



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 308073 Report

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

Pham number 308073 has 219 members, 37 are drafts.

Phages represented in each track:

- Track 1 : JulietS_74, Bowman_79, Lunareta_78, ErnieJ_77, Spec_76, Lethe_80, Bxz1_81, Moby_71, Ading_81, Shrimp_81, PurduePete_81, Maturis_77, Khaleesi_80, DirtMonster_74, Yucca_80, ScottMcG_77, Moiqah_71, Basquiat_77, Concombre_88, Iota_75, Fludd_81, Megamind_80, BananaFence_80, Duckfeet_72, Ronan_74, Rahel_80, Amataga_81, Labradorite_81, Guwapp_80, Bigswole_86, StubbySaigey_82, NuevoMundo_87, Fixie_76, CindyLou_82, Tyke_83, DTDevon_82, ParkTD_82, YoungMoneyMata_81, DeejaClivia_70, Ewok_82, Dessert_78, Nidhogg_81, FrayBell_87, Teardrop_81, Cactojaque_76, Loanshark_81, Melpomini_75, Chomp_80, TinyTim_81, ChaylaJr_76, SVoro_79, Jemmno_81, Naval22_89, Demodog_88, Janiyra_83, BadAgartude_78, Nappy_82, Kamryn_81, ValleyTerrace_81, LifeSavor_80, EmToTheThree_84, Naija_80, Audrick_83, Colt_71, Wally_79, Babyland_80, Jedediah_84, BackyardAgain_78, Blubba_71, Pleione_83, Gizmo_85, Pinkcreek_71, RoMag_76, BobaPhatt_75, Domi_75, Blackdragon_75, Shelob_83, Belieber_75, Pupusa_85, NedWong_82, Willis_82, Bread_81, Primadonna_75, Ngannou_77, LinStu_80, ArcherS7_81, InigoMontoya_82, Sauce_81, Morizzled23_81, Ghost_80, Izajani_81, Pier_85, QBert_75, BeanWater_73, IkeLoa_75, SoilZilla_76, DrPhinkDaddy_80, Asterius_84, Derek_81, Kboogie_84, Bipolarisk_80, FoxtrotP1_81, Chargie21_77, LolaVinca_83, Ablatia_79, Astraea_79, JayJay_87, LRRHood_75, McWolfish_79, Pio_84, JigglyPuff_86, Mangeria_81, Norm_82, Spud_80, Alice_73, Momo_80, Quasimodo_81, Fongie_79, ChickenPhender_77, SrishMeg2525_80, Bangla1971_82, ET08_70, Jaygup_81, Lukilu_71, Jessibeth14_80, Essence_78, Grungle_69, Phusco_81, Mikro_79, InterFolia_90, StephanieG_81, Napoleon13_77, Delylah_84, Bonray_81, NoodleTree_84, Erdmann_81, Koguma_77, EmmaElysia_80, Flabslab_76, Blackbrain_76, Latch_81, Cali_76, Capablanca_83, Darko_81, Gamgam_81, Cleatunium_76, Lee7_79, Maby2021_81, Tainan_85, YemiJoy2021_82, MikeLiesIn_81, Tortoise16_79, Dietrick_74, JustHall_77, Rabinovish_78, Issimir_80, SmallFry_81, Bezza_70, Specks_87, Catera_79, Sebata_81, BigCity_88, LookingGlass_81, Patter_81, Delilah_81, Turret_76, Dandelion_87, Sprinklers_76, Zeenon_82, Drazdys_81, Littleton_81, Rizal_78, Pivoine_80, Adlitam_81, Ava3_82, Yassified_77, LordLeafolot_87, Substance289_77, FudgeTart_81, Stubby_74, PharkleMinkus_85, Burrough_81, CharlieB_77, Breeniome_81, GlutenPhree_82, Halldule_73, Trinitium_77, Shifa_70, Phox_77, ZygoTaiga_80, SilverDipper_82, Zalkecks_82, Grasshills_88, Montpel_78, EggyFarm_88, Atlantean_80, Roots515_80, Cane17_69, ShiaLabeouf_81, EasyJones_83, Matsumoto_80, I3_86, Daffodil_85, Phlegm_83, OrediggerDelux_79, Shaqnato_73, Shnickers_81, MoMoMixon_81, Gabriel_83, Salacia_85, Jezreel_81, McGee_82, JPickles_79,

Rocha_79

- Track 2 : Vortrix_96, Tonenili_95
- Track 3 : HyRo_74
- Track 4 : Phabba_80
- Track 5 : ScoobyDoobyDoo_70

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

The start number called the most often in the published annotations is 2, it was called in 180 of the 182 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ablatia_79, Ading_81, Adlitam_81, Alice_73, Amataga_81, ArcherS7_81, Asterius_84, Astraea_79, Atlantean_80, Audrick_83, Ava3_82, Babyland_80, BackyardAgain_78, BadAgartude_78, BananaFence_80, Bangla1971_82, Basquiat_77, BeanWater_73, Belieber_75, Bezza_70, BigCity_88, Bigswole_86, Bipolarisk_80, Blackbrain_76, Blackdragon_75, Blubba_71, BobaPhatt_75, Bonray_81, Bowman_79, Bread_81, Breeniome_81, Burrough_81, Bxz1_81, Cactojaque_76, Cali_76, Cane17_69, Capablanca_83, Catera_79, Chargie21_77, CharlieB_77, ChaylaJr_76, ChickenPhender_77, Chomp_80, CindyLou_82, Cleatunium_76, Colt_71, Concombre_88, DTDevon_82, Daffodil_85, Dandelion_87, Darko_81, DeejaClivia_70, Delilah_81, Delylah_84, Demodog_88, Derek_81, Dessert_78, Dietrick_74, DirtMonster_74, Domi_75, DrPhinkDaddy_80, Drazdys_81, Duckfeet_72, ET08_70, EasyJones_83, EggyFarm_88, EmToTheThree_84, EmmaElysia_80, Erdmann_81, ErnieJ_77, Essence_78, Ewok_82, Fixie_76, Flabslab_76, Fludd_81, Fongie_79, FoxtrotP1_81, FrayBell_87, FudgeTart_81, Gabriel_83, Gamgam_81, Ghost_80, Gizmo_85, GlutenPhree_82, Grasshills_88, Grungle_69, Guwapp_80, Halldule_73, HyRo_74, I3_86, IkeLoa_75, InigoMontoya_82, InterFolia_90, Iota_75, Issimir_80, Izajani_81, JPickles_79, Janiyra_83, JayJay_87, Jaygup_81, Jedediah_84, Jemmno_81, Jessibeth14_80, Jezreel_81, JigglyPuff_86, JulietS_74, JustHall_77, Kamryn_81, Kboogie_84, Khaleesi_80, Koguma_77, LRRHood_75, Labradorite_81, Latch_81, Lee7_79, Lethe_80, LifeSavor_80, LinStu_80, Littleton_81, Loanshark_81, LolaVinca_83, LookingGlass_81, LordLeafolot_87, Lukilu_71, Lunareta_78, Maby2021_81, Mangeria_81, Matsumoto_80, Maturis_77, McGee_82, McWolfish_79, Megamind_80, Melpomini_75, MikeLiesIn_81, Mikro_79, MoMoMixon_81, Moby_71, Moiqah_71, Momo_80, Montpel_78, Morizzled23_81, Naija_80, Napoleon13_77, Nappy_82, Naval22_89, NedWong_82, Ngannou_77, Nidhogg_81, NoodleTree_84, Norm_82, NuevoMundo_87, OrediggerDelux_79, ParkTD_82, Patter_81, PharkleMinkus_85, Phlegm_83, Phox_77, Phusco_81, Pier_85, Pinkcreek_71, Pio_84, Pivoine_80, Pleione_83, Primadonna_75, Pupusa_85, PurduePete_81, QBert_75, Quasimodo_81, Rabinovish_78, Rahel_80, Rizal_78, RoMag_76, Rocha_79, Ronan_74, Roots515_80, SVoro_79, Salacia_85, Sauce_81, ScottMcG_77, Sebata_81, Shaqnato_73, Shelob_83, ShiaLabeouf_81, Shifa_70, Shnickers_81, Shrimp_81, SilverDipper_82, SmallFry_81, SoilZilla_76, Spec_76, Specks_87, Sprinklers_76, Spud_80, SrishMeg2525_80, StephanieG_81, StubbySaigey_82, Stubby_74, Substance289_77, Tainan_85, Teardrop_81, TinyTim_81, Tonenili_95, Tortoise16_79, Trinitium_77, Turret_76, Tyke_83, ValleyTerrace_81, Vortrix_96, Wally_79, Willis_82, Yassified_77, YemiJoy2021_82, YoungMoneyMata_81, Yucca_80, Zalkecks_82, Zeenon_82, ZygoTaiga_80,

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

- Phabba_80, ScoobyDoobyDoo_70,

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

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Summary by start number:

Start 1:

- Found in 2 of 219 (0.9%) of genes in pham
- Manual Annotations of this start: 2 of 182
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Phabba_80 (C2), ScoobyDoobyDoo_70 (C2),

Start 2:

- Found in 219 of 219 (100.0%) of genes in pham
- Manual Annotations of this start: 180 of 182
- Called 99.1% of time when present
- Phage (with cluster) where this start called: Ablatia_79 (C1), Ading_81 (C1), Adlitam_81 (C1), Alice_73 (C1), Amataga_81 (C1), ArcherS7_81 (C1), Asterius_84 (C1), Astraea_79 (C1), Atlantean_80 (C1), Audrick_83 (C1), Ava3_82 (C1), Babyland_80 (C1), BackyardAgain_78 (C1), BadAgartude_78 (C1), BananaFence_80 (C1), Bangla1971_82 (C1), Basquiat_77 (C1), BeanWater_73 (C1), Belieber_75 (C1), Bezza_70 (C1), BigCity_88 (C1), Bigswole_86 (C1), Bipolarisk_80 (C1), Blackbrain_76 (C1), Blackdragon_75 (C1), Blubba_71 (C1), BobaPhatt_75 (C1), Bonray_81 (C1), Bowman_79 (C1), Bread_81 (C1), Breeniome_81 (C1), Burrough_81 (C1), Bxz1_81 (C1), Cactojaque_76 (C1), Cali_76 (C1), Cane17_69 (C1), Capablanca_83 (C1), Catera_79 (C1), Chargie21_77 (C1), CharlieB_77 (C1), ChaylaJr_76 (C1), ChickenPhender_77 (C1), Chomp_80 (C1), CindyLou_82 (C1), Cleatunium_76 (C1), Colt_71 (C1), Concombres_88 (C1), DTDevon_82 (C1), Daffodil_85 (C1), Dandelion_87 (C1), Darko_81 (C1), DeejaClivia_70 (C1), Delilah_81 (C1), Delylah_84 (C1), Demodog_88 (C1), Derek_81 (C1), Dessert_78 (C1), Dietrick_74 (C1), DirtMonster_74 (C1), Domi_75 (C1), DrPhinkDaddy_80 (C1), Drazdys_81 (C1), Duckfeet_72 (C1), ET08_70 (C1), EasyJones_83 (C1), EggyFarm_88 (C1), EmToTheThree_84 (C1), EmmaElysia_80 (C1), Erdmann_81 (C1), ErnieJ_77 (C1), Essence_78 (C1), Ewok_82 (C1), Fixie_76 (C1), Flabslab_76 (C1), Fludd_81 (C1), Fongie_79 (C1), FoxtrotP1_81 (C1), FrayBell_87 (C1), FudgeTart_81 (C1), Gabriel_83 (C1), Gamgam_81 (C1), Ghost_80 (C1), Gizmo_85 (C1), GlutenPhree_82 (C1), Grasshills_88 (C1), Grungle_69 (C1), Guwapp_80 (C1), Haldule_73 (C1), HyRo_74 (C1), I3_86 (C1), IkeLoa_75 (C1), InigoMontoya_82 (C1), InterFolia_90 (C1), Iota_75 (C1), Issimir_80 (C1), Izajani_81 (C1), JPickles_79 (C1), Janiyra_83 (C1), JayJay_87 (C1), Jaygup_81 (C1), Jediah_84 (C1), Jemmno_81 (C1), Jessibeth14_80 (C1), Jezreel_81 (C1), JigglyPuff_86 (C1), JulietS_74 (C1), JustHall_77 (C1), Kamryn_81 (C1), Kboogie_84 (C1), Khaleesi_80 (C1), Koguma_77 (C1), LRRHood_75 (C1), Labradorite_81 (C1), Latch_81 (C1), Lee7_79 (C1), Lethe_80 (C1), LifeSavor_80 (C1), LinStu_80 (C1), Littleton_81 (C1), Loanshark_81 (C1), LolaVinca_83 (C1), LookingGlass_81 (C1), LordLeafolot_87 (C1), Lukilu_71 (C1), Lunareta_78 (C1), Maby2021_81 (C1), Mangeria_81 (C1), Matsumoto_80 (C1), Maturis_77 (C1), McGee_82 (C1), McWolfish_79 (C1), Megamind_80 (C1), Melpomini_75 (C1), MikeLiesIn_81 (C1), Mikro_79 (C1), MoMoMixon_81 (C1), Moby_71 (C1), Moiqah_71 (C1), Momo_80 (C1), Montpel_78 (C1), Morizzled23_81

(C1), Naija_80 (C1), Napoleon13_77 (C1), Nappy_82 (C1), Naval22_89 (C1), NedWong_82 (C1), Ngannou_77 (C1), Nidhogg_81 (C1), NoodleTree_84 (C1), Norm_82 (C1), NuevoMundo_87 (C1), OrediggerDelux_79 (C1), ParkTD_82 (C1), Patter_81 (C1), PharkleMinkus_85 (C1), Phlegm_83 (C1), Phox_77 (C1), Phusco_81 (C1), Pier_85 (C1), Pinkcreek_71 (C1), Pio_84 (C1), Pivoine_80 (C1), Pleione_83 (C1), Primadonna_75 (C1), Pupusa_85 (C1), PurduePete_81 (C1), QBert_75 (C1), Quasimodo_81 (C1), Rabinovish_78 (C1), Rahel_80 (C1), Rizal_78 (C1), RoMag_76 (C1), Rocha_79 (C1), Ronan_74 (C1), Roots515_80 (C1), SVoro_79 (C1), Salacia_85 (C1), Sauce_81 (C1), ScottMcG_77 (C1), Sebata_81 (C1), Shaqnato_73 (C1), Shelob_83 (C1), ShiaLabeouf_81 (C1), Shifa_70 (C1), Shnickers_81 (C1), Shrimp_81 (C1), SilverDipper_82 (C1), SmallFry_81 (C1), SoilZilla_76 (C1), Spec_76 (C1), Specks_87 (C1), Sprinklers_76 (C1), Spud_80 (C1), SrishMeg2525_80 (C1), StephanieG_81 (C1), StubbySaigey_82 (C1), Stubby_74 (C1), Substance289_77 (C1), Tainan_85 (C1), Teardrop_81 (C1), TinyTim_81 (C1), Tonenili_95 (C1), Tortoise16_79 (C1), Trinitium_77 (C1), Turret_76 (C1), Tyke_83 (C1), ValleyTerrace_81 (C1), Vortrix_96 (C1), Wally_79 (C1), Willis_82 (C1), Yassified_77 (C1), YemiJoy2021_82 (C1), YoungMoneyMata_81 (C1), Yucca_80 (C1), Zalkecks_82 (C1), Zeenon_82 (C1), ZygoTaiga_80 (C1),

Summary by clusters:

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

Info for manual annotations of cluster C1:

- Start number 2 was manually annotated 180 times for cluster C1.

Info for manual annotations of cluster C2:

- Start number 1 was manually annotated 2 times for cluster C2.

Gene Information:

Gene: Ablatia_79 Start: 27948, Stop: 28109, Start Num: 2

Candidate Starts for Ablatia_79:

(Start: 2 @27948 has 180 MA's), (4, 27972), (5, 27981),

Gene: Ading_81 Start: 27990, Stop: 28151, Start Num: 2

Candidate Starts for Ading_81:

(Start: 2 @27990 has 180 MA's), (4, 28014), (5, 28023),

Gene: Adlitam_81 Start: 28007, Stop: 28168, Start Num: 2

Candidate Starts for Adlitam_81:

(Start: 2 @28007 has 180 MA's), (4, 28031), (5, 28040),

Gene: Alice_73 Start: 26881, Stop: 27042, Start Num: 2

Candidate Starts for Alice_73:

(Start: 2 @26881 has 180 MA's), (4, 26905), (5, 26914),

Gene: Amataga_81 Start: 28011, Stop: 28172, Start Num: 2

Candidate Starts for Amataga_81:

(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: ArcherS7_81 Start: 28374, Stop: 28535, Start Num: 2
Candidate Starts for ArcherS7_81:
(Start: 2 @28374 has 180 MA's), (4, 28398), (5, 28407),

Gene: Asterius_84 Start: 28409, Stop: 28570, Start Num: 2
Candidate Starts for Asterius_84:
(Start: 2 @28409 has 180 MA's), (4, 28433), (5, 28442),

Gene: Astraea_79 Start: 28288, Stop: 28449, Start Num: 2
Candidate Starts for Astraea_79:
(Start: 2 @28288 has 180 MA's), (4, 28312), (5, 28321),

Gene: Atlantean_80 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Atlantean_80:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Audrick_83 Start: 27990, Stop: 28151, Start Num: 2
Candidate Starts for Audrick_83:
(Start: 2 @27990 has 180 MA's), (4, 28014), (5, 28023),

Gene: Ava3_82 Start: 29160, Stop: 29321, Start Num: 2
Candidate Starts for Ava3_82:
(Start: 2 @29160 has 180 MA's), (4, 29184), (5, 29193),

Gene: Babyland_80 Start: 27449, Stop: 27610, Start Num: 2
Candidate Starts for Babyland_80:
(Start: 2 @27449 has 180 MA's), (4, 27473), (5, 27482),

Gene: BackyardAgain_78 Start: 27942, Stop: 28103, Start Num: 2
Candidate Starts for BackyardAgain_78:
(Start: 2 @27942 has 180 MA's), (4, 27966), (5, 27975),

Gene: BadAgartude_78 Start: 29048, Stop: 29209, Start Num: 2
Candidate Starts for BadAgartude_78:
(Start: 2 @29048 has 180 MA's), (4, 29072), (5, 29081),

Gene: BananaFence_80 Start: 28530, Stop: 28691, Start Num: 2
Candidate Starts for BananaFence_80:
(Start: 2 @28530 has 180 MA's), (4, 28554), (5, 28563),

Gene: Bangla1971_82 Start: 28504, Stop: 28665, Start Num: 2
Candidate Starts for Bangla1971_82:
(Start: 2 @28504 has 180 MA's), (4, 28528), (5, 28537),

Gene: Basquiat_77 Start: 27493, Stop: 27654, Start Num: 2
Candidate Starts for Basquiat_77:
(Start: 2 @27493 has 180 MA's), (4, 27517), (5, 27526),

Gene: BeanWater_73 Start: 27644, Stop: 27805, Start Num: 2
Candidate Starts for BeanWater_73:
(Start: 2 @27644 has 180 MA's), (4, 27668), (5, 27677),

Gene: Belieber_75 Start: 27363, Stop: 27524, Start Num: 2

Candidate Starts for Belieber_75:
(Start: 2 @27363 has 180 MA's), (4, 27387), (5, 27396),

Gene: Bezza_70 Start: 27478, Stop: 27639, Start Num: 2
Candidate Starts for Bezza_70:
(Start: 2 @27478 has 180 MA's), (4, 27502), (5, 27511),

Gene: BigCity_88 Start: 31187, Stop: 31348, Start Num: 2
Candidate Starts for BigCity_88:
(Start: 2 @31187 has 180 MA's), (4, 31211), (5, 31220),

Gene: Bigswole_86 Start: 30775, Stop: 30936, Start Num: 2
Candidate Starts for Bigswole_86:
(Start: 2 @30775 has 180 MA's), (4, 30799), (5, 30808),

Gene: Bipolarisk_80 Start: 28812, Stop: 28973, Start Num: 2
Candidate Starts for Bipolarisk_80:
(Start: 2 @28812 has 180 MA's), (4, 28836), (5, 28845),

Gene: Blackbrain_76 Start: 27310, Stop: 27471, Start Num: 2
Candidate Starts for Blackbrain_76:
(Start: 2 @27310 has 180 MA's), (4, 27334), (5, 27343),

Gene: Blackdragon_75 Start: 27613, Stop: 27774, Start Num: 2
Candidate Starts for Blackdragon_75:
(Start: 2 @27613 has 180 MA's), (4, 27637), (5, 27646),

Gene: Blubba_71 Start: 25684, Stop: 25845, Start Num: 2
Candidate Starts for Blubba_71:
(Start: 2 @25684 has 180 MA's), (4, 25708), (5, 25717),

Gene: BobaPhatt_75 Start: 27132, Stop: 27293, Start Num: 2
Candidate Starts for BobaPhatt_75:
(Start: 2 @27132 has 180 MA's), (4, 27156), (5, 27165),

Gene: Bonray_81 Start: 29092, Stop: 29253, Start Num: 2
Candidate Starts for Bonray_81:
(Start: 2 @29092 has 180 MA's), (4, 29116), (5, 29125),

Gene: Bowman_79 Start: 28919, Stop: 29080, Start Num: 2
Candidate Starts for Bowman_79:
(Start: 2 @28919 has 180 MA's), (4, 28943), (5, 28952),

Gene: Bread_81 Start: 28746, Stop: 28907, Start Num: 2
Candidate Starts for Bread_81:
(Start: 2 @28746 has 180 MA's), (4, 28770), (5, 28779),

Gene: Breeniome_81 Start: 27835, Stop: 27996, Start Num: 2
Candidate Starts for Breeniome_81:
(Start: 2 @27835 has 180 MA's), (4, 27859), (5, 27868),

Gene: Burrough_81 Start: 28779, Stop: 28940, Start Num: 2
Candidate Starts for Burrough_81:

(Start: 2 @28779 has 180 MA's), (4, 28803), (5, 28812),

Gene: Bxz1_81 Start: 29830, Stop: 29991, Start Num: 2

Candidate Starts for Bxz1_81:

(Start: 2 @29830 has 180 MA's), (4, 29854), (5, 29863),

Gene: Cactojaque_76 Start: 27417, Stop: 27578, Start Num: 2

Candidate Starts for Cactojaque_76:

(Start: 2 @27417 has 180 MA's), (4, 27441), (5, 27450),

Gene: Cali_76 Start: 28881, Stop: 29042, Start Num: 2

Candidate Starts for Cali_76:

(Start: 2 @28881 has 180 MA's), (4, 28905), (5, 28914),

Gene: Cane17_69 Start: 25294, Stop: 25455, Start Num: 2

Candidate Starts for Cane17_69:

(Start: 2 @25294 has 180 MA's), (4, 25318), (5, 25327),

Gene: Capablanca_83 Start: 29136, Stop: 29297, Start Num: 2

Candidate Starts for Capablanca_83:

(Start: 2 @29136 has 180 MA's), (4, 29160), (5, 29169),

Gene: Catera_79 Start: 27557, Stop: 27718, Start Num: 2

Candidate Starts for Catera_79:

(Start: 2 @27557 has 180 MA's), (4, 27581), (5, 27590),

Gene: Chargie21_77 Start: 27493, Stop: 27654, Start Num: 2

Candidate Starts for Chargie21_77:

(Start: 2 @27493 has 180 MA's), (4, 27517), (5, 27526),

Gene: CharlieB_77 Start: 26879, Stop: 27040, Start Num: 2

Candidate Starts for CharlieB_77:

(Start: 2 @26879 has 180 MA's), (4, 26903), (5, 26912),

Gene: ChaylaJr_76 Start: 27208, Stop: 27369, Start Num: 2

Candidate Starts for ChaylaJr_76:

(Start: 2 @27208 has 180 MA's), (4, 27232), (5, 27241),

Gene: ChickenPhender_77 Start: 27541, Stop: 27702, Start Num: 2

Candidate Starts for ChickenPhender_77:

(Start: 2 @27541 has 180 MA's), (4, 27565), (5, 27574),

Gene: Chomp_80 Start: 28011, Stop: 28172, Start Num: 2

Candidate Starts for Chomp_80:

(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: CindyLou_82 Start: 28536, Stop: 28697, Start Num: 2

Candidate Starts for CindyLou_82:

(Start: 2 @28536 has 180 MA's), (4, 28560), (5, 28569),

Gene: Cleatunium_76 Start: 28015, Stop: 28176, Start Num: 2

Candidate Starts for Cleatunium_76:

(Start: 2 @28015 has 180 MA's), (4, 28039), (5, 28048),

Gene: Colt_71 Start: 26356, Stop: 26517, Start Num: 2
Candidate Starts for Colt_71:
(Start: 2 @26356 has 180 MA's), (4, 26380), (5, 26389),

Gene: Concombres_88 Start: 31465, Stop: 31626, Start Num: 2
Candidate Starts for Concombres_88:
(Start: 2 @31465 has 180 MA's), (4, 31489), (5, 31498),

Gene: DTDevon_82 Start: 29175, Stop: 29336, Start Num: 2
Candidate Starts for DTDevon_82:
(Start: 2 @29175 has 180 MA's), (4, 29199), (5, 29208),

Gene: Daffodil_85 Start: 29100, Stop: 29261, Start Num: 2
Candidate Starts for Daffodil_85:
(Start: 2 @29100 has 180 MA's), (4, 29124), (5, 29133),

Gene: Dandelion_87 Start: 31181, Stop: 31342, Start Num: 2
Candidate Starts for Dandelion_87:
(Start: 2 @31181 has 180 MA's), (4, 31205), (5, 31214),

Gene: Darko_81 Start: 28918, Stop: 29079, Start Num: 2
Candidate Starts for Darko_81:
(Start: 2 @28918 has 180 MA's), (4, 28942), (5, 28951),

Gene: DeejaClivia_70 Start: 25390, Stop: 25551, Start Num: 2
Candidate Starts for DeejaClivia_70:
(Start: 2 @25390 has 180 MA's), (4, 25414), (5, 25423),

Gene: Delilah_81 Start: 29101, Stop: 29262, Start Num: 2
Candidate Starts for Delilah_81:
(Start: 2 @29101 has 180 MA's), (4, 29125), (5, 29134),

Gene: Delylah_84 Start: 28894, Stop: 29055, Start Num: 2
Candidate Starts for Delylah_84:
(Start: 2 @28894 has 180 MA's), (4, 28918), (5, 28927),

Gene: Demodog_88 Start: 31465, Stop: 31626, Start Num: 2
Candidate Starts for Demodog_88:
(Start: 2 @31465 has 180 MA's), (4, 31489), (5, 31498),

Gene: Derek_81 Start: 28342, Stop: 28503, Start Num: 2
Candidate Starts for Derek_81:
(Start: 2 @28342 has 180 MA's), (4, 28366), (5, 28375),

Gene: Dessert_78 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Dessert_78:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Dietrick_74 Start: 27219, Stop: 27380, Start Num: 2
Candidate Starts for Dietrick_74:
(Start: 2 @27219 has 180 MA's), (4, 27243), (5, 27252),

Gene: DirtMonster_74 Start: 27738, Stop: 27899, Start Num: 2
Candidate Starts for DirtMonster_74:
(Start: 2 @27738 has 180 MA's), (4, 27762), (5, 27771),

Gene: Domi_75 Start: 28312, Stop: 28473, Start Num: 2
Candidate Starts for Domi_75:
(Start: 2 @28312 has 180 MA's), (4, 28336), (5, 28345),

Gene: DrPhinkDaddy_80 Start: 29156, Stop: 29317, Start Num: 2
Candidate Starts for DrPhinkDaddy_80:
(Start: 2 @29156 has 180 MA's), (4, 29180), (5, 29189),

Gene: Drazdys_81 Start: 28848, Stop: 29009, Start Num: 2
Candidate Starts for Drazdys_81:
(Start: 2 @28848 has 180 MA's), (4, 28872), (5, 28881),

Gene: Duckfeet_72 Start: 26846, Stop: 27007, Start Num: 2
Candidate Starts for Duckfeet_72:
(Start: 2 @26846 has 180 MA's), (4, 26870), (5, 26879),

Gene: ET08_70 Start: 26747, Stop: 26908, Start Num: 2
Candidate Starts for ET08_70:
(Start: 2 @26747 has 180 MA's), (4, 26771), (5, 26780),

Gene: EasyJones_83 Start: 28600, Stop: 28761, Start Num: 2
Candidate Starts for EasyJones_83:
(Start: 2 @28600 has 180 MA's), (4, 28624), (5, 28633),

Gene: EggyFarm_88 Start: 31187, Stop: 31348, Start Num: 2
Candidate Starts for EggyFarm_88:
(Start: 2 @31187 has 180 MA's), (4, 31211), (5, 31220),

Gene: EmToTheThree_84 Start: 30573, Stop: 30734, Start Num: 2
Candidate Starts for EmToTheThree_84:
(Start: 2 @30573 has 180 MA's), (4, 30597), (5, 30606),

Gene: EmmaElysia_80 Start: 27581, Stop: 27742, Start Num: 2
Candidate Starts for EmmaElysia_80:
(Start: 2 @27581 has 180 MA's), (4, 27605), (5, 27614),

Gene: Erdmann_81 Start: 29101, Stop: 29262, Start Num: 2
Candidate Starts for Erdmann_81:
(Start: 2 @29101 has 180 MA's), (4, 29125), (5, 29134),

Gene: ErnieJ_77 Start: 27497, Stop: 27658, Start Num: 2
Candidate Starts for ErnieJ_77:
(Start: 2 @27497 has 180 MA's), (4, 27521), (5, 27530),

Gene: Essence_78 Start: 27094, Stop: 27255, Start Num: 2
Candidate Starts for Essence_78:
(Start: 2 @27094 has 180 MA's), (4, 27118), (5, 27127),

Gene: Ewok_82 Start: 29103, Stop: 29264, Start Num: 2

Candidate Starts for Ewok_82:
(Start: 2 @29103 has 180 MA's), (4, 29127), (5, 29136),

Gene: Fixie_76 Start: 27211, Stop: 27372, Start Num: 2
Candidate Starts for Fixie_76:
(Start: 2 @27211 has 180 MA's), (4, 27235), (5, 27244),

Gene: Flabslab_76 Start: 27320, Stop: 27481, Start Num: 2
Candidate Starts for Flabslab_76:
(Start: 2 @27320 has 180 MA's), (4, 27344), (5, 27353),

Gene: Fludd_81 Start: 27940, Stop: 28101, Start Num: 2
Candidate Starts for Fludd_81:
(Start: 2 @27940 has 180 MA's), (4, 27964), (5, 27973),

Gene: Fongie_79 Start: 29316, Stop: 29477, Start Num: 2
Candidate Starts for Fongie_79:
(Start: 2 @29316 has 180 MA's), (4, 29340), (5, 29349),

Gene: FoxtrotP1_81 Start: 29503, Stop: 29664, Start Num: 2
Candidate Starts for FoxtrotP1_81:
(Start: 2 @29503 has 180 MA's), (4, 29527), (5, 29536),

Gene: FrayBell_87 Start: 30433, Stop: 30594, Start Num: 2
Candidate Starts for FrayBell_87:
(Start: 2 @30433 has 180 MA's), (4, 30457), (5, 30466),

Gene: FudgeTart_81 Start: 28216, Stop: 28377, Start Num: 2
Candidate Starts for FudgeTart_81:
(Start: 2 @28216 has 180 MA's), (4, 28240), (5, 28249),

Gene: Gabriel_83 Start: 28244, Stop: 28405, Start Num: 2
Candidate Starts for Gabriel_83:
(Start: 2 @28244 has 180 MA's), (4, 28268), (5, 28277),

Gene: Gamgam_81 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Gamgam_81:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Ghost_80 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Ghost_80:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Gizmo_85 Start: 28784, Stop: 28945, Start Num: 2
Candidate Starts for Gizmo_85:
(Start: 2 @28784 has 180 MA's), (4, 28808), (5, 28817),

Gene: GlutenPhree_82 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for GlutenPhree_82:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Grasshills_88 Start: 31187, Stop: 31348, Start Num: 2
Candidate Starts for Grasshills_88:

(Start: 2 @31187 has 180 MA's), (4, 31211), (5, 31220),

Gene: Grungle_69 Start: 25431, Stop: 25592, Start Num: 2

Candidate Starts for Grungle_69:

(Start: 2 @25431 has 180 MA's), (4, 25455), (5, 25464),

Gene: Guwapp_80 Start: 28106, Stop: 28267, Start Num: 2

Candidate Starts for Guwapp_80:

(Start: 2 @28106 has 180 MA's), (4, 28130), (5, 28139),

Gene: Halldule_73 Start: 26461, Stop: 26622, Start Num: 2

Candidate Starts for Halldule_73:

(Start: 2 @26461 has 180 MA's), (4, 26485), (5, 26494),

Gene: HyRo_74 Start: 27711, Stop: 27872, Start Num: 2

Candidate Starts for HyRo_74:

(Start: 2 @27711 has 180 MA's), (5, 27744),

Gene: I3_86 Start: 29383, Stop: 29544, Start Num: 2

Candidate Starts for I3_86:

(Start: 2 @29383 has 180 MA's), (4, 29407), (5, 29416),

Gene: IkeLoa_75 Start: 27349, Stop: 27510, Start Num: 2

Candidate Starts for IkeLoa_75:

(Start: 2 @27349 has 180 MA's), (4, 27373), (5, 27382),

Gene: InigoMontoya_82 Start: 27972, Stop: 28133, Start Num: 2

Candidate Starts for InigoMontoya_82:

(Start: 2 @27972 has 180 MA's), (4, 27996), (5, 28005),

Gene: InterFolia_90 Start: 31553, Stop: 31714, Start Num: 2

Candidate Starts for InterFolia_90:

(Start: 2 @31553 has 180 MA's), (4, 31577), (5, 31586),

Gene: Iota_75 Start: 27790, Stop: 27951, Start Num: 2

Candidate Starts for Iota_75:

(Start: 2 @27790 has 180 MA's), (4, 27814), (5, 27823),

Gene: Issimir_80 Start: 29044, Stop: 29205, Start Num: 2

Candidate Starts for Issimir_80:

(Start: 2 @29044 has 180 MA's), (4, 29068), (5, 29077),

Gene: Izajani_81 Start: 29117, Stop: 29278, Start Num: 2

Candidate Starts for Izajani_81:

(Start: 2 @29117 has 180 MA's), (4, 29141), (5, 29150),

Gene: JPickles_79 Start: 26438, Stop: 26599, Start Num: 2

Candidate Starts for JPickles_79:

(Start: 2 @26438 has 180 MA's), (4, 26462), (5, 26471),

Gene: Janiyra_83 Start: 28770, Stop: 28931, Start Num: 2

Candidate Starts for Janiyra_83:

(Start: 2 @28770 has 180 MA's), (4, 28794), (5, 28803),

Gene: JayJay_87 Start: 29597, Stop: 29758, Start Num: 2
Candidate Starts for JayJay_87:
(Start: 2 @29597 has 180 MA's), (4, 29621), (5, 29630),

Gene: Jaygup_81 Start: 28008, Stop: 28169, Start Num: 2
Candidate Starts for Jaygup_81:
(Start: 2 @28008 has 180 MA's), (4, 28032), (5, 28041),

Gene: Jedediah_84 Start: 28508, Stop: 28669, Start Num: 2
Candidate Starts for Jedediah_84:
(Start: 2 @28508 has 180 MA's), (4, 28532), (5, 28541),

Gene: Jemmno_81 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Jemmno_81:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Jessibeth14_80 Start: 28886, Stop: 29047, Start Num: 2
Candidate Starts for Jessibeth14_80:
(Start: 2 @28886 has 180 MA's), (4, 28910), (5, 28919),

Gene: Jezreel_81 Start: 28683, Stop: 28844, Start Num: 2
Candidate Starts for Jezreel_81:
(Start: 2 @28683 has 180 MA's), (4, 28707), (5, 28716),

Gene: JigglyPuff_86 Start: 30796, Stop: 30957, Start Num: 2
Candidate Starts for JigglyPuff_86:
(Start: 2 @30796 has 180 MA's), (4, 30820), (5, 30829),

Gene: JulietS_74 Start: 26312, Stop: 26473, Start Num: 2
Candidate Starts for JulietS_74:
(Start: 2 @26312 has 180 MA's), (4, 26336), (5, 26345),

Gene: JustHall_77 Start: 28330, Stop: 28491, Start Num: 2
Candidate Starts for JustHall_77:
(Start: 2 @28330 has 180 MA's), (4, 28354), (5, 28363),

Gene: Kamryn_81 Start: 29043, Stop: 29204, Start Num: 2
Candidate Starts for Kamryn_81:
(Start: 2 @29043 has 180 MA's), (4, 29067), (5, 29076),

Gene: Kboogie_84 Start: 28052, Stop: 28213, Start Num: 2
Candidate Starts for Kboogie_84:
(Start: 2 @28052 has 180 MA's), (4, 28076), (5, 28085),

Gene: Khaleesi_80 Start: 28848, Stop: 29009, Start Num: 2
Candidate Starts for Khaleesi_80:
(Start: 2 @28848 has 180 MA's), (4, 28872), (5, 28881),

Gene: Koguma_77 Start: 26532, Stop: 26693, Start Num: 2
Candidate Starts for Koguma_77:
(Start: 2 @26532 has 180 MA's), (4, 26556), (5, 26565),

Gene: LRRHood_75 Start: 28351, Stop: 28512, Start Num: 2
Candidate Starts for LRRHood_75:
(Start: 2 @28351 has 180 MA's), (4, 28375), (5, 28384),

Gene: Labradorite_81 Start: 28128, Stop: 28289, Start Num: 2
Candidate Starts for Labradorite_81:
(Start: 2 @28128 has 180 MA's), (4, 28152), (5, 28161),

Gene: Latch_81 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Latch_81:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Lee7_79 Start: 29101, Stop: 29262, Start Num: 2
Candidate Starts for Lee7_79:
(Start: 2 @29101 has 180 MA's), (4, 29125), (5, 29134),

Gene: Lethe_80 Start: 29296, Stop: 29457, Start Num: 2
Candidate Starts for Lethe_80:
(Start: 2 @29296 has 180 MA's), (4, 29320), (5, 29329),

Gene: LifeSavor_80 Start: 27731, Stop: 27892, Start Num: 2
Candidate Starts for LifeSavor_80:
(Start: 2 @27731 has 180 MA's), (4, 27755), (5, 27764),

Gene: LinStu_80 Start: 29510, Stop: 29671, Start Num: 2
Candidate Starts for LinStu_80:
(Start: 2 @29510 has 180 MA's), (4, 29534), (5, 29543),

Gene: Littleton_81 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Littleton_81:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Loanshark_81 Start: 29101, Stop: 29262, Start Num: 2
Candidate Starts for Loanshark_81:
(Start: 2 @29101 has 180 MA's), (4, 29125), (5, 29134),

Gene: LolaVinca_83 Start: 30261, Stop: 30422, Start Num: 2
Candidate Starts for LolaVinca_83:
(Start: 2 @30261 has 180 MA's), (4, 30285), (5, 30294),

Gene: LookingGlass_81 Start: 29093, Stop: 29254, Start Num: 2
Candidate Starts for LookingGlass_81:
(Start: 2 @29093 has 180 MA's), (4, 29117), (5, 29126),

Gene: LordLeafolot_87 Start: 30432, Stop: 30593, Start Num: 2
Candidate Starts for LordLeafolot_87:
(Start: 2 @30432 has 180 MA's), (4, 30456), (5, 30465),

Gene: Lukilu_71 Start: 27554, Stop: 27715, Start Num: 2
Candidate Starts for Lukilu_71:
(Start: 2 @27554 has 180 MA's), (4, 27578), (5, 27587),

Gene: Lunareta_78 Start: 29367, Stop: 29528, Start Num: 2

Candidate Starts for Lunareta_78:
(Start: 2 @29367 has 180 MA's), (4, 29391), (5, 29400),

Gene: Maby2021_81 Start: 28782, Stop: 28943, Start Num: 2
Candidate Starts for Maby2021_81:
(Start: 2 @28782 has 180 MA's), (4, 28806), (5, 28815),

Gene: Mangeria_81 Start: 28522, Stop: 28683, Start Num: 2
Candidate Starts for Mangeria_81:
(Start: 2 @28522 has 180 MA's), (4, 28546), (5, 28555),

Gene: Matsumoto_80 Start: 27972, Stop: 28133, Start Num: 2
Candidate Starts for Matsumoto_80:
(Start: 2 @27972 has 180 MA's), (4, 27996), (5, 28005),

Gene: Maturis_77 Start: 28507, Stop: 28668, Start Num: 2
Candidate Starts for Maturis_77:
(Start: 2 @28507 has 180 MA's), (4, 28531), (5, 28540),

Gene: McGee_82 Start: 27195, Stop: 27356, Start Num: 2
Candidate Starts for McGee_82:
(Start: 2 @27195 has 180 MA's), (4, 27219), (5, 27228),

Gene: McWolfish_79 Start: 28529, Stop: 28690, Start Num: 2
Candidate Starts for McWolfish_79:
(Start: 2 @28529 has 180 MA's), (4, 28553), (5, 28562),

Gene: Megamind_80 Start: 28767, Stop: 28928, Start Num: 2
Candidate Starts for Megamind_80:
(Start: 2 @28767 has 180 MA's), (4, 28791), (5, 28800),

Gene: Melpomini_75 Start: 26565, Stop: 26726, Start Num: 2
Candidate Starts for Melpomini_75:
(Start: 2 @26565 has 180 MA's), (4, 26589), (5, 26598),

Gene: MikeLiesIn_81 Start: 29114, Stop: 29275, Start Num: 2
Candidate Starts for MikeLiesIn_81:
(Start: 2 @29114 has 180 MA's), (4, 29138), (5, 29147),

Gene: Mikro_79 Start: 29908, Stop: 30069, Start Num: 2
Candidate Starts for Mikro_79:
(Start: 2 @29908 has 180 MA's), (4, 29932), (5, 29941),

Gene: MoMoMixon_81 Start: 29214, Stop: 29375, Start Num: 2
Candidate Starts for MoMoMixon_81:
(Start: 2 @29214 has 180 MA's), (4, 29238), (5, 29247),

Gene: Moby_71 Start: 24781, Stop: 24942, Start Num: 2
Candidate Starts for Moby_71:
(Start: 2 @24781 has 180 MA's), (4, 24805), (5, 24814),

Gene: Moiqah_71 Start: 24781, Stop: 24942, Start Num: 2
Candidate Starts for Moiqah_71:

(Start: 2 @24781 has 180 MA's), (4, 24805), (5, 24814),

Gene: Momo_80 Start: 28011, Stop: 28172, Start Num: 2

Candidate Starts for Momo_80:

(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Montpel_78 Start: 29367, Stop: 29528, Start Num: 2

Candidate Starts for Montpel_78:

(Start: 2 @29367 has 180 MA's), (4, 29391), (5, 29400),

Gene: Morizzled23_81 Start: 28180, Stop: 28341, Start Num: 2

Candidate Starts for Morizzled23_81:

(Start: 2 @28180 has 180 MA's), (4, 28204), (5, 28213),

Gene: Naija_80 Start: 28011, Stop: 28172, Start Num: 2

Candidate Starts for Naija_80:

(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Napoleon13_77 Start: 26909, Stop: 27070, Start Num: 2

Candidate Starts for Napoleon13_77:

(Start: 2 @26909 has 180 MA's), (4, 26933), (5, 26942),

Gene: Nappy_82 Start: 29403, Stop: 29564, Start Num: 2

Candidate Starts for Nappy_82:

(Start: 2 @29403 has 180 MA's), (4, 29427), (5, 29436),

Gene: Naval22_89 Start: 30123, Stop: 30284, Start Num: 2

Candidate Starts for Naval22_89:

(Start: 2 @30123 has 180 MA's), (4, 30147), (5, 30156),

Gene: NedWong_82 Start: 29101, Stop: 29262, Start Num: 2

Candidate Starts for NedWong_82:

(Start: 2 @29101 has 180 MA's), (4, 29125), (5, 29134),

Gene: Ngannou_77 Start: 26993, Stop: 27154, Start Num: 2

Candidate Starts for Ngannou_77:

(Start: 2 @26993 has 180 MA's), (4, 27017), (5, 27026),

Gene: Nidhogg_81 Start: 28955, Stop: 29116, Start Num: 2

Candidate Starts for Nidhogg_81:

(Start: 2 @28955 has 180 MA's), (4, 28979), (5, 28988),

Gene: NoodleTree_84 Start: 29550, Stop: 29711, Start Num: 2

Candidate Starts for NoodleTree_84:

(Start: 2 @29550 has 180 MA's), (4, 29574), (5, 29583),

Gene: Norm_82 Start: 29103, Stop: 29264, Start Num: 2

Candidate Starts for Norm_82:

(Start: 2 @29103 has 180 MA's), (4, 29127), (5, 29136),

Gene: NuevoMundo_87 Start: 30480, Stop: 30641, Start Num: 2

Candidate Starts for NuevoMundo_87:

(Start: 2 @30480 has 180 MA's), (4, 30504), (5, 30513),

Gene: OrediggerDelux_79 Start: 29103, Stop: 29264, Start Num: 2
Candidate Starts for OrediggerDelux_79:
(Start: 2 @29103 has 180 MA's), (4, 29127), (5, 29136),

Gene: ParkTD_82 Start: 29097, Stop: 29258, Start Num: 2
Candidate Starts for ParkTD_82:
(Start: 2 @29097 has 180 MA's), (4, 29121), (5, 29130),

Gene: Patter_81 Start: 28028, Stop: 28189, Start Num: 2
Candidate Starts for Patter_81:
(Start: 2 @28028 has 180 MA's), (4, 28052), (5, 28061),

Gene: Phabba_80 Start: 29787, Stop: 29933, Start Num: 1
Candidate Starts for Phabba_80:
(Start: 1 @29787 has 2 MA's), (Start: 2 @29796 has 180 MA's), (7, 29874),

Gene: PharkleMinkus_85 Start: 30433, Stop: 30594, Start Num: 2
Candidate Starts for PharkleMinkus_85:
(Start: 2 @30433 has 180 MA's), (4, 30457), (5, 30466),

Gene: Phlegm_83 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Phlegm_83:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Phox_77 Start: 29033, Stop: 29194, Start Num: 2
Candidate Starts for Phox_77:
(Start: 2 @29033 has 180 MA's), (4, 29057), (5, 29066),

Gene: Phusco_81 Start: 28821, Stop: 28982, Start Num: 2
Candidate Starts for Phusco_81:
(Start: 2 @28821 has 180 MA's), (4, 28845), (5, 28854),

Gene: Pier_85 Start: 29181, Stop: 29342, Start Num: 2
Candidate Starts for Pier_85:
(Start: 2 @29181 has 180 MA's), (4, 29205), (5, 29214),

Gene: Pinkcreek_71 Start: 26192, Stop: 26353, Start Num: 2
Candidate Starts for Pinkcreek_71:
(Start: 2 @26192 has 180 MA's), (4, 26216), (5, 26225),

Gene: Pio_84 Start: 29448, Stop: 29609, Start Num: 2
Candidate Starts for Pio_84:
(Start: 2 @29448 has 180 MA's), (4, 29472), (5, 29481),

Gene: Pivoine_80 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for Pivoine_80:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Pleione_83 Start: 29100, Stop: 29261, Start Num: 2
Candidate Starts for Pleione_83:
(Start: 2 @29100 has 180 MA's), (4, 29124), (5, 29133),

Gene: Primadonna_75 Start: 27995, Stop: 28156, Start Num: 2
Candidate Starts for Primadonna_75:
(Start: 2 @27995 has 180 MA's), (4, 28019), (5, 28028),

Gene: Pupusa_85 Start: 30800, Stop: 30961, Start Num: 2
Candidate Starts for Pupusa_85:
(Start: 2 @30800 has 180 MA's), (4, 30824), (5, 30833),

Gene: PurduePete_81 Start: 29145, Stop: 29306, Start Num: 2
Candidate Starts for PurduePete_81:
(Start: 2 @29145 has 180 MA's), (4, 29169), (5, 29178),

Gene: QBert_75 Start: 28544, Stop: 28705, Start Num: 2
Candidate Starts for QBert_75:
(Start: 2 @28544 has 180 MA's), (4, 28568), (5, 28577),

Gene: Quasimodo_81 Start: 29029, Stop: 29190, Start Num: 2
Candidate Starts for Quasimodo_81:
(Start: 2 @29029 has 180 MA's), (4, 29053), (5, 29062),

Gene: Rabinovish_78 Start: 28906, Stop: 29067, Start Num: 2
Candidate Starts for Rabinovish_78:
(Start: 2 @28906 has 180 MA's), (4, 28930), (5, 28939),

Gene: Rahel_80 Start: 27609, Stop: 27770, Start Num: 2
Candidate Starts for Rahel_80:
(Start: 2 @27609 has 180 MA's), (4, 27633), (5, 27642),

Gene: Rizal_78 Start: 28018, Stop: 28179, Start Num: 2
Candidate Starts for Rizal_78:
(Start: 2 @28018 has 180 MA's), (4, 28042), (5, 28051),

Gene: RoMag_76 Start: 28343, Stop: 28504, Start Num: 2
Candidate Starts for RoMag_76:
(Start: 2 @28343 has 180 MA's), (4, 28367), (5, 28376),

Gene: Rocha_79 Start: 28430, Stop: 28591, Start Num: 2
Candidate Starts for Rocha_79:
(Start: 2 @28430 has 180 MA's), (4, 28454), (5, 28463),

Gene: Ronan_74 Start: 25850, Stop: 26011, Start Num: 2
Candidate Starts for Ronan_74:
(Start: 2 @25850 has 180 MA's), (4, 25874), (5, 25883),

Gene: Roots515_80 Start: 28470, Stop: 28631, Start Num: 2
Candidate Starts for Roots515_80:
(Start: 2 @28470 has 180 MA's), (4, 28494), (5, 28503),

Gene: SVoro_79 Start: 29095, Stop: 29256, Start Num: 2
Candidate Starts for SVoro_79:
(Start: 2 @29095 has 180 MA's), (4, 29119), (5, 29128),

Gene: Salacia_85 Start: 29123, Stop: 29284, Start Num: 2

Candidate Starts for Salacia_85:
(Start: 2 @29123 has 180 MA's), (4, 29147), (5, 29156),

Gene: Sauce_81 Start: 27898, Stop: 28059, Start Num: 2
Candidate Starts for Sauce_81:
(Start: 2 @27898 has 180 MA's), (4, 27922), (5, 27931),

Gene: ScoobyDoobyDoo_70 Start: 25846, Stop: 25983, Start Num: 1
Candidate Starts for ScoobyDoobyDoo_70:
(Start: 1 @25846 has 2 MA's), (Start: 2 @25855 has 180 MA's), (6, 25918), (8, 25942),

Gene: ScottMcG_77 Start: 28455, Stop: 28616, Start Num: 2
Candidate Starts for ScottMcG_77:
(Start: 2 @28455 has 180 MA's), (4, 28479), (5, 28488),

Gene: Sebata_81 Start: 29629, Stop: 29790, Start Num: 2
Candidate Starts for Sebata_81:
(Start: 2 @29629 has 180 MA's), (4, 29653), (5, 29662),

Gene: Shaqnato_73 Start: 26773, Stop: 26934, Start Num: 2
Candidate Starts for Shaqnato_73:
(Start: 2 @26773 has 180 MA's), (4, 26797), (5, 26806),

Gene: Shelob_83 Start: 30093, Stop: 30254, Start Num: 2
Candidate Starts for Shelob_83:
(Start: 2 @30093 has 180 MA's), (4, 30117), (5, 30126),

Gene: ShiaLabeouf_81 Start: 28448, Stop: 28609, Start Num: 2
Candidate Starts for ShiaLabeouf_81:
(Start: 2 @28448 has 180 MA's), (4, 28472), (5, 28481),

Gene: Shifa_70 Start: 26735, Stop: 26896, Start Num: 2
Candidate Starts for Shifa_70:
(Start: 2 @26735 has 180 MA's), (4, 26759), (5, 26768),

Gene: Shnickers_81 Start: 28008, Stop: 28169, Start Num: 2
Candidate Starts for Shnickers_81:
(Start: 2 @28008 has 180 MA's), (4, 28032), (5, 28041),

Gene: Shrimp_81 Start: 29105, Stop: 29266, Start Num: 2
Candidate Starts for Shrimp_81:
(Start: 2 @29105 has 180 MA's), (4, 29129), (5, 29138),

Gene: SilverDipper_82 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for SilverDipper_82:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: SmallFry_81 Start: 28007, Stop: 28168, Start Num: 2
Candidate Starts for SmallFry_81:
(Start: 2 @28007 has 180 MA's), (4, 28031), (5, 28040),

Gene: SoilZilla_76 Start: 28121, Stop: 28282, Start Num: 2
Candidate Starts for SoilZilla_76:

(Start: 2 @28121 has 180 MA's), (4, 28145), (5, 28154),

Gene: Spec_76 Start: 27731, Stop: 27892, Start Num: 2

Candidate Starts for Spec_76:

(Start: 2 @27731 has 180 MA's), (4, 27755), (5, 27764),

Gene: Specks_87 Start: 30895, Stop: 31056, Start Num: 2

Candidate Starts for Specks_87:

(Start: 2 @30895 has 180 MA's), (4, 30919), (5, 30928),

Gene: Sprinklers_76 Start: 27270, Stop: 27431, Start Num: 2

Candidate Starts for Sprinklers_76:

(Start: 2 @27270 has 180 MA's), (4, 27294), (5, 27303),

Gene: Spud_80 Start: 29416, Stop: 29577, Start Num: 2

Candidate Starts for Spud_80:

(Start: 2 @29416 has 180 MA's), (4, 29440), (5, 29449),

Gene: SrishMeg2525_80 Start: 28812, Stop: 28973, Start Num: 2

Candidate Starts for SrishMeg2525_80:

(Start: 2 @28812 has 180 MA's), (4, 28836), (5, 28845),

Gene: StephanieG_81 Start: 29800, Stop: 29961, Start Num: 2

Candidate Starts for StephanieG_81:

(Start: 2 @29800 has 180 MA's), (4, 29824), (5, 29833),

Gene: Stubby_74 Start: 27519, Stop: 27680, Start Num: 2

Candidate Starts for Stubby_74:

(Start: 2 @27519 has 180 MA's), (4, 27543), (5, 27552),

Gene: StubbySaigey_82 Start: 27741, Stop: 27902, Start Num: 2

Candidate Starts for StubbySaigey_82:

(Start: 2 @27741 has 180 MA's), (4, 27765), (5, 27774),

Gene: Substance289_77 Start: 27481, Stop: 27642, Start Num: 2

Candidate Starts for Substance289_77:

(Start: 2 @27481 has 180 MA's), (4, 27505), (5, 27514),

Gene: Tainan_85 Start: 30432, Stop: 30593, Start Num: 2

Candidate Starts for Tainan_85:

(Start: 2 @30432 has 180 MA's), (4, 30456), (5, 30465),

Gene: Teardrop_81 Start: 28219, Stop: 28380, Start Num: 2

Candidate Starts for Teardrop_81:

(Start: 2 @28219 has 180 MA's), (4, 28243), (5, 28252),

Gene: TinyTim_81 Start: 29101, Stop: 29262, Start Num: 2

Candidate Starts for TinyTim_81:

(Start: 2 @29101 has 180 MA's), (4, 29125), (5, 29134),

Gene: Tonenili_95 Start: 32910, Stop: 33071, Start Num: 2

Candidate Starts for Tonenili_95:

(Start: 2 @32910 has 180 MA's), (3, 32925), (5, 32943),

Gene: Tortoise16_79 Start: 28867, Stop: 29028, Start Num: 2
Candidate Starts for Tortoise16_79:
(Start: 2 @28867 has 180 MA's), (4, 28891), (5, 28900),

Gene: Trinitium_77 Start: 27526, Stop: 27687, Start Num: 2
Candidate Starts for Trinitium_77:
(Start: 2 @27526 has 180 MA's), (4, 27550), (5, 27559),

Gene: Turret_76 Start: 27192, Stop: 27353, Start Num: 2
Candidate Starts for Turret_76:
(Start: 2 @27192 has 180 MA's), (4, 27216), (5, 27225),

Gene: Tyke_83 Start: 29771, Stop: 29932, Start Num: 2
Candidate Starts for Tyke_83:
(Start: 2 @29771 has 180 MA's), (4, 29795), (5, 29804),

Gene: ValleyTerrace_81 Start: 28011, Stop: 28172, Start Num: 2
Candidate Starts for ValleyTerrace_81:
(Start: 2 @28011 has 180 MA's), (4, 28035), (5, 28044),

Gene: Vortrix_96 Start: 32862, Stop: 33023, Start Num: 2
Candidate Starts for Vortrix_96:
(Start: 2 @32862 has 180 MA's), (3, 32877), (5, 32895),

Gene: Wally_79 Start: 27656, Stop: 27817, Start Num: 2
Candidate Starts for Wally_79:
(Start: 2 @27656 has 180 MA's), (4, 27680), (5, 27689),

Gene: Willis_82 Start: 28996, Stop: 29157, Start Num: 2
Candidate Starts for Willis_82:
(Start: 2 @28996 has 180 MA's), (4, 29020), (5, 29029),

Gene: Yassified_77 Start: 27511, Stop: 27672, Start Num: 2
Candidate Starts for Yassified_77:
(Start: 2 @27511 has 180 MA's), (4, 27535), (5, 27544),

Gene: YemiJoy2021_82 Start: 29098, Stop: 29259, Start Num: 2
Candidate Starts for YemiJoy2021_82:
(Start: 2 @29098 has 180 MA's), (4, 29122), (5, 29131),

Gene: YoungMoneyMata_81 Start: 27762, Stop: 27923, Start Num: 2
Candidate Starts for YoungMoneyMata_81:
(Start: 2 @27762 has 180 MA's), (4, 27786), (5, 27795),

Gene: Yucca_80 Start: 29023, Stop: 29184, Start Num: 2
Candidate Starts for Yucca_80:
(Start: 2 @29023 has 180 MA's), (4, 29047), (5, 29056),

Gene: Zalkecks_82 Start: 28786, Stop: 28947, Start Num: 2
Candidate Starts for Zalkecks_82:
(Start: 2 @28786 has 180 MA's), (4, 28810), (5, 28819),

Gene: Zeenon_82 Start: 29088, Stop: 29249, Start Num: 2
Candidate Starts for Zeenon_82:
(Start: 2 @29088 has 180 MA's), (4, 29112), (5, 29121),

Gene: ZygoTaiga_80 Start: 29102, Stop: 29263, Start Num: 2
Candidate Starts for ZygoTaiga_80:
(Start: 2 @29102 has 180 MA's), (4, 29126), (5, 29135),