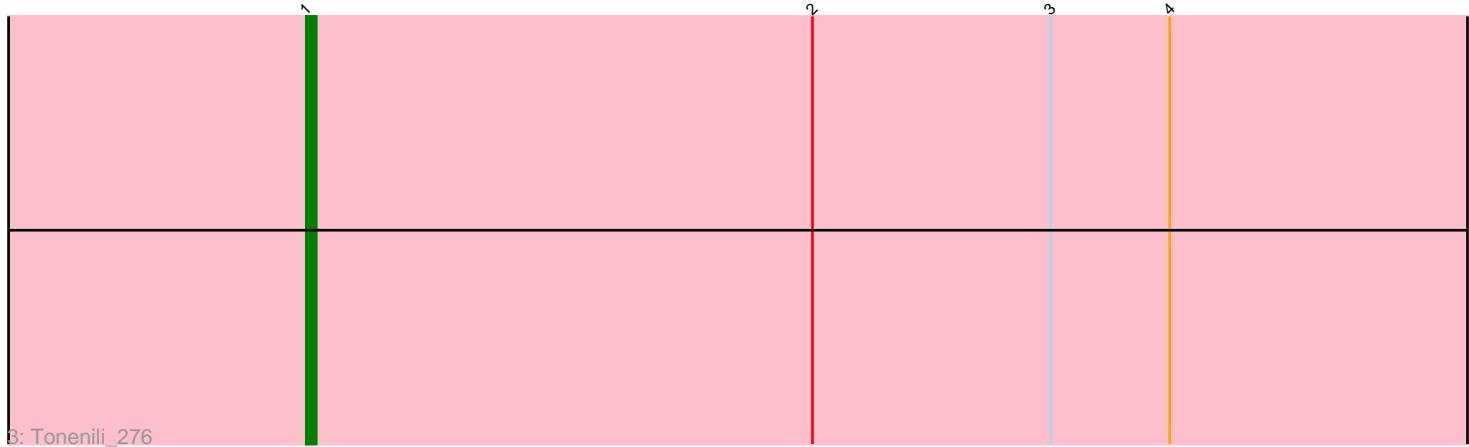


Pham 525



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 525 Report

This analysis was run 04/05/24 on database version 557.

Pham number 525 has 182 members, 15 are drafts.

Phages represented in each track:

- Track 1 : Grungle_236, Ghost_254, Koguma_253, Atlantean_254, Darko_254, StubbySaigey_261, FrayBell_257, LinStu_251, Spud_246, Izajani_250, Spec_248, Tortoise16_252, EmToTheThree_255, IkeLoa_248, Alice_240, Blackbrain_253, Daffodil_260, Drazdys_251, Lee7_255, Dietrick_243, Gamgam_256, EmmaElysia_259, JPickles_252, PurduePete_255, Pivoine_255, Adlitam_254, JulietS_246, Melpomini_249, ParkTD_253, DTDevon_255, Loanshark_251, Ewok_253, Delylah_256, Mikro_248, Littleton_258, Jedediah_256, I3_264, Stubby_237, Bangla1971_255, CindyLou_255, Sebata_254, EasyJones_255, TinyTim_253, CharlieB_249, Grasshills_261, ScottMcG_246, Roots515_257, Nidhogg_255, ArcherS7_255, Shaqnato_245, LRRHood_246, Catera_243, Audrick_257, QBert_246, Nappy_253, Sauce_251, RoMag_249, JayJay_250, Jessibeth14_254, Kboogie_258, Pio_261, Willis_255, Phusco_253, Khaleesi_253, Latch_254, NuevoMundo_256, ValleyTerrace_255, Jaygup_251, YoungMoneyMata_254, Yassified_250, Breeniome_254, Burrough_255, Sprinklers_252, ChaylaJr_253, NedWong_253, Essence_252, ET08_240, DrPhinkDaddy_251, Capablanca_259, Kamryn_253, Basquiat_252, Patter_256, Fludd_254, Charge21_252, Bigswole_259, Cactojaque_249, ZygoTaiga_251, Trinitium_251, Amataga_255, Bonray_257, Megamind_251, ChickenPhender_250, Cali_244, Zeenon_255, Naija_255, Phlegm_259, Gizmo_260, Napoleon13_251, Bread_251, Ronan_250, Iota_251, Yucca_255, LordLeafolot_256, Specks_259, DirtMonster_243, Derek_250, Ngannou_249, Bipolarisk_252, Caravan_244, Jemmno_254, Concombre_260, Delilah_252, Turret_245, Astraea_250, BadAgartude_248, Flabslab_249, Erdmann_256, Ading_257, Guwapp_250, Naval22_259, ErnieJ_248, McWolfish_251, JustHall_248, Ava3_251, MikeLiesIn_255, BackyardAgain_249, Babyland_257, Shelob_255, Teardrop_253, YemiJoy2021_255, Rabinovish_247, MoMoMixon_250, Pier_253, FudgeTart_250, FoxtrotP1_253, Rahel_256, BananaFence_252, SmallFry_255, InigoMontoya_258, BigCity_262, Janiyra_258, Maby2021_255, NoodleTree_250, Norm_254, Morizzled23_252, LifeSavor_255, LolaVinca_250, Shrimp_257, SilverDipper_259, ShiaLabeouf_252, Issimir_251, Tyke_251, InterFolia_256, Quasimodo_257, Phox_255, HyRo_239, Asterius_251, Shifa_230, Gabriel_257, Rizal_243, Salacia_256, Shnickers_253, Lukilu_243, Dandelion_260, Pinkcreek_234, Mangeria_254, Bxz1_240, Zalkecks_253, EggyFarm_262, Wally_252, Chomp_252, Momo_256, Matsumoto_252, SrishMeg2525_252, McGee_256, BeanWater_247, StephanieG_248, Pleione_258
 - Track 2 : Colt_245, Cane17_244, Blubba_250
 - Track 3 : Tonenili_276

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

The start number called the most often in the published annotations is 1, it was called in 167 of the 167 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ading_257, Adlitam_254, Alice_240, Amataga_255, ArcherS7_255, Asterius_251, Astraea_250, Atlantean_254, Audrick_257, Ava3_251, Babyland_257, BackyardAgain_249, BadAgartude_248, BananaFence_252, Bangla1971_255, Basquiat_252, BeanWater_247, BigCity_262, Bigswole_259, Bipolarisk_252, Blackbrain_253, Blubba_250, Bonray_257, Bread_251, Breeniome_254, Burrough_255, Bxz1_240, Cactojaque_249, Cali_244, Cane17_244, Capablanca_259, Caravan_244, Catera_243, Charge21_252, CharlieB_249, ChaylaJr_253, ChickenPhender_250, Chomp_252, CindyLou_255, Colt_245, Concombre_260, DTDevon_255, Daffodil_260, Dandelion_260, Darko_254, Delilah_252, Delylah_256, Derek_250, Dietrick_243, DirtMonster_243, DrPhinkDaddy_251, Drazdys_251, ET08_240, EasyJones_255, EggyFarm_262, EmToTheThree_255, EmmaElysia_259, Erdmann_256, ErnieJ_248, Essence_252, Ewok_253, Flabslab_249, Fludd_254, FoxtrotP1_253, FrayBell_257, FudgeTart_250, Gabriel_257, Gamgam_256, Ghost_254, Gizmo_260, Grasshills_261, Grungle_236, Guwapp_250, HyRo_239, I3_264, IkeLoa_248, IgigoMontoya_258, InterFolia_256, Iota_251, Issimir_251, Izajani_250, JPickles_252, Janiyra_258, JayJay_250, Jaygup_251, Jedediah_256, Jemmno_254, Jessibeth14_254, JulietS_246, JustHall_248, Kamryn_253, Kboogie_258, Khaleesi_253, Koguma_253, LRRHood_246, Latch_254, Lee7_255, LifeSavor_255, LinStu_251, Littleton_258, Loanshark_251, LolaVinca_250, LordLeafolot_256, Lukilu_243, Maby2021_255, Mangeria_254, Matsumoto_252, McGee_256, McWolfish_251, Megamind_251, Melpomini_249, MikeLiesIn_255, Mikro_248, MoMoMixon_250, Momo_256, Morizzled23_252, Naija_255, Napoleon13_251, Nappy_253, Naval22_259, NedWong_253, Ngannou_249, Nidhogg_255, NoodleTree_250, Norm_254, NuevoMundo_256, ParkTD_253, Patter_256, Phlegm_259, Phox_255, Phusco_253, Pier_253, Pinkcreek_234, Pio_261, Pivoine_255, Pleione_258, PurduePete_255, QBert_246, Quasimodo_257, Rabinovish_247, Rahel_256, Rizal_243, RoMag_249, Ronan_250, Roots515_257, Salacia_256, Sauce_251, ScottMcG_246, Sebata_254, Shaqnato_245, Shelob_255, ShiaLabeouf_252, Shifa_230, Shnickers_253, Shrimp_257, SilverDipper_259, SmallFry_255, Spec_248, Specks_259, Sprinklers_252, Spud_246, SrishMeg2525_252, StephanieG_248, StubbySaigey_261, Stubby_237, Teardrop_253, TinyTim_253, Tonenili_276, Tortoise16_252, Trinitium_251, Turret_245, Tyke_251, ValleyTerrace_255, Wally_252, Willis_255, Yassified_250, YemiJoy2021_255, YoungMoneyMata_254, Yucca_255, Zalkecks_253, Zeenon_255, ZygoTaiga_251,

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 1:

- Found in 182 of 182 (100.0%) of genes in pham
- Manual Annotations of this start: 167 of 167
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ading_257 (C1), Adlitam_254 (C1), Alice_240 (C1), Amataga_255 (C1), ArcherS7_255 (C1), Asterius_251 (C1), Astraea_250 (C1), Atlantean_254 (C1), Audrick_257 (C1), Ava3_251 (C1), Babyland_257 (C1), BackyardAgain_249 (C1), BadAgartude_248 (C1), BananaFence_252 (C1), Bangla1971_255 (C1), Basquiat_252 (C1), BeanWater_247 (C1), BigCity_262 (C1), Bigswole_259 (C1), Bipolarisk_252 (C1), Blackbrain_253 (C1), Blubba_250 (C1), Bonray_257 (C1), Bread_251 (C1), Breeniome_254 (C1), Burrough_255 (C1), Bxz1_240 (C1), Cactojaque_249 (C1), Cali_244 (C1), Cane17_244 (C1), Capablanca_259 (C1), Caravan_244 (C1), Catera_243 (C1), Chargie21_252 (C1), CharlieB_249 (C1), ChaylaJr_253 (C1), ChickenPhender_250 (C1), Chomp_252 (C1), CindyLou_255 (C1), Colt_245 (C1), Concombre_260 (C1), DTDevon_255 (C1), Daffodil_260 (C1), Dandelion_260 (C1), Darko_254 (C1), Delilah_252 (C1), Delylah_256 (C1), Derek_250 (C1), Dietrick_243 (C1), DirtMonster_243 (C1), DrPhinkDaddy_251 (C1), Drazdys_251 (C1), ET08_240 (C1), EasyJones_255 (C1), EggyFarm_262 (C1), EmToTheThree_255 (C1), EmmaElysia_259 (C1), Erdmann_256 (C1), ErnieJ_248 (C1), Essence_252 (C1), Ewok_253 (C1), Flabslab_249 (C1), Fludd_254 (C1), FoxtrotP1_253 (C1), FrayBell_257 (C1), FudgeTart_250 (C1), Gabriel_257 (C1), Gamgam_256 (C1), Ghost_254 (C1), Gizmo_260 (C1), Grasshills_261 (C1), Grungle_236 (C1), Guwapp_250 (C1), HyRo_239 (C1), I3_264 (C1), IkeLoa_248 (C1), InigoMontoya_258 (C1), InterFolia_256 (C1), Iota_251 (C1), Issimir_251 (C1), Izajani_250 (C1), JPickles_252 (C1), Janiyra_258 (C1), JayJay_250 (C1), Jaygup_251 (C1), Jedediah_256 (C1), Jemmno_254 (C1), Jessibeth14_254 (C1), JulietS_246 (C1), JustHall_248 (C1), Kamryn_253 (C1), Kboogie_258 (C1), Khaleesi_253 (C1), Koguma_253 (C1), LRRHood_246 (C1), Latch_254 (C1), Lee7_255 (C1), LifeSavor_255 (C1), LinStu_251 (C1), Littleton_258 (C1), Loanshark_251 (C1), LolaVinca_250 (C1), LordLeafolot_256 (C1), Lukilu_243 (C1), Maby2021_255 (C1), Mangeria_254 (C1), Matsumoto_252 (C1), McGee_256 (C1), McWolfish_251 (C1), Megamind_251 (C1), Melpomini_249 (C1), MikeLiesln_255 (C1), Mikro_248 (C1), MoMoMixon_250 (C1), Momo_256 (C1), Morizzled23_252 (C1), Naija_255 (C1), Napoleon13_251 (C1), Nappy_253 (C1), Naval22_259 (C1), NedWong_253 (C1), Ngannou_249 (C1), Nidhogg_255 (C1), NoodleTree_250 (C1), Norm_254 (C1), NuevoMundo_256 (C1), ParkTD_253 (C1), Patter_256 (C1), Phlegm_259 (C1), Phox_255 (C1), Phusco_253 (C1), Pier_253 (C1), Pinkcreek_234 (C1), Pio_261 (C1), Pivoine_255 (C1), Pleione_258 (C1), PurduePete_255 (C1), QBert_246 (C1), Quasimodo_257 (C1), Rabinovich_247 (C1), Rahel_256 (C1), Rizal_243 (C1), RoMag_249 (C1), Ronan_250 (C1), Roots515_257 (C1), Salacia_256 (C1), Sauce_251 (C1), ScottMcG_246 (C1), Sebata_254 (C1), Shaqnato_245 (C1), Shelob_255 (C1), ShiaLabeouf_252 (C1), Shifa_230 (C1), Shnickers_253 (C1), Shrimp_257 (C1), SilverDipper_259 (C1), SmallFry_255 (C1), Spec_248 (C1), Specks_259 (C1), Sprinklers_252 (C1), Spud_246 (C1), SrishMeg2525_252 (C1), StephanieG_248 (C1), StubbySaigey_261 (C1), Stubby_237 (C1), Teardrop_253 (C1), TinyTim_253 (C1), Tonenili_276 (C1), Tortoise16_252 (C1), Trinitium_251 (C1), Turret_245 (C1), Tyke_251 (C1), ValleyTerrace_255 (C1), Wally_252 (C1), Willis_255 (C1), Yassified_250 (C1), YemiJoy2021_255 (C1), YoungMoneyMata_254 (C1), Yucca_255 (C1), Zalkecks_253 (C1), Zeenon_255 (C1), ZygoTaiga_251 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

- Start number 1 was manually annotated 167 times for cluster C1.

Gene Information:

Gene: Ading_257 Start: 150766, Stop: 150894, Start Num: 1

Candidate Starts for Ading_257:

(Start: 1 @150766 has 167 MA's), (3, 150841), (4, 150853),

Gene: Adlitam_254 Start: 148114, Stop: 148242, Start Num: 1

Candidate Starts for Adlitam_254:

(Start: 1 @148114 has 167 MA's), (3, 148189), (4, 148201),

Gene: Alice_240 Start: 145997, Stop: 146125, Start Num: 1

Candidate Starts for Alice_240:

(Start: 1 @145997 has 167 MA's), (3, 146072), (4, 146084),

Gene: Amataga_255 Start: 147920, Stop: 148048, Start Num: 1

Candidate Starts for Amataga_255:

(Start: 1 @147920 has 167 MA's), (3, 147995), (4, 148007),

Gene: ArcherS7_255 Start: 149665, Stop: 149793, Start Num: 1

Candidate Starts for ArcherS7_255:

(Start: 1 @149665 has 167 MA's), (3, 149740), (4, 149752),

Gene: Asterius_251 Start: 147971, Stop: 148099, Start Num: 1

Candidate Starts for Asterius_251:

(Start: 1 @147971 has 167 MA's), (3, 148046), (4, 148058),

Gene: Astraea_250 Start: 147973, Stop: 148101, Start Num: 1

Candidate Starts for Astraea_250:

(Start: 1 @147973 has 167 MA's), (3, 148048), (4, 148060),

Gene: Atlantean_254 Start: 147920, Stop: 148048, Start Num: 1

Candidate Starts for Atlantean_254:

(Start: 1 @147920 has 167 MA's), (3, 147995), (4, 148007),

Gene: Audrick_257 Start: 147810, Stop: 147938, Start Num: 1

Candidate Starts for Audrick_257:

(Start: 1 @147810 has 167 MA's), (3, 147885), (4, 147897),

Gene: Ava3_251 Start: 147573, Stop: 147701, Start Num: 1

Candidate Starts for Ava3_251:

(Start: 1 @147573 has 167 MA's), (3, 147648), (4, 147660),

Gene: Babyland_257 Start: 148697, Stop: 148825, Start Num: 1

Candidate Starts for Babyland_257:

(Start: 1 @ 148697 has 167 MA's), (3, 148772), (4, 148784),
Gene: BackyardAgain_249 Start: 146070, Stop: 146198, Start Num: 1
Candidate Starts for BackyardAgain_249:
(Start: 1 @ 146070 has 167 MA's), (3, 146145), (4, 146157),
Gene: BadAgartude_248 Start: 147982, Stop: 148110, Start Num: 1
Candidate Starts for BadAgartude_248:
(Start: 1 @ 147982 has 167 MA's), (3, 148057), (4, 148069),
Gene: BananaFence_252 Start: 148602, Stop: 148730, Start Num: 1
Candidate Starts for BananaFence_252:
(Start: 1 @ 148602 has 167 MA's), (3, 148677), (4, 148689),
Gene: Bangla1971_255 Start: 147822, Stop: 147950, Start Num: 1
Candidate Starts for Bangla1971_255:
(Start: 1 @ 147822 has 167 MA's), (3, 147897), (4, 147909),
Gene: Basquiat_252 Start: 146888, Stop: 147016, Start Num: 1
Candidate Starts for Basquiat_252:
(Start: 1 @ 146888 has 167 MA's), (3, 146963), (4, 146975),
Gene: BeanWater_247 Start: 146958, Stop: 147086, Start Num: 1
Candidate Starts for BeanWater_247:
(Start: 1 @ 146958 has 167 MA's), (3, 147033), (4, 147045),
Gene: BigCity_262 Start: 149713, Stop: 149841, Start Num: 1
Candidate Starts for BigCity_262:
(Start: 1 @ 149713 has 167 MA's), (3, 149788), (4, 149800),
Gene: Bigswole_259 Start: 149624, Stop: 149752, Start Num: 1
Candidate Starts for Bigswole_259:
(Start: 1 @ 149624 has 167 MA's), (3, 149699), (4, 149711),
Gene: Bipolarisk_252 Start: 147841, Stop: 147969, Start Num: 1
Candidate Starts for Bipolarisk_252:
(Start: 1 @ 147841 has 167 MA's), (3, 147916), (4, 147928),
Gene: Blackbrain_253 Start: 148665, Stop: 148793, Start Num: 1
Candidate Starts for Blackbrain_253:
(Start: 1 @ 148665 has 167 MA's), (3, 148740), (4, 148752),
Gene: Blubba_250 Start: 151927, Stop: 152055, Start Num: 1
Candidate Starts for Blubba_250:
(Start: 1 @ 151927 has 167 MA's), (3, 152002), (4, 152014),
Gene: Bonray_257 Start: 150465, Stop: 150593, Start Num: 1
Candidate Starts for Bonray_257:
(Start: 1 @ 150465 has 167 MA's), (3, 150540), (4, 150552),
Gene: Bread_251 Start: 147625, Stop: 147753, Start Num: 1
Candidate Starts for Bread_251:
(Start: 1 @ 147625 has 167 MA's), (3, 147700), (4, 147712),

Gene: Breeniome_254 Start: 147420, Stop: 147548, Start Num: 1

Candidate Starts for Breeniome_254:

(Start: 1 @147420 has 167 MA's), (3, 147495), (4, 147507),

Gene: Burrough_255 Start: 148986, Stop: 149114, Start Num: 1

Candidate Starts for Burrough_255:

(Start: 1 @148986 has 167 MA's), (3, 149061), (4, 149073),

Gene: Bxz1_240 Start: 149190, Stop: 149318, Start Num: 1

Candidate Starts for Bxz1_240:

(Start: 1 @149190 has 167 MA's), (3, 149265), (4, 149277),

Gene: Cactojaque_249 Start: 147611, Stop: 147739, Start Num: 1

Candidate Starts for Cactojaque_249:

(Start: 1 @147611 has 167 MA's), (3, 147686), (4, 147698),

Gene: Cali_244 Start: 148390, Stop: 148518, Start Num: 1

Candidate Starts for Cali_244:

(Start: 1 @148390 has 167 MA's), (3, 148465), (4, 148477),

Gene: Cane17_244 Start: 152336, Stop: 152464, Start Num: 1

Candidate Starts for Cane17_244:

(Start: 1 @152336 has 167 MA's), (3, 152411), (4, 152423),

Gene: Capablanca_259 Start: 150644, Stop: 150772, Start Num: 1

Candidate Starts for Capablanca_259:

(Start: 1 @150644 has 167 MA's), (3, 150719), (4, 150731),

Gene: Caravan_244 Start: 147887, Stop: 148015, Start Num: 1

Candidate Starts for Caravan_244:

(Start: 1 @147887 has 167 MA's), (3, 147962), (4, 147974),

Gene: Catera_243 Start: 147133, Stop: 147261, Start Num: 1

Candidate Starts for Catera_243:

(Start: 1 @147133 has 167 MA's), (3, 147208), (4, 147220),

Gene: Charge21_252 Start: 146888, Stop: 147016, Start Num: 1

Candidate Starts for Charge21_252:

(Start: 1 @146888 has 167 MA's), (3, 146963), (4, 146975),

Gene: CharlieB_249 Start: 148156, Stop: 148284, Start Num: 1

Candidate Starts for CharlieB_249:

(Start: 1 @148156 has 167 MA's), (3, 148231), (4, 148243),

Gene: ChaylaJr_253 Start: 147830, Stop: 147958, Start Num: 1

Candidate Starts for ChaylaJr_253:

(Start: 1 @147830 has 167 MA's), (3, 147905), (4, 147917),

Gene: ChickenPhender_250 Start: 146586, Stop: 146714, Start Num: 1

Candidate Starts for ChickenPhender_250:

(Start: 1 @146586 has 167 MA's), (3, 146661), (4, 146673),

Gene: Chomp_252 Start: 150022, Stop: 150150, Start Num: 1

Candidate Starts for Chomp_252:

(Start: 1 @150022 has 167 MA's), (3, 150097), (4, 150109),

Gene: CindyLou_255 Start: 150282, Stop: 150410, Start Num: 1

Candidate Starts for CindyLou_255:

(Start: 1 @150282 has 167 MA's), (3, 150357), (4, 150369),

Gene: Colt_245 Start: 151528, Stop: 151656, Start Num: 1

Candidate Starts for Colt_245:

(Start: 1 @151528 has 167 MA's), (3, 151603), (4, 151615),

Gene: Concombre_260 Start: 149820, Stop: 149948, Start Num: 1

Candidate Starts for Concombre_260:

(Start: 1 @149820 has 167 MA's), (3, 149895), (4, 149907),

Gene: DTDevon_255 Start: 149854, Stop: 149982, Start Num: 1

Candidate Starts for DTDevon_255:

(Start: 1 @149854 has 167 MA's), (3, 149929), (4, 149941),

Gene: Daffodil_260 Start: 148141, Stop: 148269, Start Num: 1

Candidate Starts for Daffodil_260:

(Start: 1 @148141 has 167 MA's), (3, 148216), (4, 148228),

Gene: Dandelion_260 Start: 150675, Stop: 150803, Start Num: 1

Candidate Starts for Dandelion_260:

(Start: 1 @150675 has 167 MA's), (3, 150750), (4, 150762),

Gene: Darko_254 Start: 148606, Stop: 148734, Start Num: 1

Candidate Starts for Darko_254:

(Start: 1 @148606 has 167 MA's), (3, 148681), (4, 148693),

Gene: Delilah_252 Start: 148234, Stop: 148362, Start Num: 1

Candidate Starts for Delilah_252:

(Start: 1 @148234 has 167 MA's), (3, 148309), (4, 148321),

Gene: Delylah_256 Start: 148511, Stop: 148639, Start Num: 1

Candidate Starts for Delylah_256:

(Start: 1 @148511 has 167 MA's), (3, 148586), (4, 148598),

Gene: Derek_250 Start: 149299, Stop: 149427, Start Num: 1

Candidate Starts for Derek_250:

(Start: 1 @149299 has 167 MA's), (3, 149374), (4, 149386),

Gene: Dietrick_243 Start: 147162, Stop: 147290, Start Num: 1

Candidate Starts for Dietrick_243:

(Start: 1 @147162 has 167 MA's), (3, 147237), (4, 147249),

Gene: DirtMonster_243 Start: 147894, Stop: 148022, Start Num: 1

Candidate Starts for DirtMonster_243:

(Start: 1 @147894 has 167 MA's), (3, 147969), (4, 147981),

Gene: DrPhinkDaddy_251 Start: 148919, Stop: 149047, Start Num: 1

Candidate Starts for DrPhinkDaddy_251:
(Start: 1 @148919 has 167 MA's), (3, 148994), (4, 149006),

Gene: Drazdys_251 Start: 149306, Stop: 149434, Start Num: 1
Candidate Starts for Drazdys_251:
(Start: 1 @149306 has 167 MA's), (3, 149381), (4, 149393),

Gene: ET08_240 Start: 147630, Stop: 147758, Start Num: 1
Candidate Starts for ET08_240:
(Start: 1 @147630 has 167 MA's), (3, 147705), (4, 147717),

Gene: EasyJones_255 Start: 147682, Stop: 147810, Start Num: 1
Candidate Starts for EasyJones_255:
(Start: 1 @147682 has 167 MA's), (3, 147757), (4, 147769),

Gene: EggyFarm_262 Start: 149714, Stop: 149842, Start Num: 1
Candidate Starts for EggyFarm_262:
(Start: 1 @149714 has 167 MA's), (3, 149789), (4, 149801),

Gene: EmToTheThree_255 Start: 148707, Stop: 148835, Start Num: 1
Candidate Starts for EmToTheThree_255:
(Start: 1 @148707 has 167 MA's), (3, 148782), (4, 148794),

Gene: EmmaElysia_259 Start: 150177, Stop: 150305, Start Num: 1
Candidate Starts for EmmaElysia_259:
(Start: 1 @150177 has 167 MA's), (3, 150252), (4, 150264),

Gene: Erdmann_256 Start: 148675, Stop: 148803, Start Num: 1
Candidate Starts for Erdmann_256:
(Start: 1 @148675 has 167 MA's), (3, 148750), (4, 148762),

Gene: ErnieJ_248 Start: 146310, Stop: 146438, Start Num: 1
Candidate Starts for ErnieJ_248:
(Start: 1 @146310 has 167 MA's), (3, 146385), (4, 146397),

Gene: Essence_252 Start: 148518, Stop: 148646, Start Num: 1
Candidate Starts for Essence_252:
(Start: 1 @148518 has 167 MA's), (3, 148593), (4, 148605),

Gene: Ewok_253 Start: 148169, Stop: 148297, Start Num: 1
Candidate Starts for Ewok_253:
(Start: 1 @148169 has 167 MA's), (3, 148244), (4, 148256),

Gene: Flabslab_249 Start: 145575, Stop: 145703, Start Num: 1
Candidate Starts for Flabslab_249:
(Start: 1 @145575 has 167 MA's), (3, 145650), (4, 145662),

Gene: Fludd_254 Start: 147394, Stop: 147522, Start Num: 1
Candidate Starts for Fludd_254:
(Start: 1 @147394 has 167 MA's), (3, 147469), (4, 147481),

Gene: FoxtrotP1_253 Start: 149261, Stop: 149389, Start Num: 1
Candidate Starts for FoxtrotP1_253:

(Start: 1 @ 149261 has 167 MA's), (3, 149336), (4, 149348),

Gene: FrayBell_257 Start: 147525, Stop: 147653, Start Num: 1

Candidate Starts for FrayBell_257:

(Start: 1 @ 147525 has 167 MA's), (3, 147600), (4, 147612),

Gene: FudgeTart_250 Start: 147765, Stop: 147893, Start Num: 1

Candidate Starts for FudgeTart_250:

(Start: 1 @ 147765 has 167 MA's), (3, 147840), (4, 147852),

Gene: Gabriel_257 Start: 147553, Stop: 147681, Start Num: 1

Candidate Starts for Gabriel_257:

(Start: 1 @ 147553 has 167 MA's), (3, 147628), (4, 147640),

Gene: Gamgam_256 Start: 147910, Stop: 148038, Start Num: 1

Candidate Starts for Gamgam_256:

(Start: 1 @ 147910 has 167 MA's), (3, 147985), (4, 147997),

Gene: Ghost_254 Start: 148534, Stop: 148662, Start Num: 1

Candidate Starts for Ghost_254:

(Start: 1 @ 148534 has 167 MA's), (3, 148609), (4, 148621),

Gene: Gizmo_260 Start: 150592, Stop: 150720, Start Num: 1

Candidate Starts for Gizmo_260:

(Start: 1 @ 150592 has 167 MA's), (3, 150667), (4, 150679),

Gene: Grasshills_261 Start: 149713, Stop: 149841, Start Num: 1

Candidate Starts for Grasshills_261:

(Start: 1 @ 149713 has 167 MA's), (3, 149788), (4, 149800),

Gene: Grungle_236 Start: 145799, Stop: 145927, Start Num: 1

Candidate Starts for Grungle_236:

(Start: 1 @ 145799 has 167 MA's), (3, 145874), (4, 145886),

Gene: Guwapp_250 Start: 146561, Stop: 146689, Start Num: 1

Candidate Starts for Guwapp_250:

(Start: 1 @ 146561 has 167 MA's), (3, 146636), (4, 146648),

Gene: HyRo_239 Start: 147078, Stop: 147206, Start Num: 1

Candidate Starts for HyRo_239:

(Start: 1 @ 147078 has 167 MA's), (3, 147153), (4, 147165),

Gene: I3_264 Start: 148869, Stop: 148997, Start Num: 1

Candidate Starts for I3_264:

(Start: 1 @ 148869 has 167 MA's), (3, 148944), (4, 148956),

Gene: IkeLoa_248 Start: 148266, Stop: 148394, Start Num: 1

Candidate Starts for IkeLoa_248:

(Start: 1 @ 148266 has 167 MA's), (3, 148341), (4, 148353),

Gene: InigoMontoya_258 Start: 148584, Stop: 148712, Start Num: 1

Candidate Starts for InigoMontoya_258:

(Start: 1 @ 148584 has 167 MA's), (3, 148659), (4, 148671),

Gene: InterFolia_256 Start: 149330, Stop: 149458, Start Num: 1

Candidate Starts for InterFolia_256:

(Start: 1 @149330 has 167 MA's), (3, 149405), (4, 149417),

Gene: Iota_251 Start: 148296, Stop: 148424, Start Num: 1

Candidate Starts for Iota_251:

(Start: 1 @148296 has 167 MA's), (3, 148371), (4, 148383),

Gene: Issimir_251 Start: 148671, Stop: 148799, Start Num: 1

Candidate Starts for Issimir_251:

(Start: 1 @148671 has 167 MA's), (3, 148746), (4, 148758),

Gene: Izajani_250 Start: 149116, Stop: 149244, Start Num: 1

Candidate Starts for Izajani_250:

(Start: 1 @149116 has 167 MA's), (3, 149191), (4, 149203),

Gene: JPickles_252 Start: 147721, Stop: 147849, Start Num: 1

Candidate Starts for JPickles_252:

(Start: 1 @147721 has 167 MA's), (3, 147796), (4, 147808),

Gene: Janiyra_258 Start: 149258, Stop: 149386, Start Num: 1

Candidate Starts for Janiyra_258:

(Start: 1 @149258 has 167 MA's), (3, 149333), (4, 149345),

Gene: JayJay_250 Start: 147250, Stop: 147378, Start Num: 1

Candidate Starts for JayJay_250:

(Start: 1 @147250 has 167 MA's), (3, 147325), (4, 147337),

Gene: Jaygup_251 Start: 148443, Stop: 148571, Start Num: 1

Candidate Starts for Jaygup_251:

(Start: 1 @148443 has 167 MA's), (3, 148518), (4, 148530),

Gene: Jedediah_256 Start: 149496, Stop: 149624, Start Num: 1

Candidate Starts for Jedediah_256:

(Start: 1 @149496 has 167 MA's), (3, 149571), (4, 149583),

Gene: Jemmno_254 Start: 148215, Stop: 148343, Start Num: 1

Candidate Starts for Jemmno_254:

(Start: 1 @148215 has 167 MA's), (3, 148290), (4, 148302),

Gene: Jessibeth14_254 Start: 148884, Stop: 149012, Start Num: 1

Candidate Starts for Jessibeth14_254:

(Start: 1 @148884 has 167 MA's), (3, 148959), (4, 148971),

Gene: JulietS_246 Start: 145795, Stop: 145923, Start Num: 1

Candidate Starts for JulietS_246:

(Start: 1 @145795 has 167 MA's), (3, 145870), (4, 145882),

Gene: JustHall_248 Start: 147745, Stop: 147873, Start Num: 1

Candidate Starts for JustHall_248:

(Start: 1 @147745 has 167 MA's), (3, 147820), (4, 147832),

Gene: Kamryn_253 Start: 149335, Stop: 149463, Start Num: 1

Candidate Starts for Kamryn_253:

(Start: 1 @149335 has 167 MA's), (3, 149410), (4, 149422),

Gene: Kboogie_258 Start: 148374, Stop: 148502, Start Num: 1

Candidate Starts for Kboogie_258:

(Start: 1 @148374 has 167 MA's), (3, 148449), (4, 148461),

Gene: Khaleesi_253 Start: 148351, Stop: 148479, Start Num: 1

Candidate Starts for Khaleesi_253:

(Start: 1 @148351 has 167 MA's), (3, 148426), (4, 148438),

Gene: Koguma_253 Start: 147957, Stop: 148085, Start Num: 1

Candidate Starts for Koguma_253:

(Start: 1 @147957 has 167 MA's), (3, 148032), (4, 148044),

Gene: LRRHood_246 Start: 147367, Stop: 147495, Start Num: 1

Candidate Starts for LRRHood_246:

(Start: 1 @147367 has 167 MA's), (3, 147442), (4, 147454),

Gene: Latch_254 Start: 147920, Stop: 148048, Start Num: 1

Candidate Starts for Latch_254:

(Start: 1 @147920 has 167 MA's), (3, 147995), (4, 148007),

Gene: Lee7_255 Start: 151021, Stop: 151149, Start Num: 1

Candidate Starts for Lee7_255:

(Start: 1 @151021 has 167 MA's), (3, 151096), (4, 151108),

Gene: LifeSavor_255 Start: 149148, Stop: 149276, Start Num: 1

Candidate Starts for LifeSavor_255:

(Start: 1 @149148 has 167 MA's), (3, 149223), (4, 149235),

Gene: LinStu_251 Start: 147249, Stop: 147377, Start Num: 1

Candidate Starts for LinStu_251:

(Start: 1 @147249 has 167 MA's), (3, 147324), (4, 147336),

Gene: Littleton_258 Start: 149157, Stop: 149285, Start Num: 1

Candidate Starts for Littleton_258:

(Start: 1 @149157 has 167 MA's), (3, 149232), (4, 149244),

Gene: Loanshark_251 Start: 147700, Stop: 147828, Start Num: 1

Candidate Starts for Loanshark_251:

(Start: 1 @147700 has 167 MA's), (3, 147775), (4, 147787),

Gene: LolaVinca_250 Start: 148760, Stop: 148888, Start Num: 1

Candidate Starts for LolaVinca_250:

(Start: 1 @148760 has 167 MA's), (3, 148835), (4, 148847),

Gene: LordLeafolot_256 Start: 148373, Stop: 148501, Start Num: 1

Candidate Starts for LordLeafolot_256:

(Start: 1 @148373 has 167 MA's), (3, 148448), (4, 148460),

Gene: Lukilu_243 Start: 149376, Stop: 149504, Start Num: 1

Candidate Starts for Lukilu_243:

(Start: 1 @ 149376 has 167 MA's), (3, 149451), (4, 149463),

Gene: Maby2021_255 Start: 149253, Stop: 149381, Start Num: 1

Candidate Starts for Maby2021_255:

(Start: 1 @ 149253 has 167 MA's), (3, 149328), (4, 149340),

Gene: Mangeria_254 Start: 149271, Stop: 149399, Start Num: 1

Candidate Starts for Mangeria_254:

(Start: 1 @ 149271 has 167 MA's), (3, 149346), (4, 149358),

Gene: Matsumoto_252 Start: 148362, Stop: 148490, Start Num: 1

Candidate Starts for Matsumoto_252:

(Start: 1 @ 148362 has 167 MA's), (3, 148437), (4, 148449),

Gene: McGee_256 Start: 148708, Stop: 148836, Start Num: 1

Candidate Starts for McGee_256:

(Start: 1 @ 148708 has 167 MA's), (3, 148783), (4, 148795),

Gene: McWolfish_251 Start: 147562, Stop: 147690, Start Num: 1

Candidate Starts for McWolfish_251:

(Start: 1 @ 147562 has 167 MA's), (3, 147637), (4, 147649),

Gene: Megamind_251 Start: 147887, Stop: 148015, Start Num: 1

Candidate Starts for Megamind_251:

(Start: 1 @ 147887 has 167 MA's), (3, 147962), (4, 147974),

Gene: Melpomini_249 Start: 147454, Stop: 147582, Start Num: 1

Candidate Starts for Melpomini_249:

(Start: 1 @ 147454 has 167 MA's), (3, 147529), (4, 147541),

Gene: MikeLiesIn_255 Start: 149023, Stop: 149151, Start Num: 1

Candidate Starts for MikeLiesIn_255:

(Start: 1 @ 149023 has 167 MA's), (3, 149098), (4, 149110),

Gene: Mikro_248 Start: 150273, Stop: 150401, Start Num: 1

Candidate Starts for Mikro_248:

(Start: 1 @ 150273 has 167 MA's), (3, 150348), (4, 150360),

Gene: MoMoMixon_250 Start: 147982, Stop: 148110, Start Num: 1

Candidate Starts for MoMoMixon_250:

(Start: 1 @ 147982 has 167 MA's), (3, 148057), (4, 148069),

Gene: Momo_256 Start: 147920, Stop: 148048, Start Num: 1

Candidate Starts for Momo_256:

(Start: 1 @ 147920 has 167 MA's), (3, 147995), (4, 148007),

Gene: Morizzled23_252 Start: 147736, Stop: 147864, Start Num: 1

Candidate Starts for Morizzled23_252:

(Start: 1 @ 147736 has 167 MA's), (3, 147811), (4, 147823),

Gene: Naija_255 Start: 148623, Stop: 148751, Start Num: 1

Candidate Starts for Naija_255:

(Start: 1 @ 148623 has 167 MA's), (3, 148698), (4, 148710),

Gene: Napoleon13_251 Start: 147652, Stop: 147780, Start Num: 1

Candidate Starts for Napoleon13_251:

(Start: 1 @ 147652 has 167 MA's), (3, 147727), (4, 147739),

Gene: Nappy_253 Start: 148922, Stop: 149050, Start Num: 1

Candidate Starts for Nappy_253:

(Start: 1 @ 148922 has 167 MA's), (3, 148997), (4, 149009),

Gene: Naval22_259 Start: 150403, Stop: 150531, Start Num: 1

Candidate Starts for Naval22_259:

(Start: 1 @ 150403 has 167 MA's), (3, 150478), (4, 150490),

Gene: NedWong_253 Start: 148274, Stop: 148402, Start Num: 1

Candidate Starts for NedWong_253:

(Start: 1 @ 148274 has 167 MA's), (3, 148349), (4, 148361),

Gene: Ngannou_249 Start: 147605, Stop: 147733, Start Num: 1

Candidate Starts for Ngannou_249:

(Start: 1 @ 147605 has 167 MA's), (3, 147680), (4, 147692),

Gene: Nidhogg_255 Start: 149449, Stop: 149577, Start Num: 1

Candidate Starts for Nidhogg_255:

(Start: 1 @ 149449 has 167 MA's), (3, 149524), (4, 149536),

Gene: NoodleTree_250 Start: 144200, Stop: 144328, Start Num: 1

Candidate Starts for NoodleTree_250:

(Start: 1 @ 144200 has 167 MA's), (3, 144275), (4, 144287),

Gene: Norm_254 Start: 148543, Stop: 148671, Start Num: 1

Candidate Starts for Norm_254:

(Start: 1 @ 148543 has 167 MA's), (3, 148618), (4, 148630),

Gene: NuevoMundo_256 Start: 149029, Stop: 149157, Start Num: 1

Candidate Starts for NuevoMundo_256:

(Start: 1 @ 149029 has 167 MA's), (3, 149104), (4, 149116),

Gene: ParkTD_253 Start: 148113, Stop: 148241, Start Num: 1

Candidate Starts for ParkTD_253:

(Start: 1 @ 148113 has 167 MA's), (3, 148188), (4, 148200),

Gene: Patter_256 Start: 148580, Stop: 148708, Start Num: 1

Candidate Starts for Patter_256:

(Start: 1 @ 148580 has 167 MA's), (3, 148655), (4, 148667),

Gene: Phlegm_259 Start: 149326, Stop: 149454, Start Num: 1

Candidate Starts for Phlegm_259:

(Start: 1 @ 149326 has 167 MA's), (3, 149401), (4, 149413),

Gene: Phox_255 Start: 147768, Stop: 147896, Start Num: 1

Candidate Starts for Phox_255:

(Start: 1 @ 147768 has 167 MA's), (3, 147843), (4, 147855),

Gene: Phusco_253 Start: 148158, Stop: 148286, Start Num: 1
Candidate Starts for Phusco_253:
(Start: 1 @148158 has 167 MA's), (3, 148233), (4, 148245),

Gene: Pier_253 Start: 149451, Stop: 149579, Start Num: 1
Candidate Starts for Pier_253:
(Start: 1 @149451 has 167 MA's), (3, 149526), (4, 149538),

Gene: Pinkcreek_234 Start: 145777, Stop: 145905, Start Num: 1
Candidate Starts for Pinkcreek_234:
(Start: 1 @145777 has 167 MA's), (3, 145852), (4, 145864),

Gene: Pio_261 Start: 149847, Stop: 149975, Start Num: 1
Candidate Starts for Pio_261:
(Start: 1 @149847 has 167 MA's), (3, 149922), (4, 149934),

Gene: Pivoine_255 Start: 148623, Stop: 148751, Start Num: 1
Candidate Starts for Pivoine_255:
(Start: 1 @148623 has 167 MA's), (3, 148698), (4, 148710),

Gene: Pleione_258 Start: 148579, Stop: 148707, Start Num: 1
Candidate Starts for Pleione_258:
(Start: 1 @148579 has 167 MA's), (3, 148654), (4, 148666),

Gene: PurduePete_255 Start: 149293, Stop: 149421, Start Num: 1
Candidate Starts for PurduePete_255:
(Start: 1 @149293 has 167 MA's), (3, 149368), (4, 149380),

Gene: QBert_246 Start: 146973, Stop: 147101, Start Num: 1
Candidate Starts for QBert_246:
(Start: 1 @146973 has 167 MA's), (3, 147048), (4, 147060),

Gene: Quasimodo_257 Start: 148959, Stop: 149087, Start Num: 1
Candidate Starts for Quasimodo_257:
(Start: 1 @148959 has 167 MA's), (3, 149034), (4, 149046),

Gene: Rabinovish_247 Start: 147463, Stop: 147591, Start Num: 1
Candidate Starts for Rabinovish_247:
(Start: 1 @147463 has 167 MA's), (3, 147538), (4, 147550),

Gene: Rahel_256 Start: 149061, Stop: 149189, Start Num: 1
Candidate Starts for Rahel_256:
(Start: 1 @149061 has 167 MA's), (3, 149136), (4, 149148),

Gene: Rizal_243 Start: 146876, Stop: 147004, Start Num: 1
Candidate Starts for Rizal_243:
(Start: 1 @146876 has 167 MA's), (3, 146951), (4, 146963),

Gene: RoMag_249 Start: 148657, Stop: 148785, Start Num: 1
Candidate Starts for RoMag_249:
(Start: 1 @148657 has 167 MA's), (3, 148732), (4, 148744),

Gene: Ronan_250 Start: 147038, Stop: 147166, Start Num: 1

Candidate Starts for Ronan_250:

(Start: 1 @147038 has 167 MA's), (3, 147113), (4, 147125),

Gene: Roots515_257 Start: 149395, Stop: 149523, Start Num: 1

Candidate Starts for Roots515_257:

(Start: 1 @149395 has 167 MA's), (3, 149470), (4, 149482),

Gene: Salacia_256 Start: 149719, Stop: 149847, Start Num: 1

Candidate Starts for Salacia_256:

(Start: 1 @149719 has 167 MA's), (3, 149794), (4, 149806),

Gene: Sauce_251 Start: 148385, Stop: 148513, Start Num: 1

Candidate Starts for Sauce_251:

(Start: 1 @148385 has 167 MA's), (3, 148460), (4, 148472),

Gene: ScottMcG_246 Start: 147586, Stop: 147714, Start Num: 1

Candidate Starts for ScottMcG_246:

(Start: 1 @147586 has 167 MA's), (3, 147661), (4, 147673),

Gene: Sebata_254 Start: 148438, Stop: 148566, Start Num: 1

Candidate Starts for Sebata_254:

(Start: 1 @148438 has 167 MA's), (3, 148513), (4, 148525),

Gene: Shaqnato_245 Start: 147794, Stop: 147922, Start Num: 1

Candidate Starts for Shaqnato_245:

(Start: 1 @147794 has 167 MA's), (3, 147869), (4, 147881),

Gene: Shelob_255 Start: 149713, Stop: 149841, Start Num: 1

Candidate Starts for Shelob_255:

(Start: 1 @149713 has 167 MA's), (3, 149788), (4, 149800),

Gene: ShiaLabeouf_252 Start: 147572, Stop: 147700, Start Num: 1

Candidate Starts for ShiaLabeouf_252:

(Start: 1 @147572 has 167 MA's), (3, 147647), (4, 147659),

Gene: Shifa_230 Start: 147046, Stop: 147174, Start Num: 1

Candidate Starts for Shifa_230:

(Start: 1 @147046 has 167 MA's), (3, 147121), (4, 147133),

Gene: Shnickers_253 Start: 147636, Stop: 147764, Start Num: 1

Candidate Starts for Shnickers_253:

(Start: 1 @147636 has 167 MA's), (3, 147711), (4, 147723),

Gene: Shrimp_257 Start: 149330, Stop: 149458, Start Num: 1

Candidate Starts for Shrimp_257:

(Start: 1 @149330 has 167 MA's), (3, 149405), (4, 149417),

Gene: SilverDipper_259 Start: 149179, Stop: 149307, Start Num: 1

Candidate Starts for SilverDipper_259:

(Start: 1 @149179 has 167 MA's), (3, 149254), (4, 149266),

Gene: SmallFry_255 Start: 148537, Stop: 148665, Start Num: 1

Candidate Starts for SmallFry_255:
(Start: 1 @ 148537 has 167 MA's), (3, 148612), (4, 148624),

Gene: Spec_248 Start: 148549, Stop: 148677, Start Num: 1
Candidate Starts for Spec_248:
(Start: 1 @ 148549 has 167 MA's), (3, 148624), (4, 148636),

Gene: Specks_259 Start: 149477, Stop: 149605, Start Num: 1
Candidate Starts for Specks_259:
(Start: 1 @ 149477 has 167 MA's), (3, 149552), (4, 149564),

Gene: Sprinklers_252 Start: 148245, Stop: 148373, Start Num: 1
Candidate Starts for Sprinklers_252:
(Start: 1 @ 148245 has 167 MA's), (3, 148320), (4, 148332),

Gene: Spud_246 Start: 147994, Stop: 148122, Start Num: 1
Candidate Starts for Spud_246:
(Start: 1 @ 147994 has 167 MA's), (3, 148069), (4, 148081),

Gene: SrishMeg2525_252 Start: 148825, Stop: 148953, Start Num: 1
Candidate Starts for SrishMeg2525_252:
(Start: 1 @ 148825 has 167 MA's), (3, 148900), (4, 148912),

Gene: StephanieG_248 Start: 149180, Stop: 149308, Start Num: 1
Candidate Starts for StephanieG_248:
(Start: 1 @ 149180 has 167 MA's), (3, 149255), (4, 149267),

Gene: Stubby_237 Start: 145965, Stop: 146093, Start Num: 1
Candidate Starts for Stubby_237:
(Start: 1 @ 145965 has 167 MA's), (3, 146040), (4, 146052),

Gene: StubbySaigey_261 Start: 149162, Stop: 149290, Start Num: 1
Candidate Starts for StubbySaigey_261:
(Start: 1 @ 149162 has 167 MA's), (3, 149237), (4, 149249),

Gene: Teardrop_253 Start: 148489, Stop: 148617, Start Num: 1
Candidate Starts for Teardrop_253:
(Start: 1 @ 148489 has 167 MA's), (3, 148564), (4, 148576),

Gene: TinyTim_253 Start: 147649, Stop: 147777, Start Num: 1
Candidate Starts for TinyTim_253:
(Start: 1 @ 147649 has 167 MA's), (3, 147724), (4, 147736),

Gene: Tonenili_276 Start: 152983, Stop: 153111, Start Num: 1
Candidate Starts for Tonenili_276:
(Start: 1 @ 152983 has 167 MA's), (2, 153034), (3, 153058), (4, 153070),

Gene: Tortoise16_252 Start: 147662, Stop: 147790, Start Num: 1
Candidate Starts for Tortoise16_252:
(Start: 1 @ 147662 has 167 MA's), (3, 147737), (4, 147749),

Gene: Trinitium_251 Start: 147210, Stop: 147338, Start Num: 1
Candidate Starts for Trinitium_251:

(Start: 1 @147210 has 167 MA's), (3, 147285), (4, 147297),
Gene: Turret_245 Start: 146343, Stop: 146471, Start Num: 1
Candidate Starts for Turret_245:
(Start: 1 @146343 has 167 MA's), (3, 146418), (4, 146430),
Gene: Tyke_251 Start: 149785, Stop: 149913, Start Num: 1
Candidate Starts for Tyke_251:
(Start: 1 @149785 has 167 MA's), (3, 149860), (4, 149872),
Gene: ValleyTerrace_255 Start: 147920, Stop: 148048, Start Num: 1
Candidate Starts for ValleyTerrace_255:
(Start: 1 @147920 has 167 MA's), (3, 147995), (4, 148007),
Gene: Wally_252 Start: 147904, Stop: 148032, Start Num: 1
Candidate Starts for Wally_252:
(Start: 1 @147904 has 167 MA's), (3, 147979), (4, 147991),
Gene: Willis_255 Start: 148843, Stop: 148971, Start Num: 1
Candidate Starts for Willis_255:
(Start: 1 @148843 has 167 MA's), (3, 148918), (4, 148930),
Gene: Yassified_250 Start: 148039, Stop: 148167, Start Num: 1
Candidate Starts for Yassified_250:
(Start: 1 @148039 has 167 MA's), (3, 148114), (4, 148126),
Gene: YemiJoy2021_255 Start: 148767, Stop: 148895, Start Num: 1
Candidate Starts for YemiJoy2021_255:
(Start: 1 @148767 has 167 MA's), (3, 148842), (4, 148854),
Gene: YoungMoneyMata_254 Start: 149035, Stop: 149163, Start Num: 1
Candidate Starts for YoungMoneyMata_254:
(Start: 1 @149035 has 167 MA's), (3, 149110), (4, 149122),
Gene: Yucca_255 Start: 149208, Stop: 149336, Start Num: 1
Candidate Starts for Yucca_255:
(Start: 1 @149208 has 167 MA's), (3, 149283), (4, 149295),
Gene: Zalkecks_253 Start: 147865, Stop: 147993, Start Num: 1
Candidate Starts for Zalkecks_253:
(Start: 1 @147865 has 167 MA's), (3, 147940), (4, 147952),
Gene: Zeenon_255 Start: 148399, Stop: 148527, Start Num: 1
Candidate Starts for Zeenon_255:
(Start: 1 @148399 has 167 MA's), (3, 148474), (4, 148486),
Gene: ZygoTaiga_251 Start: 150312, Stop: 150440, Start Num: 1
Candidate Starts for ZygoTaiga_251:
(Start: 1 @150312 has 167 MA's), (3, 150387), (4, 150399),