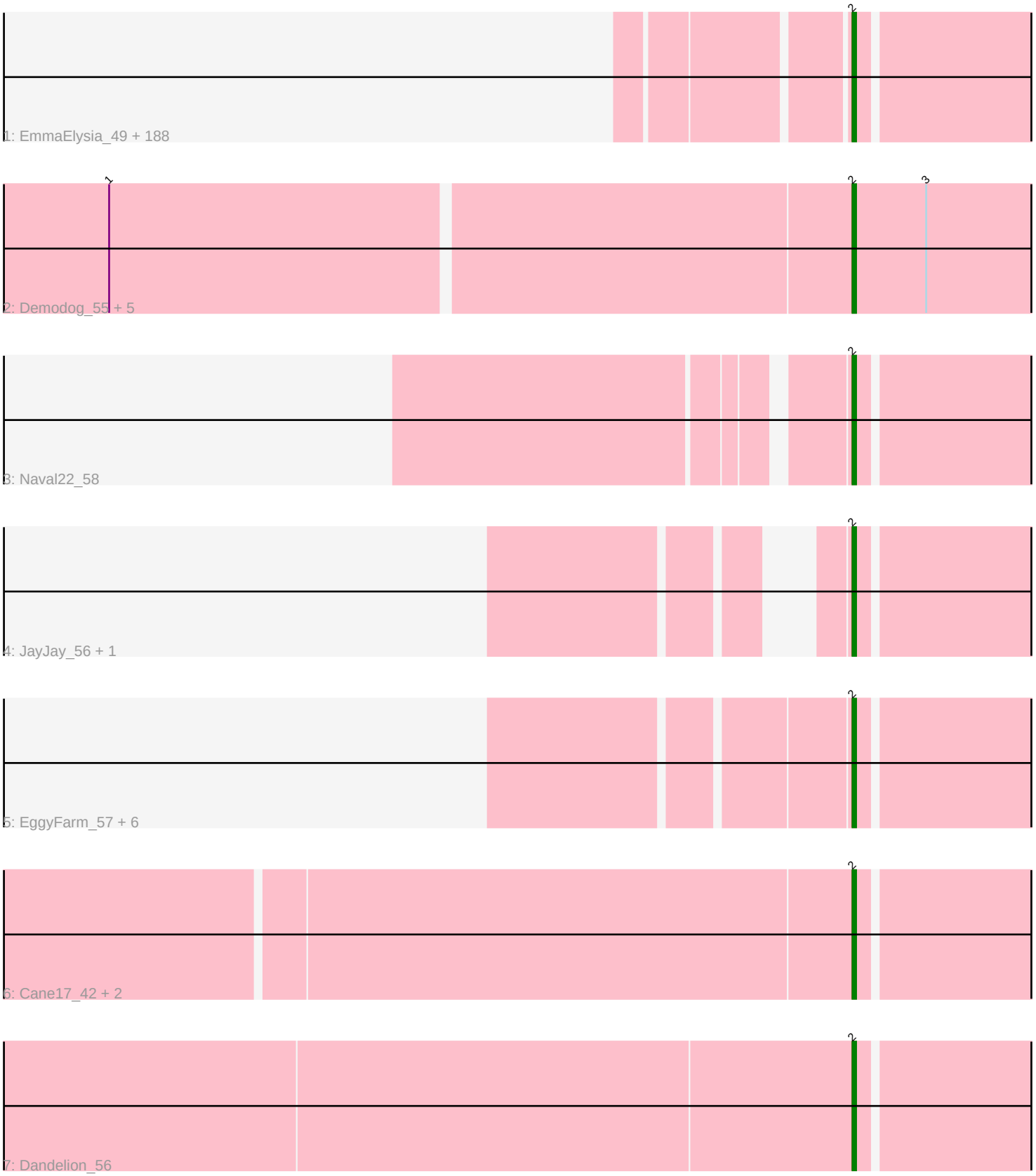
Pham 341779


1: EmmaElysia_49 + 188
2: Demodog_55 + 5
3: Naval22_58
4: JayJay_56 + 1
5: EggyFarm_57 + 6
6: Cane17_42 + 2
7: Dandelion_56

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 341779 Report

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

Pham number 341779 has 209 members, 30 are drafts.

Phages represented in each track:
• Track 1 : EmmaElysia_49, Izajani_52, Montpel_48, Mikro_49, Momo_49, Shifa_44, QBert_45, StephanieG_52, GlutenPhree_51, Belieber_45, Dietrick_44, Cleatunium_47, Zalkecks_52, Turret_45, Cali_48, NedWong_52, JustHall_46, Yassified_49, Pivoine_49, Kboogie_51, BadAgartude_51, Janiyra_52, Trinitium_46, ZygoTaiga_51, Daffodil_53, SrishMeg2525_50, Phlegm_52, Bread_51, SmallFry_50, Ghost_50, Alice_45, Sprinklers_48, Littleton_50, Spud_51, FrayBell_57, Stubby_46, Basquiat_46, Lukilu_45, Delilah_51, GoldenSnow_56, Rocha_49, Maguvora_57, Pupusa_57, Jaygup_50, Norm_51, Cactojaque_45, LookingGlass_54, Ava3_52, Wally_49, CindyLou_51, Capablanca_52, Latch_50, ErnieJ_50, Yucca_51, Astraea_52, MoMoMixon_51, McGee_49, Jemmno_50, BobaPhatt_49, EasyJones_53, Shaqnato_46, Issimir_51, Grungle_43, Zeenon_53, LordLeafolot_57, Gamgam_50, Bezza_46, Maby2021_51, PurduePete_50, Moby_44, Pier_53, Iota_45, FudgeTart_52, Atlantean_49, Maturis_49, Fludd_50, YoungMoneyMata_50, ChickenPhender_46, Dessert_51, ScottMcG_49, Darko_50, Chomp_49, PharkleMinkus_57, RoMag_46, Catera_49, Lee7_52, Duckfeet_45, CharlieB_48, Matsumoto_49, Ading_50, Adlitam_50, Gizmo_52, Ngannou_45, Chargie21_46, Audrick_52, Phox_49, SilverDipper_51, Erdmann_52, Loanshark_51, Shnickers_50, Substance289_47, Flabslab_47, DeejaClivia_43, Patter_50, Salacia_53, Tyke_52, I3_54, LRRHood_48, InterFolia_59, JulietS_46, Koguma_48, FoxtrotP1_51, JPickles_48, Amataga_50, Essence_49, Caravan_47, TinyTim_51, Domi_46, BeanWater_44, Lunareta_48, Naija_49, Teardrop_50, Sauce_52, BackyardAgain_48, Jezreel_49, Labradorite_52, Tainan_56, Khaleesi_50, Fixie_44, ChaylaJr_46, Babyland_49, BananaFence_52, StubbySaigey_50, Roots515_50, Napoleon13_48, Willis_51, LinStu_52, Nidhogg_51, Spec_50, LolaVinca_54, Ronan_45, Rizal_49, Bowman_52, ParkTD_50, Primadonna_47, Delylah_51, SVoro_50, InigoMontoya_51, Morizzled23_53, Guwapp_49, IkeLoa_45, Rahel_51, Derek_52, Blackdragon_47, Fongie_50, DTDevon_51, Melpomini_46, Ewok_51, ValleyTerrace_50, SoilZilla_47, ArcherS7_50, LifeSavor_50, Halldule_46, McWolfish_49, HyRo_46, Nappy_53, NoodleTree_51, Jessibeth14_49, YemiJoy2021_51, Bipolarisk_50, MikeLiesIn_51, SiwenD96_51, Asterius_51, ET08_42, OrediggerDelux_52, Ablatia_47, Pleione_53, Specks_56, Burrough_51, Blackbrain_45, Shrimp_51, Megamind_50, Pinkcreek_43, Puhon_56, Bonray_51, Moiqah_44, Quasimodo_50, EmToTheThree_54, Rabinovish_50
• Track 2 : Demodog_55, Mangeria_54, Concombre_56, NuevoMundo_56, Bigswole_58, JigglyPuff_55
• Track 3 : Naval22_58
• Track 4 : JayJay_56, Shelob_53

• Track 5 : EggyFarm_57, BigCity_57, Bangla1971_51, DirtMonster_47, Tonenili_60, Grasshills_57, Vortrix_62
• Track 6 : Cane17_42, Colt_44, Blubba_42
• Track 7 : Dandelion_56

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 179 of the 179 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ablatia_47, Ading_50, Adlitam_50, Alice_45, Amataga_50, ArcherS7_50, Asterius_51, Astraea_52, Atlantean_49, Audrick_52, Ava3_52, Babyland_49, BackyardAgain_48, BadAgartude_51, BananaFence_52, Bangla1971_51, Basquiat_46, BeanWater_44, Belieber_45, Bezza_46, BigCity_57, Bigswole_58, Bipolarisk_50, Blackbrain_45, Blackdragon_47, Blubba_42, BobaPhatt_49, Bonray_51, Bowman_52, Bread_51, Burrough_51, Cactojaque_45, Cali_48, Cane17_42, Capablanca_52, Caravan_47, Catera_49, Chargie21_46, CharlieB_48, ChaylaJr_46, ChickenPhender_46, Chomp_49, CindyLou_51, Cleatunium_47, Colt_44, Concombre_56, DTDevon_51, Daffodil_53, Dandelion_56, Darko_50, DeejaClivia_43, Delilah_51, Delylah_51, Demodog_55, Derek_52, Dessert_51, Dietrick_44, DirtMonster_47, Domi_46, Duckfeet_45, ET08_42, EasyJones_53, EggyFarm_57, EmToTheThree_54, EmmaElysia_49, Erdmann_52, ErnieJ_50, Essence_49, Ewok_51, Fixie_44, Flabslab_47, Fludd_50, Fongie_50, FoxtrotP1_51, FrayBell_57, FudgeTart_52, Gamgam_50, Ghost_50, Gizmo_52, GlutenPhree_51, GoldenSnow_56, Grasshills_57, Grungle_43, Guwapp_49, Halldule_46, HyRo_46, I3_54, IkeLoa_45, InigoMontoya_51, InterFolia_59, Iota_45, Issimir_51, Izajani_52, JPickles_48, Janiyra_52, JayJay_56, Jaygup_50, Jemmno_50, Jessibeth14_49, Jezreel_49, JigglyPuff_55, JulietS_46, JustHall_46, Kboogie_51, Khaleesi_50, Koguma_48, LRRHood_48, Labradorite_52, Latch_50, Lee7_52, LifeSavor_50, LinStu_52, Littleton_50, Loanshark_51, LolaVinca_54, LookingGlass_54, LordLeafolot_57, Lukilu_45, Lunareta_48, Maby2021_51, Maguvora_57, Mangeria_54, Matsumoto_49, Maturis_49, McGee_49, McWolfish_49, Megamind_50, Melpomini_46, MikeLiesIn_51, Mikro_49, MoMoMixon_51, Moby_44, Moiqah_44, Momo_49, Montpel_48, Morizzled23_53, Naija_49, Napoleon13_48, Nappy_53, Naval22_58, NedWong_52, Ngannou_45, Nidhogg_51, NoodleTree_51, Norm_51, NuevoMundo_56, OrediggerDelux_52, ParkTD_50, Patter_50, PharkleMinkus_57, Phlegm_52, Phox_49, Pier_53, Pinkcreek_43, Pivoine_49, Pleione_53, Primadonna_47, Puhon_56, Pupusa_57, PurduePete_50, QBert_45, Quasimodo_50, Rabinovish_50, Rahel_51, Rizal_49, RoMag_46, Rocha_49, Ronan_45, Roots515_50, SVoro_50, Salacia_53, Sauce_52, ScottMcG_49, Shaqnato_46, Shelob_53, Shifa_44, Shnickers_50, Shrimp_51, SilverDipper_51, SiwenD96_51, SmallFry_50, SoilZilla_47, Spec_50, Specks_56, Sprinklers_48, Spud_51, SrishMeg2525_50, StephanieG_52, StubbySaigey_50, Stubby_46, Substance289_47, Tainan_56, Teardrop_50, TinyTim_51, Tonenili_60, Trinitium_46, Turret_45, Tyke_52, ValleyTerrace_50, Vortrix_62, Wally_49, Willis_51, Yassified_49, YemiJoy2021_51, YoungMoneyMata_50, Yucca_51, Zalkecks_52, Zeenon_53, ZygoTaiga_51,

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

•

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

Summary by start number:

Start 2:
• Found in 209 of 209 (100.0%) of genes in pham
• Manual Annotations of this start: 179 of 179
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ablatia_47 (C1), Ading_50 (C1), Adlitam_50 (C1), Alice_45 (C1), Amataga_50 (C1), ArcherS7_50 (C1), Asterius_51 (C1), Astraea_52 (C1), Atlantean_49 (C1), Audrick_52 (C1), Ava3_52 (C1), Babyland_49 (C1), BackyardAgain_48 (C1), BadAgartude_51 (C1), BananaFence_52 (C1), Bangla1971_51 (C1), Basquiat_46 (C1), BeanWater_44 (C1), Belieber_45 (C1), Bezza_46 (C1), BigCity_57 (C1), Bigswole_58 (C1), Bipolarisk_50 (C1), Blackbrain_45 (C1), Blackdragon_47 (C1), Blubba_42 (C1), BobaPhatt_49 (C1), Bonray_51 (C1), Bowman_52 (C1), Bread_51 (C1), Burrough_51 (C1), Cactojaque_45 (C1), Cali_48 (C1), Cane17_42 (C1), Capablanca_52 (C1), Caravan_47 (C1), Catera_49 (C1), Chargie21_46 (C1), CharlieB_48 (C1), ChaylaJr_46 (C1), ChickenPhender_46 (C1), Chomp_49 (C1), CindyLou_51 (C1), Cleatunium_47 (C1), Colt_44 (C1), Concombre_56 (C1), DTDevon_51 (C1), Daffodil_53 (C1), Dandelion_56 (C1), Darko_50 (C1), DeejaClivia_43 (C1), Delilah_51 (C1), Delylah_51 (C1), Demodog_55 (C1), Derek_52 (C1), Dessert_51 (C1), Dietrick_44 (C1), DirtMonster_47 (C1), Domi_46 (C1), Duckfeet_45 (C1), ET08_42 (C1), EasyJones_53 (C1), EggyFarm_57 (C1), EmToTheThree_54 (C1), EmmaElysia_49 (C1), Erdmann_52 (C1), ErnieJ_50 (C1), Essence_49 (C1), Ewok_51 (C1), Fixie_44 (C1), Flabslab_47 (C1), Fludd_50 (C1), Fongie_50 (C1), FoxtrotP1_51 (C1), FrayBell_57 (C1), FudgeTart_52 (C1), Gamgam_50 (C1), Ghost_50 (C1), Gizmo_52 (C1), GlutenPhree_51 (C1), GoldenSnow_56 (C1), Grasshills_57 (C1), Grungle_43 (C1), Guwapp_49 (C1), Halldule_46 (C1), HyRo_46 (C1), I3_54 (C1), IkeLoa_45 (C1), InigoMontoya_51 (C1), InterFolia_59 (C1), Iota_45 (C1), Issimir_51 (C1), Izajani_52 (C1), JPickles_48 (C1), Janiyra_52 (C1), JayJay_56 (C1), Jaygup_50 (C1), Jemmno_50 (C1), Jessibeth14_49 (C1), Jezreel_49 (C1), JigglyPuff_55 (C1), JulietS_46 (C1), JustHall_46 (C1), Kboogie_51 (C1), Khaleesi_50 (C1), Koguma_48 (C1), LRRHood_48 (C1), Labradorite_52 (C1), Latch_50 (C1), Lee7_52 (C1), LifeSavor_50 (C1), LinStu_52 (C1), Littleton_50 (C1), Loanshark_51 (C1), LolaVinca_54 (C1), LookingGlass_54 (C1), LordLeafolot_57 (C1), Lukilu_45 (C1), Lunareta_48 (C1), Maby2021_51 (C1), Maguvora_57 (C1), Mangeria_54 (C1), Matsumoto_49 (C1), Maturis_49 (C1), McGee_49 (C1), McWolfish_49 (C1), Megamind_50 (C1), Melpomini_46 (C1), MikeLiesIn_51 (C1), Mikro_49 (C1), MoMoMixon_51 (C1), Moby_44 (C1), Moiqah_44 (C1), Momo_49 (C1), Montpel_48 (C1), Morizzled23_53 (C1), Naija_49 (C1), Napoleon13_48 (C1), Nappy_53 (C1), Naval22_58 (C1), NedWong_52 (C1), Ngannou_45 (C1), Nidhogg_51 (C1), NoodleTree_51 (C1), Norm_51 (C1), NuevoMundo_56 (C1), OrediggerDelux_52 (C1), ParkTD_50 (C1), Patter_50 (C1), PharkleMinkus_57 (C1), Phlegm_52 (C1), Phox_49 (C1), Pier_53 (C1), Pinkcreek_43 (C1), Pivoine_49 (C1), Pleione_53 (C1), Primadonna_47 (C1), Puhon_56 (C1), Pupusa_57 (C1), PurduePete_50 (C1), QBert_45 (C1), Quasimodo_50 (C1), Rabinovish_50 (C1), Rahel_51 (C1), Rizal_49 (C1), RoMag_46 (C1), Rocha_49 (C1), Ronan_45 (C1), Roots515_50 (C1), SVoro_50 (C1), Salacia_53 (C1), Sauce_52 (C1), ScottMcG_49 (C1), Shaqnato_46 (C1), Shelob_53 (C1), Shifa_44 (C1), Shnickers_50 (C1), Shrimp_51 (C1), SilverDipper_51

(C1), SiwenD96_51 (C1), SmallFry_50 (C1), SoilZilla_47 (C1), Spec_50 (C1), Specks_56 (C1), Sprinklers_48 (C1), Spud_51 (C1), SrishMeg2525_50 (C1), StephanieG_52 (C1), StubbySaigey_50 (C1), Stubby_46 (C1), Substance289_47 (C1), Tainan_56 (C1), Teardrop_50 (C1), TinyTim_51 (C1), Tonenili_60 (C1), Trinitium_46 (C1), Turret_45 (C1), Tyke_52 (C1), ValleyTerrace_50 (C1), Vortrix_62 (C1), Wally_49 (C1), Willis_51 (C1), Yassified_49 (C1), YemiJoy2021_51 (C1), YoungMoneyMata_50 (C1), Yucca_51 (C1), Zalkecks_52 (C1), Zeenon_53 (C1), ZygoTaiga_51 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:
•Start number 2 was manually annotated 179 times for cluster C1.

Gene Information:

Gene: Ablatia_47 Start: 15053, Stop: 15268, Start Num: 2
Candidate Starts for Ablatia_47:
(Start: 2 @15053 has 179 MA's),

Gene: Ading_50 Start: 15285, Stop: 15503, Start Num: 2
Candidate Starts for Ading_50:
(Start: 2 @15285 has 179 MA's),

Gene: Adlitam_50 Start: 15302, Stop: 15520, Start Num: 2
Candidate Starts for Adlitam_50:
(Start: 2 @15302 has 179 MA's),

Gene: Alice_45 Start: 15350, Stop: 15568, Start Num: 2
Candidate Starts for Alice_45:
(Start: 2 @15350 has 179 MA's),

Gene: Amataga_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Amataga_50:
(Start: 2 @15306 has 179 MA's),

Gene: ArcherS7_50 Start: 15669, Stop: 15887, Start Num: 2
Candidate Starts for ArcherS7_50:
(Start: 2 @15669 has 179 MA's),

Gene: Asterius_51 Start: 15629, Stop: 15844, Start Num: 2
Candidate Starts for Asterius_51:
(Start: 2 @15629 has 179 MA's),

Gene: Astraea_52 Start: 16753, Stop: 16971, Start Num: 2
Candidate Starts for Astraea_52:
(Start: 2 @16753 has 179 MA's),

Gene: Atlantean_49 Start: 15306, Stop: 15524, Start Num: 2

Candidate Starts for Atlantean_49:
(Start: 2 @15306 has 179 MA's),

Gene: Audrick_52 Start: 15285, Stop: 15503, Start Num: 2
Candidate Starts for Audrick_52:
(Start: 2 @15285 has 179 MA's),

Gene: Ava3_52 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Ava3_52:
(Start: 2 @16228 has 179 MA's),

Gene: Babyland_49 Start: 14744, Stop: 14962, Start Num: 2
Candidate Starts for Babyland_49:
(Start: 2 @14744 has 179 MA's),

Gene: BackyardAgain_48 Start: 15102, Stop: 15317, Start Num: 2
Candidate Starts for BackyardAgain_48:
(Start: 2 @15102 has 179 MA's),

Gene: BadAgartude_51 Start: 17429, Stop: 17644, Start Num: 2
Candidate Starts for BadAgartude_51:
(Start: 2 @17429 has 179 MA's),

Gene: BananaFence_52 Start: 16112, Stop: 16327, Start Num: 2
Candidate Starts for BananaFence_52:
(Start: 2 @16112 has 179 MA's),

Gene: Bangla1971_51 Start: 15997, Stop: 16212, Start Num: 2
Candidate Starts for Bangla1971_51:
(Start: 2 @15997 has 179 MA's),

Gene: Basquiat_46 Start: 14598, Stop: 14813, Start Num: 2
Candidate Starts for Basquiat_46:
(Start: 2 @14598 has 179 MA's),

Gene: BeanWater_44 Start: 15773, Stop: 15991, Start Num: 2
Candidate Starts for BeanWater_44:
(Start: 2 @15773 has 179 MA's),

Gene: Belieber_45 Start: 14523, Stop: 14738, Start Num: 2
Candidate Starts for Belieber_45:
(Start: 2 @14523 has 179 MA's),

Gene: Bezza_46 Start: 15859, Stop: 16074, Start Num: 2
Candidate Starts for Bezza_46:
(Start: 2 @15859 has 179 MA's),

Gene: BigCity_57 Start: 17772, Stop: 17987, Start Num: 2
Candidate Starts for BigCity_57:
(Start: 2 @17772 has 179 MA's),

Gene: Bigswole_58 Start: 18800, Stop: 19021, Start Num: 2
Candidate Starts for Bigswole_58:

(1, 18593), (Start: 2 @18800 has 179 MA's), (3, 18821),

Gene: Bipolarisk_50 Start: 15939, Stop: 16154, Start Num: 2
Candidate Starts for Bipolarisk_50:
(Start: 2 @15939 has 179 MA's),

Gene: Blackbrain_45 Start: 14415, Stop: 14630, Start Num: 2
Candidate Starts for Blackbrain_45:
(Start: 2 @14415 has 179 MA's),

Gene: Blackdragon_47 Start: 15692, Stop: 15910, Start Num: 2
Candidate Starts for Blackdragon_47:
(Start: 2 @15692 has 179 MA's),

Gene: Blubba_42 Start: 14028, Stop: 14243, Start Num: 2
Candidate Starts for Blubba_42:
(Start: 2 @14028 has 179 MA's),

Gene: BobaPhatt_49 Start: 15141, Stop: 15356, Start Num: 2
Candidate Starts for BobaPhatt_49:
(Start: 2 @15141 has 179 MA's),

Gene: Bonray_51 Start: 16216, Stop: 16431, Start Num: 2
Candidate Starts for Bonray_51:
(Start: 2 @16216 has 179 MA's),

Gene: Bowman_52 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Bowman_52:
(Start: 2 @16228 has 179 MA's),

Gene: Bread_51 Start: 15909, Stop: 16124, Start Num: 2
Candidate Starts for Bread_51:
(Start: 2 @15909 has 179 MA's),

Gene: Burrough_51 Start: 15939, Stop: 16154, Start Num: 2
Candidate Starts for Burrough_51:
(Start: 2 @15939 has 179 MA's),

Gene: Cactojaque_45 Start: 14522, Stop: 14737, Start Num: 2
Candidate Starts for Cactojaque_45:
(Start: 2 @14522 has 179 MA's),

Gene: Cali_48 Start: 17010, Stop: 17228, Start Num: 2
Candidate Starts for Cali_48:
(Start: 2 @17010 has 179 MA's),

Gene: Cane17_42 Start: 14054, Stop: 14269, Start Num: 2
Candidate Starts for Cane17_42:
(Start: 2 @14054 has 179 MA's),

Gene: Capablanca_52 Start: 16431, Stop: 16649, Start Num: 2
Candidate Starts for Capablanca_52:
(Start: 2 @16431 has 179 MA's),

Gene: Caravan_47 Start: 15280, Stop: 15495, Start Num: 2
Candidate Starts for Caravan_47:
(Start: 2 @15280 has 179 MA's),

Gene: Catera_49 Start: 15106, Stop: 15321, Start Num: 2
Candidate Starts for Catera_49:
(Start: 2 @15106 has 179 MA's),

Gene: Chargie21_46 Start: 14598, Stop: 14813, Start Num: 2
Candidate Starts for Chargie21_46:
(Start: 2 @14598 has 179 MA's),

Gene: CharlieB_48 Start: 15008, Stop: 15226, Start Num: 2
Candidate Starts for CharlieB_48:
(Start: 2 @15008 has 179 MA's),

Gene: ChaylaJr_46 Start: 14685, Stop: 14900, Start Num: 2
Candidate Starts for ChaylaJr_46:
(Start: 2 @14685 has 179 MA's),

Gene: ChickenPhender_46 Start: 14644, Stop: 14859, Start Num: 2
Candidate Starts for ChickenPhender_46:
(Start: 2 @14644 has 179 MA's),

Gene: Chomp_49 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Chomp_49:
(Start: 2 @15306 has 179 MA's),

Gene: CindyLou_51 Start: 15831, Stop: 16049, Start Num: 2
Candidate Starts for CindyLou_51:
(Start: 2 @15831 has 179 MA's),

Gene: Cleatunium_47 Start: 15324, Stop: 15539, Start Num: 2
Candidate Starts for Cleatunium_47:
(Start: 2 @15324 has 179 MA's),

Gene: Colt_44 Start: 14921, Stop: 15136, Start Num: 2
Candidate Starts for Colt_44:
(Start: 2 @14921 has 179 MA's),

Gene: Concombre_56 Start: 18110, Stop: 18328, Start Num: 2
Candidate Starts for Concombre_56:
(1, 17903), (Start: 2 @18110 has 179 MA's), (3, 18131),

Gene: DTDevon_51 Start: 16470, Stop: 16688, Start Num: 2
Candidate Starts for DTDevon_51:
(Start: 2 @16470 has 179 MA's),

Gene: Daffodil_53 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Daffodil_53:
(Start: 2 @16228 has 179 MA's),

Gene: Dandelion_56 Start: 18007, Stop: 18225, Start Num: 2
Candidate Starts for Dandelion_56:
(Start: 2 @18007 has 179 MA's),

Gene: Darko_50 Start: 16081, Stop: 16296, Start Num: 2
Candidate Starts for Darko_50:
(Start: 2 @16081 has 179 MA's),

Gene: DeejaClivia_43 Start: 14001, Stop: 14216, Start Num: 2
Candidate Starts for DeejaClivia_43:
(Start: 2 @14001 has 179 MA's),

Gene: Delilah_51 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Delilah_51:
(Start: 2 @16228 has 179 MA's),

Gene: Delylah_51 Start: 16006, Stop: 16221, Start Num: 2
Candidate Starts for Delylah_51:
(Start: 2 @16006 has 179 MA's),

Gene: Demodog_55 Start: 18110, Stop: 18328, Start Num: 2
Candidate Starts for Demodog_55:
(1, 17903), (Start: 2 @18110 has 179 MA's), (3, 18131),

Gene: Derek_52 Start: 15636, Stop: 15854, Start Num: 2
Candidate Starts for Derek_52:
(Start: 2 @15636 has 179 MA's),

Gene: Dessert_51 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Dessert_51:
(Start: 2 @15306 has 179 MA's),

Gene: Dietrick_44 Start: 14344, Stop: 14559, Start Num: 2
Candidate Starts for Dietrick_44:
(Start: 2 @14344 has 179 MA's),

Gene: DirtMonster_47 Start: 16481, Stop: 16696, Start Num: 2
Candidate Starts for DirtMonster_47:
(Start: 2 @16481 has 179 MA's),

Gene: Domi_46 Start: 15449, Stop: 15664, Start Num: 2
Candidate Starts for Domi_46:
(Start: 2 @15449 has 179 MA's),

Gene: Duckfeet_45 Start: 15180, Stop: 15395, Start Num: 2
Candidate Starts for Duckfeet_45:
(Start: 2 @15180 has 179 MA's),

Gene: ET08_42 Start: 14876, Stop: 15094, Start Num: 2
Candidate Starts for ET08_42:
(Start: 2 @14876 has 179 MA's),

Gene: EasyJones_53 Start: 16439, Stop: 16657, Start Num: 2

Candidate Starts for EasyJones_53:
(Start: 2 @16439 has 179 MA's),

Gene: EggyFarm_57 Start: 17772, Stop: 17987, Start Num: 2
Candidate Starts for EggyFarm_57:
(Start: 2 @17772 has 179 MA's),

Gene: EmToTheThree_54 Start: 17642, Stop: 17857, Start Num: 2
Candidate Starts for EmToTheThree_54:
(Start: 2 @17642 has 179 MA's),

Gene: EmmaElysia_49 Start: 14876, Stop: 15094, Start Num: 2
Candidate Starts for EmmaElysia_49:
(Start: 2 @14876 has 179 MA's),

Gene: Erdmann_52 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Erdmann_52:
(Start: 2 @16228 has 179 MA's),

Gene: ErnieJ_50 Start: 15517, Stop: 15732, Start Num: 2
Candidate Starts for ErnieJ_50:
(Start: 2 @15517 has 179 MA's),

Gene: Essence_49 Start: 15025, Stop: 15240, Start Num: 2
Candidate Starts for Essence_49:
(Start: 2 @15025 has 179 MA's),

Gene: Ewok_51 Start: 16231, Stop: 16446, Start Num: 2
Candidate Starts for Ewok_51:
(Start: 2 @16231 has 179 MA's),

Gene: Fixie_44 Start: 14505, Stop: 14723, Start Num: 2
Candidate Starts for Fixie_44:
(Start: 2 @14505 has 179 MA's),

Gene: Flabslab_47 Start: 15385, Stop: 15603, Start Num: 2
Candidate Starts for Flabslab_47:
(Start: 2 @15385 has 179 MA's),

Gene: Fludd_50 Start: 15103, Stop: 15318, Start Num: 2
Candidate Starts for Fludd_50:
(Start: 2 @15103 has 179 MA's),

Gene: Fongie_50 Start: 16444, Stop: 16659, Start Num: 2
Candidate Starts for Fongie_50:
(Start: 2 @16444 has 179 MA's),

Gene: FoxtrotP1_51 Start: 16556, Stop: 16771, Start Num: 2
Candidate Starts for FoxtrotP1_51:
(Start: 2 @16556 has 179 MA's),

Gene: FrayBell_57 Start: 17742, Stop: 17957, Start Num: 2
Candidate Starts for FrayBell_57:

(Start: 2 @17742 has 179 MA's),

Gene: FudgeTart_52 Start: 16227, Stop: 16445, Start Num: 2
Candidate Starts for FudgeTart_52:
(Start: 2 @16227 has 179 MA's),

Gene: Gamgam_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Gamgam_50:
(Start: 2 @15306 has 179 MA's),

Gene: Ghost_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Ghost_50:
(Start: 2 @15306 has 179 MA's),

Gene: Gizmo_52 Start: 15911, Stop: 16126, Start Num: 2
Candidate Starts for Gizmo_52:
(Start: 2 @15911 has 179 MA's),

Gene: GlutenPhree_51 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for GlutenPhree_51:
(Start: 2 @15306 has 179 MA's),

Gene: GoldenSnow_56 Start: 17741, Stop: 17956, Start Num: 2
Candidate Starts for GoldenSnow_56:
(Start: 2 @17741 has 179 MA's),

Gene: Grasshills_57 Start: 17772, Stop: 17987, Start Num: 2
Candidate Starts for Grasshills_57:
(Start: 2 @17772 has 179 MA's),

Gene: Grungle_43 Start: 14163, Stop: 14378, Start Num: 2
Candidate Starts for Grungle_43:
(Start: 2 @14163 has 179 MA's),

Gene: Guwapp_49 Start: 15263, Stop: 15481, Start Num: 2
Candidate Starts for Guwapp_49:
(Start: 2 @15263 has 179 MA's),

Gene: Halldule_46 Start: 14615, Stop: 14830, Start Num: 2
Candidate Starts for Halldule_46:
(Start: 2 @14615 has 179 MA's),

Gene: HyRo_46 Start: 15966, Stop: 16181, Start Num: 2
Candidate Starts for HyRo_46:
(Start: 2 @15966 has 179 MA's),

Gene: I3_54 Start: 16530, Stop: 16745, Start Num: 2
Candidate Starts for I3_54:
(Start: 2 @16530 has 179 MA's),

Gene: IkeLoa_45 Start: 15031, Stop: 15246, Start Num: 2
Candidate Starts for IkeLoa_45:
(Start: 2 @15031 has 179 MA's),

Gene: InigoMontoya_51 Start: 15267, Stop: 15485, Start Num: 2
Candidate Starts for InigoMontoya_51:
(Start: 2 @15267 has 179 MA's),

Gene: InterFolia_59 Start: 18794, Stop: 19012, Start Num: 2
Candidate Starts for InterFolia_59:
(Start: 2 @18794 has 179 MA's),

Gene: Iota_45 Start: 15464, Stop: 15682, Start Num: 2
Candidate Starts for Iota_45:
(Start: 2 @15464 has 179 MA's),

Gene: Issimir_51 Start: 16168, Stop: 16386, Start Num: 2
Candidate Starts for Issimir_51:
(Start: 2 @16168 has 179 MA's),

Gene: Izajani_52 Start: 16241, Stop: 16456, Start Num: 2
Candidate Starts for Izajani_52:
(Start: 2 @16241 has 179 MA's),

Gene: JPickles_48 Start: 14500, Stop: 14718, Start Num: 2
Candidate Starts for JPickles_48:
(Start: 2 @14500 has 179 MA's),

Gene: Janiyra_52 Start: 15931, Stop: 16146, Start Num: 2
Candidate Starts for Janiyra_52:
(Start: 2 @15931 has 179 MA's),

Gene: JayJay_56 Start: 16719, Stop: 16934, Start Num: 2
Candidate Starts for JayJay_56:
(Start: 2 @16719 has 179 MA's),

Gene: Jaygup_50 Start: 15302, Stop: 15520, Start Num: 2
Candidate Starts for Jaygup_50:
(Start: 2 @15302 has 179 MA's),

Gene: Jemmno_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Jemmno_50:
(Start: 2 @15306 has 179 MA's),

Gene: Jessibeth14_49 Start: 15629, Stop: 15844, Start Num: 2
Candidate Starts for Jessibeth14_49:
(Start: 2 @15629 has 179 MA's),

Gene: Jezreel_49 Start: 15484, Stop: 15699, Start Num: 2
Candidate Starts for Jezreel_49:
(Start: 2 @15484 has 179 MA's),

Gene: JigglyPuff_55 Start: 17503, Stop: 17721, Start Num: 2
Candidate Starts for JigglyPuff_55:
(1, 17296), (Start: 2 @17503 has 179 MA's), (3, 17524),

Gene: JulietS_46 Start: 14466, Stop: 14681, Start Num: 2
Candidate Starts for JulietS_46:
(Start: 2 @14466 has 179 MA's),

Gene: JustHall_46 Start: 15625, Stop: 15843, Start Num: 2
Candidate Starts for JustHall_46:
(Start: 2 @15625 has 179 MA's),

Gene: Kboogie_51 Start: 15157, Stop: 15372, Start Num: 2
Candidate Starts for Kboogie_51:
(Start: 2 @15157 has 179 MA's),

Gene: Khaleesi_50 Start: 15975, Stop: 16190, Start Num: 2
Candidate Starts for Khaleesi_50:
(Start: 2 @15975 has 179 MA's),

Gene: Koguma_48 Start: 14809, Stop: 15024, Start Num: 2
Candidate Starts for Koguma_48:
(Start: 2 @14809 has 179 MA's),

Gene: LRRHood_48 Start: 16732, Stop: 16947, Start Num: 2
Candidate Starts for LRRHood_48:
(Start: 2 @16732 has 179 MA's),

Gene: Labradorite_52 Start: 15621, Stop: 15836, Start Num: 2
Candidate Starts for Labradorite_52:
(Start: 2 @15621 has 179 MA's),

Gene: Latch_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Latch_50:
(Start: 2 @15306 has 179 MA's),

Gene: Lee7_52 Start: 15906, Stop: 16121, Start Num: 2
Candidate Starts for Lee7_52:
(Start: 2 @15906 has 179 MA's),

Gene: LifeSavor_50 Start: 15025, Stop: 15243, Start Num: 2
Candidate Starts for LifeSavor_50:
(Start: 2 @15025 has 179 MA's),

Gene: LinStu_52 Start: 16975, Stop: 17193, Start Num: 2
Candidate Starts for LinStu_52:
(Start: 2 @16975 has 179 MA's),

Gene: Littleton_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Littleton_50:
(Start: 2 @15306 has 179 MA's),

Gene: Loanshark_51 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Loanshark_51:
(Start: 2 @16228 has 179 MA's),

Gene: LolaVinca_54 Start: 17386, Stop: 17601, Start Num: 2

Candidate Starts for LolaVinca_54:
(Start: 2 @17386 has 179 MA's),

Gene: LookingGlass_54 Start: 17004, Stop: 17219, Start Num: 2
Candidate Starts for LookingGlass_54:
(Start: 2 @17004 has 179 MA's),

Gene: LordLeafolot_57 Start: 17741, Stop: 17956, Start Num: 2
Candidate Starts for LordLeafolot_57:
(Start: 2 @17741 has 179 MA's),

Gene: Lukilu_45 Start: 15934, Stop: 16149, Start Num: 2
Candidate Starts for Lukilu_45:
(Start: 2 @15934 has 179 MA's),

Gene: Lunareta_48 Start: 16244, Stop: 16462, Start Num: 2
Candidate Starts for Lunareta_48:
(Start: 2 @16244 has 179 MA's),

Gene: Maby2021_51 Start: 15909, Stop: 16124, Start Num: 2
Candidate Starts for Maby2021_51:
(Start: 2 @15909 has 179 MA's),

Gene: Maguvora_57 Start: 17743, Stop: 17958, Start Num: 2
Candidate Starts for Maguvora_57:
(Start: 2 @17743 has 179 MA's),

Gene: Mangeria_54 Start: 17253, Stop: 17471, Start Num: 2
Candidate Starts for Mangeria_54:
(1, 17046), (Start: 2 @17253 has 179 MA's), (3, 17274),

Gene: Matsumoto_49 Start: 15267, Stop: 15485, Start Num: 2
Candidate Starts for Matsumoto_49:
(Start: 2 @15267 has 179 MA's),

Gene: Maturis_49 Start: 16229, Stop: 16447, Start Num: 2
Candidate Starts for Maturis_49:
(Start: 2 @16229 has 179 MA's),

Gene: McGee_49 Start: 14490, Stop: 14708, Start Num: 2
Candidate Starts for McGee_49:
(Start: 2 @14490 has 179 MA's),

Gene: McWolfish_49 Start: 15656, Stop: 15871, Start Num: 2
Candidate Starts for McWolfish_49:
(Start: 2 @15656 has 179 MA's),

Gene: Megamind_50 Start: 15894, Stop: 16109, Start Num: 2
Candidate Starts for Megamind_50:
(Start: 2 @15894 has 179 MA's),

Gene: Melpomini_46 Start: 14582, Stop: 14797, Start Num: 2
Candidate Starts for Melpomini_46:

(Start: 2 @14582 has 179 MA's),

Gene: MikeLiesIn_51 Start: 16241, Stop: 16456, Start Num: 2
Candidate Starts for MikeLiesIn_51:
(Start: 2 @16241 has 179 MA's),

Gene: Mikro_49 Start: 16715, Stop: 16930, Start Num: 2
Candidate Starts for Mikro_49:
(Start: 2 @16715 has 179 MA's),

Gene: MoMoMixon_51 Start: 16323, Stop: 16538, Start Num: 2
Candidate Starts for MoMoMixon_51:
(Start: 2 @16323 has 179 MA's),

Gene: Moby_44 Start: 13200, Stop: 13418, Start Num: 2
Candidate Starts for Moby_44:
(Start: 2 @13200 has 179 MA's),

Gene: Moiqah_44 Start: 13200, Stop: 13418, Start Num: 2
Candidate Starts for Moiqah_44:
(Start: 2 @13200 has 179 MA's),

Gene: Momo_49 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Momo_49:
(Start: 2 @15306 has 179 MA's),

Gene: Montpel_48 Start: 16244, Stop: 16462, Start Num: 2
Candidate Starts for Montpel_48:
(Start: 2 @16244 has 179 MA's),

Gene: Morizzled23_53 Start: 16452, Stop: 16670, Start Num: 2
Candidate Starts for Morizzled23_53:
(Start: 2 @16452 has 179 MA's),

Gene: Naija_49 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Naija_49:
(Start: 2 @15306 has 179 MA's),

Gene: Napoleon13_48 Start: 14567, Stop: 14782, Start Num: 2
Candidate Starts for Napoleon13_48:
(Start: 2 @14567 has 179 MA's),

Gene: Nappy_53 Start: 16859, Stop: 17074, Start Num: 2
Candidate Starts for Nappy_53:
(Start: 2 @16859 has 179 MA's),

Gene: Naval22_58 Start: 17251, Stop: 17466, Start Num: 2
Candidate Starts for Naval22_58:
(Start: 2 @17251 has 179 MA's),

Gene: NedWong_52 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for NedWong_52:
(Start: 2 @16228 has 179 MA's),

Gene: Ngannou_45 Start: 14288, Stop: 14506, Start Num: 2
Candidate Starts for Ngannou_45:
(Start: 2 @14288 has 179 MA's),

Gene: Nidhogg_51 Start: 16079, Stop: 16294, Start Num: 2
Candidate Starts for Nidhogg_51:
(Start: 2 @16079 has 179 MA's),

Gene: NoodleTree_51 Start: 16146, Stop: 16364, Start Num: 2
Candidate Starts for NoodleTree_51:
(Start: 2 @16146 has 179 MA's),

Gene: Norm_51 Start: 16229, Stop: 16444, Start Num: 2
Candidate Starts for Norm_51:
(Start: 2 @16229 has 179 MA's),

Gene: NuevoMundo_56 Start: 17561, Stop: 17782, Start Num: 2
Candidate Starts for NuevoMundo_56:
(1, 17354), (Start: 2 @17561 has 179 MA's), (3, 17582),

Gene: OrediggerDelux_52 Start: 15910, Stop: 16125, Start Num: 2
Candidate Starts for OrediggerDelux_52:
(Start: 2 @15910 has 179 MA's),

Gene: ParkTD_50 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for ParkTD_50:
(Start: 2 @16228 has 179 MA's),

Gene: Patter_50 Start: 15323, Stop: 15541, Start Num: 2
Candidate Starts for Patter_50:
(Start: 2 @15323 has 179 MA's),

Gene: PharkleMinkus_57 Start: 17742, Stop: 17957, Start Num: 2
Candidate Starts for PharkleMinkus_57:
(Start: 2 @17742 has 179 MA's),

Gene: Phlegm_52 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Phlegm_52:
(Start: 2 @15306 has 179 MA's),

Gene: Phox_49 Start: 17209, Stop: 17427, Start Num: 2
Candidate Starts for Phox_49:
(Start: 2 @17209 has 179 MA's),

Gene: Pier_53 Start: 16385, Stop: 16600, Start Num: 2
Candidate Starts for Pier_53:
(Start: 2 @16385 has 179 MA's),

Gene: Pinkcreek_43 Start: 14665, Stop: 14883, Start Num: 2
Candidate Starts for Pinkcreek_43:
(Start: 2 @14665 has 179 MA's),

Gene: Pivoine_49 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for Pivoine_49:
(Start: 2 @15306 has 179 MA's),

Gene: Pleione_53 Start: 16227, Stop: 16442, Start Num: 2
Candidate Starts for Pleione_53:
(Start: 2 @16227 has 179 MA's),

Gene: Primadonna_47 Start: 15570, Stop: 15785, Start Num: 2
Candidate Starts for Primadonna_47:
(Start: 2 @15570 has 179 MA's),

Gene: Puhon_56 Start: 17756, Stop: 17971, Start Num: 2
Candidate Starts for Puhon_56:
(Start: 2 @17756 has 179 MA's),

Gene: Pupusa_57 Start: 18567, Stop: 18782, Start Num: 2
Candidate Starts for Pupusa_57:
(Start: 2 @18567 has 179 MA's),

Gene: PurduePete_50 Start: 15952, Stop: 16167, Start Num: 2
Candidate Starts for PurduePete_50:
(Start: 2 @15952 has 179 MA's),

Gene: QBert_45 Start: 16093, Stop: 16311, Start Num: 2
Candidate Starts for QBert_45:
(Start: 2 @16093 has 179 MA's),

Gene: Quasimodo_50 Start: 16324, Stop: 16542, Start Num: 2
Candidate Starts for Quasimodo_50:
(Start: 2 @16324 has 179 MA's),

Gene: Rabinovish_50 Start: 17374, Stop: 17592, Start Num: 2
Candidate Starts for Rabinovish_50:
(Start: 2 @17374 has 179 MA's),

Gene: Rahel_51 Start: 15675, Stop: 15893, Start Num: 2
Candidate Starts for Rahel_51:
(Start: 2 @15675 has 179 MA's),

Gene: Rizal_49 Start: 15145, Stop: 15360, Start Num: 2
Candidate Starts for Rizal_49:
(Start: 2 @15145 has 179 MA's),

Gene: RoMag_46 Start: 15480, Stop: 15695, Start Num: 2
Candidate Starts for RoMag_46:
(Start: 2 @15480 has 179 MA's),

Gene: Rocha_49 Start: 15173, Stop: 15388, Start Num: 2
Candidate Starts for Rocha_49:
(Start: 2 @15173 has 179 MA's),

Gene: Ronan_45 Start: 14026, Stop: 14244, Start Num: 2

Candidate Starts for Ronan_45:
(Start: 2 @14026 has 179 MA's),

Gene: Roots515_50 Start: 16026, Stop: 16241, Start Num: 2
Candidate Starts for Roots515_50:
(Start: 2 @16026 has 179 MA's),

Gene: SVoro_50 Start: 16222, Stop: 16437, Start Num: 2
Candidate Starts for SVoro_50:
(Start: 2 @16222 has 179 MA's),

Gene: Salacia_53 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for Salacia_53:
(Start: 2 @16228 has 179 MA's),

Gene: Sauce_52 Start: 16302, Stop: 16520, Start Num: 2
Candidate Starts for Sauce_52:
(Start: 2 @16302 has 179 MA's),

Gene: ScottMcG_49 Start: 16004, Stop: 16219, Start Num: 2
Candidate Starts for ScottMcG_49:
(Start: 2 @16004 has 179 MA's),

Gene: Shaqnato_46 Start: 15154, Stop: 15369, Start Num: 2
Candidate Starts for Shaqnato_46:
(Start: 2 @15154 has 179 MA's),

Gene: Shelob_53 Start: 17337, Stop: 17552, Start Num: 2
Candidate Starts for Shelob_53:
(Start: 2 @17337 has 179 MA's),

Gene: Shifa_44 Start: 15412, Stop: 15627, Start Num: 2
Candidate Starts for Shifa_44:
(Start: 2 @15412 has 179 MA's),

Gene: Shnickers_50 Start: 15302, Stop: 15520, Start Num: 2
Candidate Starts for Shnickers_50:
(Start: 2 @15302 has 179 MA's),

Gene: Shrimp_51 Start: 16232, Stop: 16447, Start Num: 2
Candidate Starts for Shrimp_51:
(Start: 2 @16232 has 179 MA's),

Gene: SilverDipper_51 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for SilverDipper_51:
(Start: 2 @15306 has 179 MA's),

Gene: SiwenD96_51 Start: 16737, Stop: 16955, Start Num: 2
Candidate Starts for SiwenD96_51:
(Start: 2 @16737 has 179 MA's),

Gene: SmallFry_50 Start: 15302, Stop: 15520, Start Num: 2
Candidate Starts for SmallFry_50:

(Start: 2 @15302 has 179 MA's),

Gene: SoilZilla_47 Start: 15614, Stop: 15829, Start Num: 2
Candidate Starts for SoilZilla_47:
(Start: 2 @15614 has 179 MA's),

Gene: Spec_50 Start: 15311, Stop: 15526, Start Num: 2
Candidate Starts for Spec_50:
(Start: 2 @15311 has 179 MA's),

Gene: Specks_56 Start: 17817, Stop: 18035, Start Num: 2
Candidate Starts for Specks_56:
(Start: 2 @17817 has 179 MA's),

Gene: Sprinklers_48 Start: 15479, Stop: 15694, Start Num: 2
Candidate Starts for Sprinklers_48:
(Start: 2 @15479 has 179 MA's),

Gene: Spud_51 Start: 16543, Stop: 16758, Start Num: 2
Candidate Starts for Spud_51:
(Start: 2 @16543 has 179 MA's),

Gene: SrishMeg2525_50 Start: 15939, Stop: 16154, Start Num: 2
Candidate Starts for SrishMeg2525_50:
(Start: 2 @15939 has 179 MA's),

Gene: StephanieG_52 Start: 16879, Stop: 17094, Start Num: 2
Candidate Starts for StephanieG_52:
(Start: 2 @16879 has 179 MA's),

Gene: Stubby_46 Start: 15996, Stop: 16214, Start Num: 2
Candidate Starts for Stubby_46:
(Start: 2 @15996 has 179 MA's),

Gene: StubbySaigey_50 Start: 14868, Stop: 15083, Start Num: 2
Candidate Starts for StubbySaigey_50:
(Start: 2 @14868 has 179 MA's),

Gene: Substance289_47 Start: 14776, Stop: 14994, Start Num: 2
Candidate Starts for Substance289_47:
(Start: 2 @14776 has 179 MA's),

Gene: Tainan_56 Start: 17741, Stop: 17956, Start Num: 2
Candidate Starts for Tainan_56:
(Start: 2 @17741 has 179 MA's),

Gene: Teardrop_50 Start: 15144, Stop: 15359, Start Num: 2
Candidate Starts for Teardrop_50:
(Start: 2 @15144 has 179 MA's),

Gene: TinyTim_51 Start: 16228, Stop: 16443, Start Num: 2
Candidate Starts for TinyTim_51:
(Start: 2 @16228 has 179 MA's),

Gene: Tonenili_60 Start: 18866, Stop: 19081, Start Num: 2
Candidate Starts for Tonenili_60:
(Start: 2 @18866 has 179 MA's),

Gene: Trinitium_46 Start: 14629, Stop: 14844, Start Num: 2
Candidate Starts for Trinitium_46:
(Start: 2 @14629 has 179 MA's),

Gene: Turret_45 Start: 14353, Stop: 14568, Start Num: 2
Candidate Starts for Turret_45:
(Start: 2 @14353 has 179 MA's),

Gene: Tyke_52 Start: 16714, Stop: 16932, Start Num: 2
Candidate Starts for Tyke_52:
(Start: 2 @16714 has 179 MA's),

Gene: ValleyTerrace_50 Start: 15306, Stop: 15524, Start Num: 2
Candidate Starts for ValleyTerrace_50:
(Start: 2 @15306 has 179 MA's),

Gene: Vortrix_62 Start: 19252, Stop: 19467, Start Num: 2
Candidate Starts for Vortrix_62:
(Start: 2 @19252 has 179 MA's),

Gene: Wally_49 Start: 14784, Stop: 14999, Start Num: 2
Candidate Starts for Wally_49:
(Start: 2 @14784 has 179 MA's),

Gene: Willis_51 Start: 16123, Stop: 16338, Start Num: 2
Candidate Starts for Willis_51:
(Start: 2 @16123 has 179 MA's),

Gene: Yassified_49 Start: 15991, Stop: 16206, Start Num: 2
Candidate Starts for Yassified_49:
(Start: 2 @15991 has 179 MA's),

Gene: YemiJoy2021_51 Start: 15909, Stop: 16124, Start Num: 2
Candidate Starts for YemiJoy2021_51:
(Start: 2 @15909 has 179 MA's),

Gene: YoungMoneyMata_50 Start: 15057, Stop: 15275, Start Num: 2
Candidate Starts for YoungMoneyMata_50:
(Start: 2 @15057 has 179 MA's),

Gene: Yucca_51 Start: 16150, Stop: 16365, Start Num: 2
Candidate Starts for Yucca_51:
(Start: 2 @16150 has 179 MA's),

Gene: Zalkecks_52 Start: 15913, Stop: 16128, Start Num: 2
Candidate Starts for Zalkecks_52:
(Start: 2 @15913 has 179 MA's),

Gene: Zeenon_53 Start: 16215, Stop: 16430, Start Num: 2
Candidate Starts for Zeenon_53:
(Start: 2 @16215 has 179 MA's),

Gene: ZygoTaiga_51 Start: 16229, Stop: 16444, Start Num: 2
Candidate Starts for ZygoTaiga_51:
(Start: 2 @16229 has 179 MA's),