 MA's), (12, 21152), (13, 21179), (15, 21185),

Gene: Cali_65 Start: 23267, Stop: 23443, Start Num: 7

Candidate Starts for Cali_65:

(1, 23030), (2, 23042), (3, 23108), (Start: 6 @23237 has 160 MA's), (Start: 7 @23267 has 20 MA's), (12, 23387), (13, 23414), (15, 23420),

Gene: Cane17_58 Start: 19374, Stop: 19580, Start Num: 6

Candidate Starts for Cane17_58:

(1, 19167), (2, 19179), (3, 19245), (Start: 6 @19374 has 160 MA's), (Start: 7 @19404 has 20 MA's), (12, 19524), (13, 19551), (15, 19557),

Gene: Capablanca_70 Start: 22721, Stop: 22927, Start Num: 6

Candidate Starts for Capablanca_70:

(3, 22592), (Start: 6 @22721 has 160 MA's), (Start: 7 @22751 has 20 MA's), (12, 22871), (13, 22898), (15, 22904),

Gene: Caravan_65 Start: 21709, Stop: 21915, Start Num: 6

Candidate Starts for Caravan_65:

(3, 21580), (Start: 6 @21709 has 160 MA's), (Start: 7 @21739 has 20 MA's), (12, 21859), (13, 21886), (15, 21892),

Gene: Catera_67 Start: 21560, Stop: 21736, Start Num: 7

Candidate Starts for Catera_67:

(3, 21401), (Start: 6 @21530 has 160 MA's), (Start: 7 @21560 has 20 MA's), (12, 21680), (13, 21707), (15, 21713),

Gene: Chargie21_64 Start: 21078, Stop: 21284, Start Num: 6

Candidate Starts for Chargie21_64:

(1, 20871), (2, 20883), (3, 20949), (Start: 6 @21078 has 160 MA's), (Start: 7 @21108 has 20 MA's), (12, 21228), (13, 21255), (15, 21261),

Gene: CharlieB_66 Start: 21235, Stop: 21441, Start Num: 6

Candidate Starts for CharlieB_66:

(1, 21028), (2, 21040), (3, 21106), (Start: 6 @21235 has 160 MA's), (Start: 7 @21265 has 20 MA's), (12, 21385), (13, 21412), (15, 21418),

Gene: ChaylaJr_64 Start: 21109, Stop: 21315, Start Num: 6

Candidate Starts for ChaylaJr_64:

(3, 20980), (Start: 6 @21109 has 160 MA's), (Start: 7 @21139 has 20 MA's), (12, 21259), (13, 21286), (15, 21292),

Gene: ChickenPhender_64 Start: 21126, Stop: 21332, Start Num: 6

Candidate Starts for ChickenPhender_64:

(1, 20919), (2, 20931), (3, 20997), (Start: 6 @21126 has 160 MA's), (Start: 7 @21156 has 20 MA's), (12, 21276), (13, 21303), (15, 21309),

Gene: Chomp_67 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Chomp_67:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: CindyLou_69 Start: 22121, Stop: 22327, Start Num: 6

Candidate Starts for CindyLou_69:

(3, 21992), (Start: 6 @22121 has 160 MA's), (Start: 7 @22151 has 20 MA's), (12, 22271), (13, 22298), (15, 22304),

Gene: Cleatunium_64 Start: 21746, Stop: 21949, Start Num: 6

Candidate Starts for Cleatunium_64:

(3, 21617), (Start: 6 @21746 has 160 MA's), (Start: 7 @21776 has 20 MA's), (12, 21896), (13, 21923), (16, 21941),

Gene: Colt_60 Start: 20360, Stop: 20566, Start Num: 6

Candidate Starts for Colt_60:

(1, 20153), (2, 20165), (3, 20231), (Start: 6 @20360 has 160 MA's), (Start: 7 @20390 has 20 MA's), (12, 20510), (13, 20537), (15, 20543),

Gene: Concombre_74 Start: 24709, Stop: 24912, Start Num: 6

Candidate Starts for Concombre_74:

(1, 24502), (2, 24514), (3, 24580), (Start: 6 @24709 has 160 MA's), (Start: 7 @24739 has 20 MA's), (12, 24859), (13, 24886), (16, 24904),

Gene: DTDevon_69 Start: 22760, Stop: 22966, Start Num: 6

Candidate Starts for DTDevon_69:

(3, 22631), (Start: 6 @22760 has 160 MA's), (Start: 7 @22790 has 20 MA's), (12, 22910), (13, 22937), (15, 22943),

Gene: Daffodil_72 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for Daffodil_72:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: Dandelion_75 Start: 24760, Stop: 24936, Start Num: 7

Candidate Starts for Dandelion_75:

(1, 24523), (2, 24535), (3, 24601), (Start: 6 @24730 has 160 MA's), (Start: 7 @24760 has 20 MA's), (12, 24880), (13, 24907), (15, 24913),

Gene: Darko_68 Start: 22503, Stop: 22709, Start Num: 6

Candidate Starts for Darko_68:

(3, 22374), (Start: 6 @22503 has 160 MA's), (Start: 7 @22533 has 20 MA's), (12, 22653), (13, 22680), (15, 22686),

Gene: DeejaClivia_59 Start: 19751, Stop: 19957, Start Num: 6

Candidate Starts for DeejaClivia_59:

(Start: 6 @19751 has 160 MA's), (Start: 7 @19781 has 20 MA's), (12, 19901), (13, 19928), (15, 19934),

Gene: Delilah_69 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for Delilah_69:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: Delylah_71 Start: 22428, Stop: 22634, Start Num: 6

Candidate Starts for Delylah_71:

(3, 22299), (Start: 6 @22428 has 160 MA's), (Start: 7 @22458 has 20 MA's), (12, 22578), (13, 22605), (15, 22611),

Gene: Demodog_73 Start: 24709, Stop: 24912, Start Num: 6

Candidate Starts for Demodog_73:

(1, 24502), (2, 24514), (3, 24580), (Start: 6 @24709 has 160 MA's), (Start: 7 @24739 has 20 MA's), (12, 24859), (13, 24886), (16, 24904),

Gene: Derek_68 Start: 21927, Stop: 22133, Start Num: 6

Candidate Starts for Derek_68:

(3, 21798), (Start: 6 @21927 has 160 MA's), (Start: 7 @21957 has 20 MA's), (12, 22077), (13, 22104), (15, 22110),

Gene: Dessert_65 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Dessert_65:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Dietrick_62 Start: 20768, Stop: 20974, Start Num: 6

Candidate Starts for Dietrick_62:

(3, 20639), (Start: 6 @20768 has 160 MA's), (Start: 7 @20798 has 20 MA's), (12, 20918), (13, 20945), (15, 20951),

Gene: DirtMonster_63 Start: 22094, Stop: 22300, Start Num: 6

Candidate Starts for DirtMonster_63:

(Start: 6 @22094 has 160 MA's), (Start: 7 @22124 has 20 MA's), (12, 22244), (13, 22271), (15, 22277),

Gene: Domi_62 Start: 21538, Stop: 21744, Start Num: 6

Candidate Starts for Domi_62:

(1, 21331), (2, 21343), (3, 21409), (Start: 6 @21538 has 160 MA's), (Start: 7 @21568 has 20 MA's), (12, 21688), (13, 21715), (15, 21721),

Gene: DrPhinkDaddy_68 Start: 22702, Stop: 22908, Start Num: 6

Candidate Starts for DrPhinkDaddy_68:

(3, 22573), (Start: 6 @22702 has 160 MA's), (Start: 7 @22732 has 20 MA's), (12, 22852), (13, 22879), (15, 22885),

Gene: Drazdys_68 Start: 22463, Stop: 22639, Start Num: 7

Candidate Starts for Drazdys_68:

(3, 22304), (Start: 6 @22433 has 160 MA's), (Start: 7 @22463 has 20 MA's), (12, 22583), (13, 22610), (15, 22616),

Gene: Duckfeet_61 Start: 21202, Stop: 21408, Start Num: 6

Candidate Starts for Duckfeet_61:

(1, 20995), (2, 21007), (3, 21073), (Start: 6 @21202 has 160 MA's), (Start: 7 @21232 has 20 MA's), (12, 21352), (13, 21379), (15, 21385),

Gene: ET08_59 Start: 21133, Stop: 21309, Start Num: 7

Candidate Starts for ET08_59:

(1, 20896), (2, 20908), (3, 20974), (Start: 6 @21103 has 160 MA's), (Start: 7 @21133 has 20 MA's), (12, 21253), (13, 21280), (15, 21286),

Gene: EasyJones_70 Start: 22253, Stop: 22459, Start Num: 6

Candidate Starts for EasyJones_70:

(Start: 6 @22253 has 160 MA's), (Start: 7 @22283 has 20 MA's), (12, 22403), (13, 22430), (15, 22436),

Gene: EggyFarm_74 Start: 24148, Stop: 24351, Start Num: 6

Candidate Starts for EggyFarm_74:

(4, 24025), (5, 24070), (Start: 6 @24148 has 160 MA's), (Start: 7 @24178 has 20 MA's), (12, 24298), (13, 24325), (16, 24343),

Gene: EmToTheThree_72 Start: 24122, Stop: 24328, Start Num: 6

Candidate Starts for EmToTheThree_72:

(3, 23993), (Start: 6 @24122 has 160 MA's), (Start: 7 @24152 has 20 MA's), (12, 24272), (13, 24299), (15, 24305),

Gene: EmmaElysia_67 Start: 21166, Stop: 21372, Start Num: 6

Candidate Starts for EmmaElysia_67:

(3, 21037), (Start: 6 @21166 has 160 MA's), (Start: 7 @21196 has 20 MA's), (12, 21316), (13, 21343), (15, 21349),

Gene: Erdmann_69 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for Erdmann_69:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: ErnieJ_66 Start: 21597, Stop: 21803, Start Num: 6

Candidate Starts for ErnieJ_66:

(Start: 6 @21597 has 160 MA's), (Start: 7 @21627 has 20 MA's), (12, 21747), (13, 21774), (15, 21780),

Gene: Essence_67 Start: 21450, Stop: 21656, Start Num: 6

Candidate Starts for Essence_67:

(3, 21321), (Start: 6 @21450 has 160 MA's), (Start: 7 @21480 has 20 MA's), (12, 21600), (13, 21627), (15, 21633),

Gene: Ewok_69 Start: 22653, Stop: 22859, Start Num: 6

Candidate Starts for Ewok_69:

(3, 22524), (Start: 6 @22653 has 160 MA's), (Start: 7 @22683 has 20 MA's), (12, 22803), (13, 22830), (15, 22836),

Gene: Fixie_63 Start: 20795, Stop: 21001, Start Num: 6

Candidate Starts for Fixie_63:

(3, 20666), (Start: 6 @20795 has 160 MA's), (Start: 7 @20825 has 20 MA's), (12, 20945), (13, 20972), (15, 20978),

Gene: Flabslab_65 Start: 21672, Stop: 21878, Start Num: 6

Candidate Starts for Flabslab_65:

(3, 21543), (Start: 6 @21672 has 160 MA's), (Start: 7 @21702 has 20 MA's), (12, 21822), (13, 21849), (15, 21855),

Gene: Fludd_68 Start: 21525, Stop: 21731, Start Num: 6

Candidate Starts for Fludd_68:

(3, 21396), (Start: 6 @21525 has 160 MA's), (Start: 7 @21555 has 20 MA's), (12, 21675), (13, 21702), (15, 21708),

Gene: Fongie_67 Start: 22869, Stop: 23075, Start Num: 6

Candidate Starts for Fongie_67:

(3, 22740), (Start: 6 @22869 has 160 MA's), (Start: 7 @22899 has 20 MA's), (12, 23019), (13, 23046), (15, 23052),

Gene: FoxtrotP1_69 Start: 23037, Stop: 23243, Start Num: 6

Candidate Starts for FoxtrotP1_69:

(3, 22908), (Start: 6 @23037 has 160 MA's), (Start: 7 @23067 has 20 MA's), (12, 23187), (13, 23214), (15, 23220),

Gene: FrayBell_75 Start: 24164, Stop: 24367, Start Num: 6

Candidate Starts for FrayBell_75:

(3, 24035), (Start: 6 @24164 has 160 MA's), (Start: 7 @24194 has 20 MA's), (12, 24314), (13, 24341), (16, 24359),

Gene: FudgeTart_70 Start: 22572, Stop: 22778, Start Num: 6

Candidate Starts for FudgeTart_70:

(3, 22443), (Start: 6 @22572 has 160 MA's), (Start: 7 @22602 has 20 MA's), (12, 22722), (13, 22749), (15, 22755),

Gene: Gabriel_70 Start: 21829, Stop: 22035, Start Num: 6

Candidate Starts for Gabriel_70:

(3, 21700), (Start: 6 @21829 has 160 MA's), (Start: 7 @21859 has 20 MA's), (12, 21979), (13, 22006), (15, 22012),

Gene: Gamgam_68 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Gamgam_68:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Ghost_67 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Ghost_67:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Gizmo_72 Start: 22333, Stop: 22539, Start Num: 6

Candidate Starts for Gizmo_72:

(3, 22204), (Start: 6 @22333 has 160 MA's), (Start: 7 @22363 has 20 MA's), (12, 22483), (13, 22510), (15, 22516),

Gene: GlutenPhree_69 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for GlutenPhree_69:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Grasshills_74 Start: 24148, Stop: 24351, Start Num: 6

Candidate Starts for Grasshills_74:

(4, 24025), (5, 24070), (Start: 6 @24148 has 160 MA's), (Start: 7 @24178 has 20 MA's), (12, 24298), (13, 24325), (16, 24343),

Gene: Grungle_58 Start: 19785, Stop: 19991, Start Num: 6

Candidate Starts for Grungle_58:

(Start: 6 @19785 has 160 MA's), (Start: 7 @19815 has 20 MA's), (12, 19935), (13, 19962), (15, 19968),

Gene: Guwapp_67 Start: 21691, Stop: 21897, Start Num: 6

Candidate Starts for Guwapp_67:

(3, 21562), (Start: 6 @21691 has 160 MA's), (Start: 7 @21721 has 20 MA's), (12, 21841), (13, 21868), (15, 21874),

Gene: Halldule_61 Start: 20362, Stop: 20568, Start Num: 6

Candidate Starts for Halldule_61:

(Start: 6 @20362 has 160 MA's), (Start: 7 @20392 has 20 MA's), (12, 20512), (13, 20539), (15, 20545),

Gene: HyRo_63 Start: 21714, Stop: 21920, Start Num: 6

Candidate Starts for HyRo_63:

(Start: 6 @21714 has 160 MA's), (Start: 7 @21744 has 20 MA's), (12, 21864), (13, 21891), (15, 21897),

Gene: I3_72 Start: 22560, Stop: 22766, Start Num: 6

Candidate Starts for I3_72:

(4, 22437), (Start: 6 @22560 has 160 MA's), (Start: 7 @22590 has 20 MA's), (12, 22710), (13, 22737), (15, 22743),

Gene: IkeLoa_63 Start: 21335, Stop: 21541, Start Num: 6

Candidate Starts for IkeLoa_63:

(1, 21128), (2, 21140), (3, 21206), (Start: 6 @21335 has 160 MA's), (Start: 7 @21365 has 20 MA's), (12, 21485), (13, 21512), (15, 21518),

Gene: InigoMontoya_69 Start: 21557, Stop: 21763, Start Num: 6

Candidate Starts for InigoMontoya_69:

(3, 21428), (Start: 6 @21557 has 160 MA's), (Start: 7 @21587 has 20 MA's), (12, 21707), (13, 21734), (15, 21740),

Gene: InterFolia_78 Start: 25102, Stop: 25308, Start Num: 6

Candidate Starts for InterFolia_78:

(3, 24973), (Start: 6 @25102 has 160 MA's), (Start: 7 @25132 has 20 MA's), (12, 25252), (13, 25279), (15, 25285),

Gene: Iota_63 Start: 21691, Stop: 21897, Start Num: 6

Candidate Starts for Iota_63:

(1, 21484), (2, 21496), (3, 21562), (Start: 6 @21691 has 160 MA's), (Start: 7 @21721 has 20 MA's), (12, 21841), (13, 21868), (15, 21874),

Gene: Issimir_68 Start: 22593, Stop: 22799, Start Num: 6

Candidate Starts for Issimir_68:

(1, 22386), (3, 22464), (Start: 6 @22593 has 160 MA's), (Start: 7 @22623 has 20 MA's), (12, 22743), (13, 22770), (15, 22776),

Gene: Izajani_69 Start: 22666, Stop: 22872, Start Num: 6

Candidate Starts for Izajani_69:

(3, 22537), (Start: 6 @22666 has 160 MA's), (Start: 7 @22696 has 20 MA's), (12, 22816), (13, 22843), (15, 22849),

Gene: JPickles_67 Start: 20790, Stop: 20996, Start Num: 6

Candidate Starts for JPickles_67:

(3, 20661), (Start: 6 @20790 has 160 MA's), (Start: 7 @20820 has 20 MA's), (12, 20940), (13, 20967), (15, 20973),

Gene: Janiyra_70 Start: 22355, Stop: 22561, Start Num: 6

Candidate Starts for Janiyra_70:

(3, 22226), (Start: 6 @22355 has 160 MA's), (Start: 7 @22385 has 20 MA's), (12, 22505), (13, 22532), (15, 22538),

Gene: JayJay_75 Start: 23147, Stop: 23353, Start Num: 6

Candidate Starts for JayJay_75:

(1, 22940), (2, 22952), (3, 23018), (Start: 6 @23147 has 160 MA's), (Start: 7 @23177 has 20 MA's), (12, 23297), (13, 23324), (15, 23330),

Gene: Jaygup_68 Start: 21592, Stop: 21798, Start Num: 6

Candidate Starts for Jaygup_68:

(3, 21463), (Start: 6 @21592 has 160 MA's), (Start: 7 @21622 has 20 MA's), (12, 21742), (13, 21769), (15, 21775),

Gene: Jedediah_70 Start: 22093, Stop: 22299, Start Num: 6

Candidate Starts for Jedediah_70:

(3, 21964), (Start: 6 @22093 has 160 MA's), (Start: 7 @22123 has 20 MA's), (12, 22243), (13, 22270), (15, 22276),

Gene: Jemmno_68 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Jemmno_68:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Jessibeth14_67 Start: 22112, Stop: 22318, Start Num: 6

Candidate Starts for Jessibeth14_67:

(1, 21905), (2, 21917), (3, 21983), (Start: 6 @22112 has 160 MA's), (Start: 7 @22142 has 20 MA's), (12, 22262), (13, 22289), (15, 22295),

Gene: Jezreel_66 Start: 21909, Stop: 22115, Start Num: 6

Candidate Starts for Jezreel_66:

(3, 21780), (Start: 6 @21909 has 160 MA's), (Start: 7 @21939 has 20 MA's), (12, 22059), (13, 22086), (15, 22092),

Gene: JigglyPuff_73 Start: 24102, Stop: 24305, Start Num: 6

Candidate Starts for JigglyPuff_73:

(1, 23895), (2, 23907), (3, 23973), (Start: 6 @24102 has 160 MA's), (Start: 7 @24132 has 20 MA's), (12, 24252), (13, 24279), (16, 24297),

Gene: JulietS_62 Start: 20213, Stop: 20419, Start Num: 6

Candidate Starts for JulietS_62:

(Start: 6 @20213 has 160 MA's), (Start: 7 @20243 has 20 MA's), (12, 20363), (13, 20390), (15, 20396),

Gene: JustHall_64 Start: 21915, Stop: 22121, Start Num: 6

Candidate Starts for JustHall_64:

(3, 21786), (Start: 6 @21915 has 160 MA's), (Start: 7 @21945 has 20 MA's), (12, 22065), (13, 22092), (15, 22098),

Gene: Kamryn_68 Start: 22269, Stop: 22475, Start Num: 6

Candidate Starts for Kamryn_68:

(3, 22140), (Start: 6 @22269 has 160 MA's), (Start: 7 @22299 has 20 MA's), (12, 22419), (13, 22446), (15, 22452),

Gene: Kboogie_70 Start: 21667, Stop: 21843, Start Num: 7

Candidate Starts for Kboogie_70:

(1, 21430), (2, 21442), (3, 21508), (Start: 6 @21637 has 160 MA's), (Start: 7 @21667 has 20 MA's), (12, 21787), (13, 21814), (15, 21820),

Gene: Khaleesi_68 Start: 22397, Stop: 22603, Start Num: 6

Candidate Starts for Khaleesi_68:

(3, 22268), (Start: 6 @22397 has 160 MA's), (Start: 7 @22427 has 20 MA's), (12, 22547), (13, 22574), (15, 22580),

Gene: Koguma_65 Start: 20431, Stop: 20637, Start Num: 6

Candidate Starts for Koguma_65:

(Start: 6 @20431 has 160 MA's), (Start: 7 @20461 has 20 MA's), (12, 20581), (13, 20608), (15, 20614),

Gene: LRRHood_64 Start: 22354, Stop: 22560, Start Num: 6

Candidate Starts for LRRHood_64:

(Start: 6 @22354 has 160 MA's), (Start: 7 @22384 has 20 MA's), (12, 22504), (13, 22531), (15, 22537),

Gene: Labradorite_68 Start: 21713, Stop: 21919, Start Num: 6

Candidate Starts for Labradorite_68:

(3, 21584), (Start: 6 @21713 has 160 MA's), (Start: 7 @21743 has 20 MA's), (12, 21863), (13, 21890), (15, 21896),

Gene: Latch_68 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Latch_68:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Lee7_66 Start: 22328, Stop: 22534, Start Num: 6

Candidate Starts for Lee7_66:

(1, 22121), (2, 22133), (3, 22199), (Start: 6 @22328 has 160 MA's), (Start: 7 @22358 has 20 MA's), (12, 22478), (13, 22505), (15, 22511),

Gene: Lethe_67 Start: 22591, Stop: 22797, Start Num: 6

Candidate Starts for Lethe_67:

(1, 22384), (2, 22396), (3, 22462), (Start: 6 @22591 has 160 MA's), (Start: 7 @22621 has 20 MA's), (12, 22741), (13, 22768), (15, 22774),

Gene: LifeSavor_67 Start: 21315, Stop: 21521, Start Num: 6

Candidate Starts for LifeSavor_67:

(3, 21186), (Start: 6 @21315 has 160 MA's), (Start: 7 @21345 has 20 MA's), (12, 21465), (13, 21492), (15, 21498),

Gene: LinStu_68 Start: 23060, Stop: 23266, Start Num: 6

Candidate Starts for LinStu_68:

(Start: 6 @23060 has 160 MA's), (Start: 7 @23090 has 20 MA's), (12, 23210), (13, 23237), (15, 23243),

Gene: Littleton_68 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Littleton_68:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Loanshark_69 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for Loanshark_69:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: LolaVinca_71 Start: 23811, Stop: 24017, Start Num: 6

Candidate Starts for LolaVinca_71:

(3, 23682), (Start: 6 @23811 has 160 MA's), (Start: 7 @23841 has 20 MA's), (12, 23961), (13, 23988), (15, 23994),

Gene: LookingGlass_70 Start: 23093, Stop: 23299, Start Num: 6

Candidate Starts for LookingGlass_70:

(1, 22886), (2, 22898), (3, 22964), (Start: 6 @23093 has 160 MA's), (Start: 7 @23123 has 20 MA's), (12, 23243), (13, 23270), (15, 23276),

Gene: LordLeafolot_75 Start: 24163, Stop: 24366, Start Num: 6

Candidate Starts for LordLeafolot_75:

(3, 24034), (Start: 6 @24163 has 160 MA's), (Start: 7 @24193 has 20 MA's), (12, 24313), (13, 24340), (16, 24358),

Gene: Lukilu_60 Start: 21556, Stop: 21762, Start Num: 6

Candidate Starts for Lukilu_60:

(Start: 6 @21556 has 160 MA's), (Start: 7 @21586 has 20 MA's), (12, 21706), (13, 21733), (15, 21739),

Gene: Lunareta_65 Start: 22546, Stop: 22752, Start Num: 6

Candidate Starts for Lunareta_65:

(1, 22339), (2, 22351), (3, 22417), (Start: 6 @22546 has 160 MA's), (Start: 7 @22576 has 20 MA's), (12, 22696), (13, 22723), (15, 22729),

Gene: Maby2021_69 Start: 22331, Stop: 22537, Start Num: 6

Candidate Starts for Maby2021_69:

(3, 22202), (Start: 6 @22331 has 160 MA's), (Start: 7 @22361 has 20 MA's), (12, 22481), (13, 22508), (15, 22514),

Gene: Mangeria_72 Start: 23674, Stop: 23880, Start Num: 6

Candidate Starts for Mangeria_72:

(3, 23545), (Start: 6 @23674 has 160 MA's), (Start: 7 @23704 has 20 MA's), (12, 23824), (13, 23851), (15, 23857),

Gene: Matsumoto_67 Start: 21557, Stop: 21763, Start Num: 6

Candidate Starts for Matsumoto_67:

(3, 21428), (Start: 6 @21557 has 160 MA's), (Start: 7 @21587 has 20 MA's), (12, 21707), (13, 21734), (15, 21740),

Gene: McGee_68 Start: 20780, Stop: 20986, Start Num: 6

Candidate Starts for McGee_68:

(3, 20651), (Start: 6 @20780 has 160 MA's), (Start: 7 @20810 has 20 MA's), (12, 20930), (13, 20957), (15, 20963),

Gene: McWolfish_67 Start: 22078, Stop: 22284, Start Num: 6

Candidate Starts for McWolfish_67:

(3, 21949), (Start: 6 @22078 has 160 MA's), (Start: 7 @22108 has 20 MA's), (12, 22228), (13, 22255), (15, 22261),

Gene: Megamind_68 Start: 22316, Stop: 22522, Start Num: 6

Candidate Starts for Megamind_68:

(3, 22187), (Start: 6 @22316 has 160 MA's), (Start: 7 @22346 has 20 MA's), (12, 22466), (13, 22493), (15, 22499),

Gene: Melpomini_63 Start: 20665, Stop: 20871, Start Num: 6

Candidate Starts for Melpomini_63:

(Start: 6 @20665 has 160 MA's), (Start: 7 @20695 has 20 MA's), (12, 20815), (13, 20842), (15, 20848),

Gene: MikeLiesIn_69 Start: 22663, Stop: 22869, Start Num: 6

Candidate Starts for MikeLiesIn_69:

(3, 22534), (Start: 6 @22663 has 160 MA's), (Start: 7 @22693 has 20 MA's), (12, 22813), (13, 22840), (15, 22846),

Gene: Mikro_66 Start: 23137, Stop: 23343, Start Num: 6

Candidate Starts for Mikro_66:

(3, 23008), (Start: 6 @23137 has 160 MA's), (Start: 7 @23167 has 20 MA's), (12, 23287), (13, 23314), (15, 23320),

Gene: MoMoMixon_69 Start: 22748, Stop: 22954, Start Num: 6

Candidate Starts for MoMoMixon_69:

(3, 22619), (Start: 6 @22748 has 160 MA's), (Start: 7 @22778 has 20 MA's), (12, 22898), (13, 22925), (15, 22931),

Gene: Moby_60 Start: 19152, Stop: 19358, Start Num: 6

Candidate Starts for Moby_60:

(Start: 6 @19152 has 160 MA's), (Start: 7 @19182 has 20 MA's), (12, 19302), (13, 19329), (15, 19335),

Gene: Moiqah_60 Start: 19152, Stop: 19358, Start Num: 6

Candidate Starts for Moiqah_60:

(Start: 6 @19152 has 160 MA's), (Start: 7 @19182 has 20 MA's), (12, 19302), (13, 19329), (15, 19335),

Gene: Momo_67 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Momo_67:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Montpel_65 Start: 22546, Stop: 22752, Start Num: 6

Candidate Starts for Montpel_65:

(1, 22339), (2, 22351), (3, 22417), (Start: 6 @22546 has 160 MA's), (Start: 7 @22576 has 20 MA's), (12, 22696), (13, 22723), (15, 22729),

Gene: Morizzled23_70 Start: 22280, Stop: 22486, Start Num: 6

Candidate Starts for Morizzled23_70:

(Start: 6 @22280 has 160 MA's), (Start: 7 @22310 has 20 MA's), (12, 22430), (13, 22457), (15, 22463),

Gene: Myrna_53 Start: 21157, Stop: 21366, Start Num: 6

Candidate Starts for Myrna_53:

(Start: 6 @21157 has 160 MA's), (Start: 7 @21187 has 20 MA's), (11, 21307), (14, 21340), (17, 21358),

Gene: Naija_67 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Naija_67:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Napoleon13_65 Start: 20589, Stop: 20795, Start Num: 6

Candidate Starts for Napoleon13_65:

(Start: 6 @20589 has 160 MA's), (Start: 7 @20619 has 20 MA's), (12, 20739), (13, 20766), (15, 20772),

Gene: Nappy_70 Start: 22982, Stop: 23158, Start Num: 7

Candidate Starts for Nappy_70:

(1, 22745), (2, 22757), (3, 22823), (Start: 6 @22952 has 160 MA's), (Start: 7 @22982 has 20 MA's), (12, 23102), (13, 23129), (15, 23135),

Gene: Naval22_74 Start: 23673, Stop: 23879, Start Num: 6

Candidate Starts for Naval22_74:

(3, 23544), (Start: 6 @23673 has 160 MA's), (Start: 7 @23703 has 20 MA's), (12, 23823), (13, 23850), (15, 23856),

Gene: NedWong_70 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for NedWong_70:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: Ngannou_63 Start: 20578, Stop: 20784, Start Num: 6

Candidate Starts for Ngannou_63:

(3, 20449), (Start: 6 @20578 has 160 MA's), (Start: 7 @20608 has 20 MA's), (12, 20728), (13, 20755), (15, 20761),

Gene: Nidhogg_69 Start: 22504, Stop: 22710, Start Num: 6

Candidate Starts for Nidhogg_69:

(3, 22375), (Start: 6 @22504 has 160 MA's), (Start: 7 @22534 has 20 MA's), (12, 22654), (13, 22681), (15, 22687),

Gene: NoodleTree_69 Start: 22511, Stop: 22714, Start Num: 6

Candidate Starts for NoodleTree_69:

(1, 22304), (2, 22316), (3, 22382), (Start: 6 @22511 has 160 MA's), (Start: 7 @22541 has 20 MA's), (12, 22661), (13, 22688), (16, 22706),

Gene: Norm_69 Start: 22651, Stop: 22857, Start Num: 6

Candidate Starts for Norm_69:

(3, 22522), (Start: 6 @22651 has 160 MA's), (Start: 7 @22681 has 20 MA's), (12, 22801), (13, 22828), (15, 22834),

Gene: NuevoMundo_74 Start: 23710, Stop: 23916, Start Num: 6

Candidate Starts for NuevoMundo_74:

(1, 23503), (2, 23515), (3, 23581), (Start: 6 @23710 has 160 MA's), (Start: 7 @23740 has 20 MA's), (12, 23860), (13, 23887), (15, 23893),

Gene: OrediggerDelux_66 Start: 22332, Stop: 22538, Start Num: 6

Candidate Starts for OrediggerDelux_66:

(3, 22203), (Start: 6 @22332 has 160 MA's), (Start: 7 @22362 has 20 MA's), (12, 22482), (13, 22509), (15, 22515),

Gene: ParkTD_69 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for ParkTD_69:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: Patter_68 Start: 21613, Stop: 21819, Start Num: 6

Candidate Starts for Patter_68:

(3, 21484), (Start: 6 @21613 has 160 MA's), (Start: 7 @21643 has 20 MA's), (12, 21763), (13, 21790), (15, 21796),

Gene: PharkleMinkus_73 Start: 24164, Stop: 24367, Start Num: 6

Candidate Starts for PharkleMinkus_73:

(3, 24035), (Start: 6 @24164 has 160 MA's), (Start: 7 @24194 has 20 MA's), (12, 24314), (13, 24341), (16, 24359),

Gene: Phlegm_70 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Phlegm_70:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Phox_66 Start: 23036, Stop: 23242, Start Num: 6

Candidate Starts for Phox_66:

(Start: 6 @23036 has 160 MA's), (Start: 7 @23066 has 20 MA's), (12, 23186), (13, 23213), (15, 23219),

Gene: Phusco_68 Start: 22406, Stop: 22612, Start Num: 6

Candidate Starts for Phusco_68:

(3, 22277), (Start: 6 @22406 has 160 MA's), (Start: 7 @22436 has 20 MA's), (12, 22556), (13, 22583), (15, 22589),

Gene: Pier_71 Start: 22438, Stop: 22614, Start Num: 7

Candidate Starts for Pier_71:

(1, 22201), (2, 22213), (3, 22279), (Start: 6 @22408 has 160 MA's), (Start: 7 @22438 has 20 MA's), (12, 22558), (13, 22585), (15, 22591),

Gene: Pinkcreek_60 Start: 20614, Stop: 20820, Start Num: 6

Candidate Starts for Pinkcreek_60:

(Start: 6 @20614 has 160 MA's), (Start: 7 @20644 has 20 MA's), (12, 20764), (13, 20791), (15, 20797),

Gene: Pio_73 Start: 23834, Stop: 24010, Start Num: 7

Candidate Starts for Pio_73:

(3, 23675), (Start: 6 @23804 has 160 MA's), (Start: 7 @23834 has 20 MA's), (12, 23954), (13, 23981), (15, 23987),

Gene: Pivoine_67 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for Pivoine_67:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Pleione_71 Start: 22679, Stop: 22855, Start Num: 7

Candidate Starts for Pleione_71:

(3, 22520), (Start: 6 @22649 has 160 MA's), (Start: 7 @22679 has 20 MA's), (12, 22799), (13, 22826), (15, 22832),

Gene: Primadonna_64 Start: 21995, Stop: 22201, Start Num: 6

Candidate Starts for Primadonna_64:

(3, 21866), (Start: 6 @21995 has 160 MA's), (Start: 7 @22025 has 20 MA's), (12, 22145), (13, 22172), (15, 22178),

Gene: Pupusa_73 Start: 24531, Stop: 24734, Start Num: 6

Candidate Starts for Pupusa_73:

(3, 24402), (Start: 6 @24531 has 160 MA's), (Start: 7 @24561 has 20 MA's), (12, 24681), (13, 24708), (16, 24726),

Gene: PurduePete_68 Start: 22374, Stop: 22580, Start Num: 6

Candidate Starts for PurduePete_68:

(3, 22245), (Start: 6 @22374 has 160 MA's), (Start: 7 @22404 has 20 MA's), (12, 22524), (13, 22551), (15, 22557),

Gene: QBert_63 Start: 22445, Stop: 22651, Start Num: 6

Candidate Starts for QBert_63:

(1, 22238), (2, 22250), (3, 22316), (Start: 6 @22445 has 160 MA's), (Start: 7 @22475 has 20 MA's), (12, 22595), (13, 22622), (15, 22628),

Gene: Quasimodo_68 Start: 22614, Stop: 22820, Start Num: 6

Candidate Starts for Quasimodo_68:

(3, 22485), (Start: 6 @22614 has 160 MA's), (Start: 7 @22644 has 20 MA's), (12, 22764), (13, 22791), (15, 22797),

Gene: Rabinovish_67 Start: 23332, Stop: 23538, Start Num: 6

Candidate Starts for Rabinovish_67:

(Start: 6 @23332 has 160 MA's), (Start: 7 @23362 has 20 MA's), (12, 23482), (13, 23509), (15, 23515),

Gene: Rahel_69 Start: 21965, Stop: 22171, Start Num: 6

Candidate Starts for Rahel_69:

(3, 21836), (Start: 6 @21965 has 160 MA's), (Start: 7 @21995 has 20 MA's), (12, 22115), (13, 22142), (15, 22148),

Gene: Rizal_66 Start: 21567, Stop: 21773, Start Num: 6

Candidate Starts for Rizal_66:

(3, 21438), (Start: 6 @21567 has 160 MA's), (Start: 7 @21597 has 20 MA's), (12, 21717), (13, 21744), (15, 21750),

Gene: RoMag_63 Start: 21569, Stop: 21775, Start Num: 6

Candidate Starts for RoMag_63:

(1, 21362), (2, 21374), (3, 21440), (Start: 6 @21569 has 160 MA's), (Start: 7 @21599 has 20 MA's), (12, 21719), (13, 21746), (15, 21752),

Gene: Rocha_66 Start: 21656, Stop: 21862, Start Num: 6

Candidate Starts for Rocha_66:

(1, 21449), (2, 21461), (3, 21527), (Start: 6 @21656 has 160 MA's), (Start: 7 @21686 has 20 MA's), (12, 21806), (13, 21833), (15, 21839),

Gene: Ronan_62 Start: 19853, Stop: 20059, Start Num: 6

Candidate Starts for Ronan_62:

(Start: 6 @19853 has 160 MA's), (Start: 7 @19883 has 20 MA's), (12, 20003), (13, 20030), (15, 20036),

Gene: Roots515_67 Start: 22051, Stop: 22257, Start Num: 6

Candidate Starts for Roots515_67:

(Start: 6 @22051 has 160 MA's), (Start: 7 @22081 has 20 MA's), (12, 22201), (13, 22228), (15, 22234),

Gene: SVoro_67 Start: 22644, Stop: 22850, Start Num: 6

Candidate Starts for SVoro_67:

(3, 22515), (Start: 6 @22644 has 160 MA's), (Start: 7 @22674 has 20 MA's), (12, 22794), (13, 22821), (15, 22827),

Gene: Salacia_71 Start: 22708, Stop: 22914, Start Num: 6

Candidate Starts for Salacia_71:

(3, 22579), (Start: 6 @22708 has 160 MA's), (Start: 7 @22738 has 20 MA's), (12, 22858), (13, 22885), (15, 22891),

Gene: Sauce_69 Start: 22254, Stop: 22460, Start Num: 6

Candidate Starts for Sauce_69:

(Start: 6 @22254 has 160 MA's), (Start: 7 @22284 has 20 MA's), (12, 22404), (13, 22431), (15, 22437),

Gene: ScoobyDoobyDoo_47 Start: 17127, Stop: 17333, Start Num: 6

Candidate Starts for ScoobyDoobyDoo_47:

(Start: 6 @17127 has 160 MA's), (8, 17166), (10, 17193), (14, 17310), (16, 17325),

Gene: ScottMcG_66 Start: 22428, Stop: 22634, Start Num: 6

Candidate Starts for ScottMcG_66:

(3, 22299), (Start: 6 @22428 has 160 MA's), (Start: 7 @22458 has 20 MA's), (12, 22578), (13, 22605), (15, 22611),

Gene: Sebata_69 Start: 23179, Stop: 23385, Start Num: 6

Candidate Starts for Sebata_69:

(Start: 6 @23179 has 160 MA's), (Start: 7 @23209 has 20 MA's), (12, 23329), (13, 23356), (15, 23362),

Gene: Shaqnato_62 Start: 20776, Stop: 20982, Start Num: 6

Candidate Starts for Shaqnato_62:

(Start: 6 @20776 has 160 MA's), (Start: 7 @20806 has 20 MA's), (12, 20926), (13, 20953), (15, 20959),

Gene: Shelob_71 Start: 23642, Stop: 23848, Start Num: 6

Candidate Starts for Shelob_71:

(3, 23513), (Start: 6 @23642 has 160 MA's), (Start: 7 @23672 has 20 MA's), (12, 23792), (13, 23819), (15, 23825),

Gene: ShiaLabeouf_68 Start: 22033, Stop: 22239, Start Num: 6

Candidate Starts for ShiaLabeouf_68:

(3, 21904), (Start: 6 @22033 has 160 MA's), (Start: 7 @22063 has 20 MA's), (12, 22183), (13, 22210), (15, 22216),

Gene: Shifa_60 Start: 21161, Stop: 21367, Start Num: 6

Candidate Starts for Shifa_60:

(Start: 6 @21161 has 160 MA's), (Start: 7 @21191 has 20 MA's), (12, 21311), (13, 21338), (15, 21344),

Gene: Shnickers_68 Start: 21592, Stop: 21798, Start Num: 6

Candidate Starts for Shnickers_68:

(3, 21463), (Start: 6 @21592 has 160 MA's), (Start: 7 @21622 has 20 MA's), (12, 21742), (13, 21769), (15, 21775),

Gene: Shrimp_69 Start: 22684, Stop: 22860, Start Num: 7

Candidate Starts for Shrimp_69:

(3, 22525), (Start: 6 @22654 has 160 MA's), (Start: 7 @22684 has 20 MA's), (12, 22804), (13, 22831), (15, 22837),

Gene: SilverDipper_69 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for SilverDipper_69:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: SmallFry_68 Start: 21592, Stop: 21798, Start Num: 6

Candidate Starts for SmallFry_68:

(3, 21463), (Start: 6 @21592 has 160 MA's), (Start: 7 @21622 has 20 MA's), (12, 21742), (13, 21769), (15, 21775),

Gene: Spec_65 Start: 21736, Stop: 21942, Start Num: 6

Candidate Starts for Spec_65:

(3, 21607), (Start: 6 @21736 has 160 MA's), (Start: 7 @21766 has 20 MA's), (12, 21886), (13, 21913), (15, 21919),

Gene: Specks_74 Start: 24125, Stop: 24331, Start Num: 6

Candidate Starts for Specks_74:

(1, 23918), (2, 23930), (3, 23996), (Start: 6 @24125 has 160 MA's), (Start: 7 @24155 has 20 MA's), (12, 24275), (13, 24302), (15, 24308),

Gene: Sprinklers_65 Start: 21626, Stop: 21832, Start Num: 6

Candidate Starts for Sprinklers_65:

(1, 21419), (2, 21431), (3, 21497), (Start: 6 @21626 has 160 MA's), (Start: 7 @21656 has 20 MA's), (12, 21776), (13, 21803), (15, 21809),

Gene: Spud_68 Start: 22995, Stop: 23171, Start Num: 7

Candidate Starts for Spud_68:

(3, 22836), (Start: 6 @22965 has 160 MA's), (Start: 7 @22995 has 20 MA's), (12, 23115), (13, 23142), (15, 23148),

Gene: SrishMeg2525_68 Start: 22361, Stop: 22567, Start Num: 6

Candidate Starts for SrishMeg2525_68:

(3, 22232), (Start: 6 @22361 has 160 MA's), (Start: 7 @22391 has 20 MA's), (12, 22511), (13, 22538), (15, 22544),

Gene: StephanieG_68 Start: 23026, Stop: 23232, Start Num: 6

Candidate Starts for StephanieG_68:

(1, 22819), (2, 22831), (3, 22897), (Start: 6 @23026 has 160 MA's), (Start: 7 @23056 has 20 MA's), (12, 23176), (13, 23203), (15, 23209),

Gene: Stubby_63 Start: 21945, Stop: 22151, Start Num: 6

Candidate Starts for Stubby_63:

(Start: 6 @21945 has 160 MA's), (Start: 7 @21975 has 20 MA's), (12, 22095), (13, 22122), (15, 22128),

Gene: StubbySaigey_69 Start: 21290, Stop: 21496, Start Num: 6

Candidate Starts for StubbySaigey_69:

(3, 21161), (Start: 6 @21290 has 160 MA's), (Start: 7 @21320 has 20 MA's), (12, 21440), (13, 21467), (15, 21473),

Gene: Substance289_64 Start: 21066, Stop: 21272, Start Num: 6

Candidate Starts for Substance289_64:

(3, 20937), (Start: 6 @21066 has 160 MA's), (Start: 7 @21096 has 20 MA's), (12, 21216), (13, 21243), (15, 21249),

Gene: Tainan_73 Start: 24163, Stop: 24366, Start Num: 6

Candidate Starts for Tainan_73:

(3, 24034), (Start: 6 @24163 has 160 MA's), (Start: 7 @24193 has 20 MA's), (12, 24313), (13, 24340), (16, 24358),

Gene: Teardrop_68 Start: 21449, Stop: 21655, Start Num: 6

Candidate Starts for Teardrop_68:

(1, 21242), (2, 21254), (3, 21320), (Start: 6 @21449 has 160 MA's), (Start: 7 @21479 has 20 MA's), (12, 21599), (13, 21626), (15, 21632),

Gene: TinyTim_69 Start: 22650, Stop: 22856, Start Num: 6

Candidate Starts for TinyTim_69:

(3, 22521), (Start: 6 @22650 has 160 MA's), (Start: 7 @22680 has 20 MA's), (12, 22800), (13, 22827), (15, 22833),

Gene: Tonenili_80 Start: 25468, Stop: 25671, Start Num: 6

Candidate Starts for Tonenili_80:

(4, 25345), (5, 25390), (Start: 6 @25468 has 160 MA's), (Start: 7 @25498 has 20 MA's), (9, 25528), (12, 25618), (13, 25645), (16, 25663),

Gene: Tortoise16_66 Start: 22100, Stop: 22306, Start Num: 6

Candidate Starts for Tortoise16_66:

(3, 21971), (Start: 6 @22100 has 160 MA's), (Start: 7 @22130 has 20 MA's), (12, 22250), (13, 22277), (15, 22283),

Gene: Trinitium_64 Start: 21111, Stop: 21317, Start Num: 6

Candidate Starts for Trinitium_64:

(1, 20904), (2, 20916), (3, 20982), (Start: 6 @21111 has 160 MA's), (Start: 7 @21141 has 20 MA's), (12, 21261), (13, 21288), (15, 21294),

Gene: Turret_63 Start: 20777, Stop: 20983, Start Num: 6

Candidate Starts for Turret_63:

(3, 20648), (Start: 6 @20777 has 160 MA's), (Start: 7 @20807 has 20 MA's), (12, 20927), (13, 20954), (15, 20960),

Gene: Tyke_70 Start: 23004, Stop: 23210, Start Num: 6

Candidate Starts for Tyke_70:

(3, 22875), (Start: 6 @23004 has 160 MA's), (Start: 7 @23034 has 20 MA's), (12, 23154), (13, 23181), (15, 23187),

Gene: ValleyTerrace_68 Start: 21596, Stop: 21802, Start Num: 6

Candidate Starts for ValleyTerrace_68:

(3, 21467), (Start: 6 @21596 has 160 MA's), (Start: 7 @21626 has 20 MA's), (12, 21746), (13, 21773), (15, 21779),

Gene: Wally_67 Start: 21235, Stop: 21411, Start Num: 7

Candidate Starts for Wally_67:

(3, 21076), (Start: 6 @21205 has 160 MA's), (Start: 7 @21235 has 20 MA's), (12, 21355), (13, 21382), (15, 21388),

Gene: Willis_69 Start: 22545, Stop: 22751, Start Num: 6

Candidate Starts for Willis_69:

(3, 22416), (Start: 6 @22545 has 160 MA's), (Start: 7 @22575 has 20 MA's), (12, 22695), (13, 22722), (15, 22728),

Gene: Yassified_65 Start: 21613, Stop: 21819, Start Num: 6

Candidate Starts for Yassified_65:

(Start: 6 @21613 has 160 MA's), (Start: 7 @21643 has 20 MA's), (12, 21763), (13, 21790), (15, 21796),

Gene: YemiJoy2021_69 Start: 22331, Stop: 22537, Start Num: 6

Candidate Starts for YemiJoy2021_69:

(3, 22202), (Start: 6 @22331 has 160 MA's), (Start: 7 @22361 has 20 MA's), (12, 22481), (13, 22508), (15, 22514),

Gene: YoungMoneyMata_68 Start: 21347, Stop: 21553, Start Num: 6

Candidate Starts for YoungMoneyMata_68:

(3, 21218), (Start: 6 @21347 has 160 MA's), (Start: 7 @21377 has 20 MA's), (12, 21497), (13, 21524), (15, 21530),

Gene: Yucca_68 Start: 22572, Stop: 22778, Start Num: 6

Candidate Starts for Yucca_68:

(3, 22443), (Start: 6 @22572 has 160 MA's), (Start: 7 @22602 has 20 MA's), (12, 22722), (13, 22749), (15, 22755),

Gene: Zalkecks_70 Start: 22335, Stop: 22541, Start Num: 6

Candidate Starts for Zalkecks_70:

(3, 22206), (Start: 6 @22335 has 160 MA's), (Start: 7 @22365 has 20 MA's), (12, 22485), (13, 22512), (15, 22518),

Gene: Zeenon_70 Start: 22637, Stop: 22843, Start Num: 6

Candidate Starts for Zeenon_70:

(3, 22508), (Start: 6 @22637 has 160 MA's), (Start: 7 @22667 has 20 MA's), (12, 22787), (13, 22814), (15, 22820),

Gene: ZygoTaiga_68 Start: 22651, Stop: 22857, Start Num: 6

Candidate Starts for ZygoTaiga_68:

(3, 22522), (Start: 6 @22651 has 160 MA's), (Start: 7 @22681 has 20 MA's), (12, 22801), (13, 22828), (15, 22834),