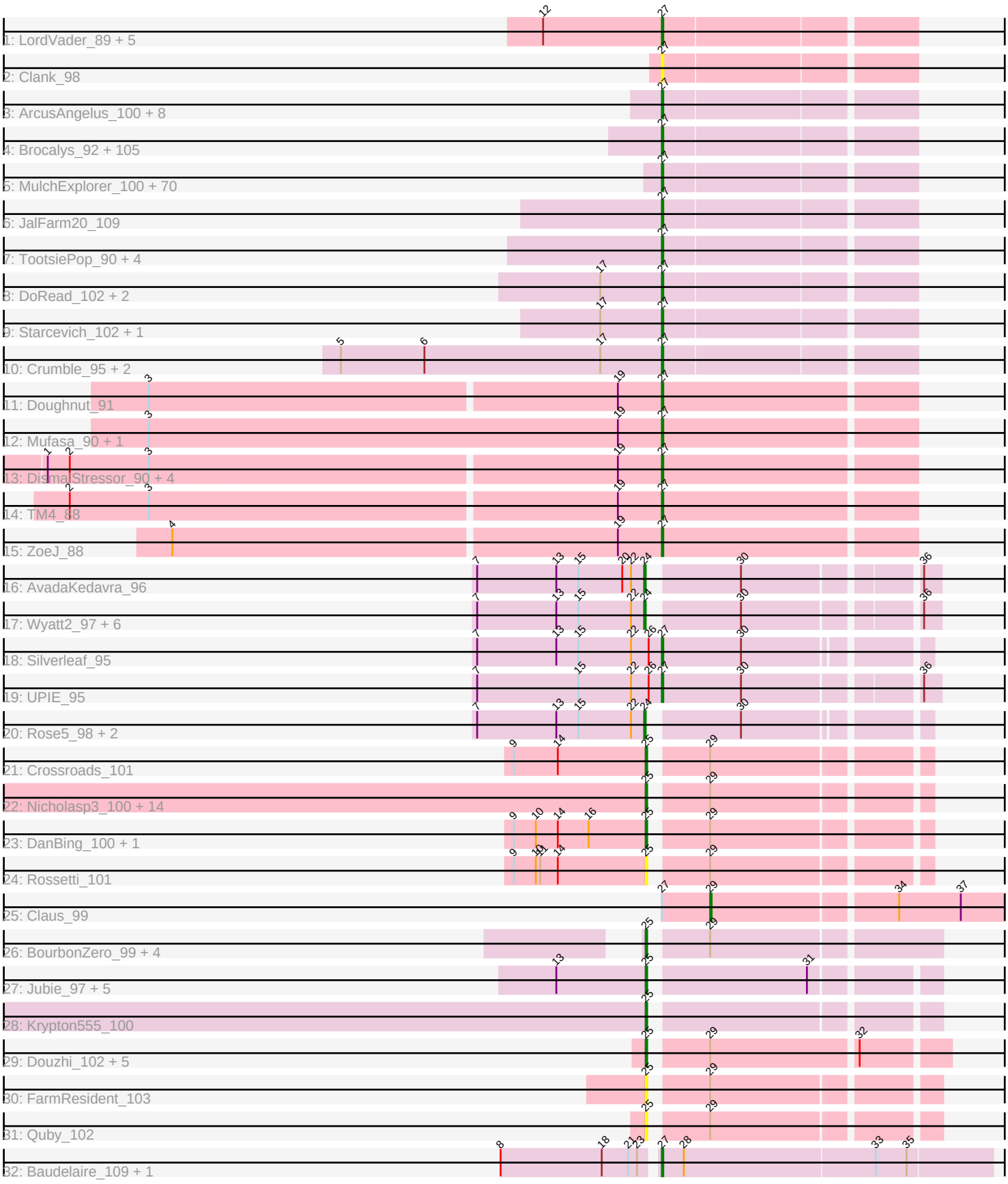
Pham 345324


1: LordVader_89 + 5
2: Clank_98
3: ArcusAngelus_100 + 8
4: Brocalys_92 + 105
5: MulchExplorer_100 + 70
6: JalFarm20_109
7: TootsiePop_90 + 4
8: DoRead_102 + 2
9: Starcevich_102 + 1
10: Crumble_95 + 2
11: Doughnut_91
12: Mufasa_90 + 1
13: DismalStressor_90 + 4
14: TM4_88
15: ZoeJ_88
16: AvadaKedavra_96
17: Wyatt2_97 + 6
18: Silverleaf_95
19: UPIE_95
20: Rose5_98 + 2
21: Crossroads_101
22: Nicholasp3_100 + 14
23: DanBing_100 + 1
24: Rossetti_101
25: Claus_99
26: BourbonZero_99 + 4
27: Jubie_97 + 5
28: Krypton555_100
29: Douzhi_102 + 5
30: FarmResident_103
31: Quby_102
32: Baudelaire_109 + 1

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 345324 Report

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

Pham number 345324 has 272 members, 25 are drafts.

Phages represented in each track:
• Track 1 : LordVader_89, Aloeri_92, Squirty_99, ChickenDinner_91, DocMcStuffins_88, MulchSalad_98
• Track 2 : Clank_98
• Track 3 : ArcusAngelus_100, QuickMath_101, Che8_107, MadMen_105, Galactic_104, Chevrolet_104, Hades_97, EleanorGeorge_104, MinionDave_98
• Track 4 : Brocalys_92, CaptainTrips_102, Doomslug_118, Guppsters_95, Llama_107, DotProduct_94, KristaRAM_108, Hlubikazi_98, DosHalletts_97, Brushbloom_100, Clifton_92, BobaPhett_102, PatoPoderoso_101, Eish_105, Mandlovu_98, Girr_99, DLane_100, Flathead_102, IMpilo_98, MilleniumForce_100, Ochi17_106, Bubbles123_94, Karhdo_95, Seabastian_107, MilanaBonita_93, Phalconet_101, DeadP_100, Akhila_94, Jennelsea_98, IbOuu_91, AlpineSix_98, ShowerHandel_101, Sarma624_102, Brookers_99, Ramsey_105, Ardmore_84, Ms6_102, Coco12_101, Violac_101, Mozy_104, Rita_100, Philus_104, Seagreen_101, Chuckly_97, Aubs_100, PhesterPhotato_104, LastJedi_91, Jinglebell_107, LittleShirley_108, Pippy_98, Corium_99, Firehouse51_94, Cerasum_99, Okabe_92, Bipolar_102, Nichirin_102, SG4_101, Cabrinians_97, Burwell21_94, OfUltron_107, Mova_102, Kingsley_109, Royals2015_104, Vivum_100, Lizziana_101, Oksu_106, Hegedechwinu_108, VRedHorse_101, Slim_103, Filuzino_100, XFactor_91, Taj_106, Strokeseat_98, Tootsieroll_94, James_104, Maravista_97, Mutaforma13_101, Medindi_105, Emmaloid_103, SwagPigglett_102, Priscilla_101, NormanBulbieJr_98, Velveteen_97, BigPhil_97, Blexus_97, MisterCuddles_100, Martik_99, Jant_107, KingJulian_108, Wee_103, Melissauren88_90, Beanstalk_100, Phanphagia_105, Batiatus_100, Whatsapiecost_94, Cornucopia_100, Koella_93, Kenuha5_92, Fruitloop_98, Tweety_101, Emma_105, Zerg_98, Shauna1_102, Dante_98, Zizzle_103, Hamulus_100
• Track 5 : MulchExplorer_100, Rockne_103, RitaG_99, LilMoolah_103, BuzzLyseyear_107, BodEinwohner17_110, Mattes_101, Cheesepuff_105, Saal_98, Madiba_99, Moonbeam_103, Empress_100, Nivrat_100, Nitzel_94, Dorothy_101, Doomphist_105, Latretium_103, Sassafras_102, Plumbus_99, Peridot_104, Krakatau_93, Estave1_108, RedBird_101, ByChance_91, StAnnes_104, Alexphander_101, Ogopogo_104, Fancypants_107, Donkeykong_106, Quico_109, Juice456_99, Daenerys_98, DillTech15_106, KingMidas_100, ShiLan_103, Girafales_109, Nimbo_92, Florinda_112, Llij_95, JoeyJr_103, Leperchaun_102, PHappiness_100, BlueCrab_103, DaddyRickover_102, Inventum_98, Radiance_98, OldBen_97, Yorick_96, Deb65_93, Mwanjiwa_103, DRBy19_100, Spoonbill_100, Jarcob_103, Spartacus_107, Totinger_103, Poenanya_104, Gorge_99,

TDanisky_108, Minnie_95, ShroomBoi_98, Pollywog_102, Polka14_104, Gandalph_100, Drago_99, PMC_99, Geralt_93, Scottish_100, Job42_101, Sparkdehlily_107, Rialto_105, GUmbie_99
• Track 6 : JalFarm20_109
• Track 7 : TootsiePop_90, Misha28_90, Awesomesauce_91, Piper2020_95, Beakin_92
• Track 8 : DoRead_102, WillSterrel_98, IrishSherpFalk_100
• Track 9 : Starcevich_102, Stap_95
• Track 10 : Crumble_95, OlympiaSaint_104, Sabbb_103
• Track 11 : Doughnut_91
• Track 12 : Mufasa_90, BoostSeason_90
• Track 13 : DismalStressor_90, Milly_90, Strobilo_91, DismalFunk_90, Findley_90
• Track 14 : TM4_88
• Track 15 : ZoeJ_88
• Track 16 : AvadaKedavra_96
• Track 17 : Wyatt2_97, Tyson_98, Acquire49_96, Halena_94, MAckerman_95, Calm_98, Zaria_97
• Track 18 : Silverleaf_95
• Track 19 : UPIE_95
• Track 20 : Rose5_98, JoeDirt_98, Enceladus_93
• Track 21 : Crossroads_101
• Track 22 : Nicholasp3_100, Archie_97, OverPar_102, Underpass_92, Bazzle_97, Finemlucis_101, Itos_100, Kahlid_99, Zakai_101, Gabriela_100, SoJulia_102, ChengKai98_99, Rumpelstiltskin_96, LilDestine_98, BobsGarage_99
• Track 23 : DanBing_100, Baoshan_101
• Track 24 : Rossetti_101
• Track 25 : Claus_99
• Track 26 : BourbonZero_99, KirDoubleO7_96, Ellson_97, DuncansLeg_99, LiyuLake_97
• Track 27 : Jubie_97, Finnry_98, MsGreen_98, Clautastrophe_96, Bellis_98, Samty_97
• Track 28 : Krypton555_100
• Track 29 : Douzhi_102, Bromden_102, BrainDrainer_103, Sheng711_103, PYPDinur_102, Douge_102
• Track 30 : FarmResident_103
• Track 31 : Quby_102
• Track 32 : Baudelaire_109, Aegeus_109

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

The start number called the most often in the published annotations is 27, it was called in 210 of the 247 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aegeus_109, Akhila_94, Alexphander_101, Aloeri_92, AlpineSix_98, ArcusAngelus_100, Ardmore_84, Aubs_100, Awesomesauce_91, Batiatus_100, Baudelaire_109, Beakin_92, Beanstalk_100, BigPhil_97, Bipolar_102, Blexus_97, BlueCrab_103, BobaPhett_102, BodEinwohner17_110, BoostSeason_90, Brocalys_92, Brookers_99, Brushbloom_100, Bubbles123_94, Burwell21_94, BuzzLyseyear_107, ByChance_91, Cabrinians_97, CaptainTrips_102, Cerasum_99,

Che8_107, Cheesepuff_105, Chevrolet_104, ChickenDinner_91, Chuckly_97, Clank_98, Clifton_92, Coco12_101, Corium_99, Cornucopia_100, Crumble_95, DLane_100, DRBy19_100, DaddyRickover_102, Daenerys_98, Dante_98, DeadP_100, Deb65_93, DillTech15_106, DismalFunk_90, DismalStressor_90, DoRead_102, DocMcStuffins_88, Donkeykong_106, Doomphist_105, Doomslug_118, Dorothy_101, DosHalletts_97, DotProduct_94, Doughnut_91, Drago_99, Eish_105, EleanorGeorge_104, Emma_105, Emmaloid_103, Empress_100, Estave1_108, Fancypants_107, Filuzino_100, Findley_90, Firehouse51_94, Flathead_102, Florinda_112, Fruitloop_98, GUmbie_99, Galactic_104, Gandalph_100, Geralt_93, Girafales_109, Girr_99, Gorge_99, Guppsters_95, Hades_97, Hamulus_100, Hegedechwinu_108, Hlubikazi_98, IMpilo_98, IbOuu_91, Inventum_98, IrishSherpFalk_100, JalFarm20_109, James_104, Jant_107, Jarcob_103, Jennelsea_98, Jinglebell_107, Job42_101, JoeyJr_103, Juice456_99, Karhdo_95, Kenuha5_92, KingJulian_108, KingMidas_100, Kingsley_109, Koella_93, Krakatau_93, KristaRAM_108, LastJedi_91, Latretium_103, Leperchaun_102, LilMoolah_103, LittleShirley_108, Lizziana_101, Llama_107, Llij_95, LordVader_89, MadMen_105, Madiba_99, Mandlovu_98, Maravista_97, Martik_99, Mattes_101, Medindi_105, Melissauren88_90, MilanaBonita_93, MilleniumForce_100, Milly_90, MinionDave_98, Minnie_95, Misha28_90, MisterCuddles_100, Moonbeam_103, Mova_102, Mozy_104, Ms6_102, Mufasa_90, MulchExplorer_100, MulchSalad_98, Mutaforma13_101, Mwanjiwa_103, Nichirin_102, Nimbo_92, Nitzel_94, Nivrat_100, NormanBulbieJr_98, Ochi17_106, OfUltron_107, Ogopogo_104, Okabe_92, Oksu_106, OldBen_97, OlympiaSaint_104, PHappiness_100, PMC_99, PatoPoderoso_101, Peridot_104, Phalconet_101, Phanphagia_105, PhesterPhotato_104, Philus_104, Piper2020_95, Pippy_98, Plumbus_99, Poenanya_104, Polka14_104, Pollywog_102, Priscilla_101, QuickMath_101, Quico_109, Radiance_98, Ramsey_105, RedBird_101, Rialto_105, RitaG_99, Rita_100, Rockne_103, Royals2015_104, SG4_101, Saal_98, Sabbb_103, Sarma624_102, Sassafras_102, Scottish_100, Seabastian_107, Seagreen_101, Shauna1_102, ShiLan_103, ShowerHandel_101, ShroomBoi_98, Silverleaf_95, Slim_103, Sparkdehlily_107, Spartacus_107, Spoonbill_100, Squirty_99, StAnnes_104, Stap_95, Starcevich_102, Strobilo_91, Strokeseat_98, SwagPigglett_102, TDanisky_108, TM4_88, Taj_106, TootsiePop_90, Tootsieroll_94, Totinger_103, Tweety_101, UPIE_95, VRedHorse_101, Velveteen_97, Violac_101, Vivum_100, Wee_103, Whatsapiecost_94, WillSterrel_98, XFactor_91, Yorick_96, Zerg_98, Zizzle_103, ZoeJ_88,

Genes that have the "Most Annotated" start but do not call it:
• Claus_99,

Genes that do not have the "Most Annotated" start:
• Acquire49_96, Archie_97, AvadaKedavra_96, Baoshan_101, Bazzle_97, Bellis_98, BobsGarage_99, BourbonZero_99, BrainDrainer_103, Bromden_102, Calm_98, ChengKai98_99, Clautastrophe_96, Crossroads_101, DanBing_100, Douge_102, Douzhi_102, DuncansLeg_99, Ellson_97, Enceladus_93, FarmResident_103, Finemlucis_101, Finnry_98, Gabriela_100, Halena_94, Itos_100, JoeDirt_98, Jubie_97, Kahlid_99, KirDoubleO7_96, Krypton555_100, LilDestine_98, LiyuLake_97, MAckerman_95, MsGreen_98, Nicholasp3_100, OverPar_102, PYPDinur_102, Quby_102, Rose5_98, Rossetti_101, Rumpelstiltskin_96, Samty_97, Sheng711_103, SoJulia_102, Tyson_98, Underpass_92, Wyatt2_97, Zakai_101, Zaria_97,

Summary by start number:

Start 24:
• Found in 11 of 272 (4.0%) of genes in pham
• Manual Annotations of this start: 11 of 247
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Acquire49_96 (L1), AvadaKedavra_96 (L1), Calm_98 (L1), Enceladus_93 (L1), Halena_94 (L1), JoeDirt_98 (L1), MAckerman_95 (L1), Rose5_98 (L1), Tyson_98 (L1), Wyatt2_97 (L1), Zaria_97 (L1),

Start 25:
• Found in 39 of 272 (14.3%) of genes in pham
• Manual Annotations of this start: 25 of 247
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Archie_97 (L2), Baoshan_101 (L2), Bazzle_97 (L2), Bellis_98 (L3), BobsGarage_99 (L2), BourbonZero_99 (L3), BrainDrainer_103 (L4), Bromden_102 (L4), ChengKai98_99 (L2), Clautastrophe_96 (L3), Crossroads_101 (L2), DanBing_100 (L2), Douge_102 (L4), Douzhi_102 (L4), DuncansLeg_99 (L3), Ellson_97 (L3), FarmResident_103 (L4), Finemlucis_101 (L2), Finnry_98 (L3), Gabriela_100 (L2), Itos_100 (L2), Jubie_97 (L3), Kahlid_99 (L2), KirDoubleO7_96 (L3), Krypton555_100 (L3), LilDestine_98 (L2), LiyuLake_97 (L3), MsGreen_98 (L3), Nicholasp3_100 (L2), OverPar_102 (L2), PYPDinur_102 (L4), Quby_102 (L4), Rossetti_101 (L2), Rumpelstiltskin_96 (L2), Samty_97 (L3), Sheng711_103 (L4), SoJulia_102 (L2), Underpass_92 (L2), Zakai_101 (L2),

Start 27:
• Found in 222 of 272 (81.6%) of genes in pham
• Manual Annotations of this start: 210 of 247
• Called 99.5% of time when present
• Phage (with cluster) where this start called: Aegeus_109 (L5), Akhila_94 (F1), Alexphander_101 (F1), Aloeri_92 (F1), AlpineSix_98 (F1), ArcusAngelus_100 (F1), Ardmore_84 (F1), Aubs_100 (F1), Awesomesauce_91 (F1), Batiatus_100 (F1), Baudelaire_109 (L5), Beakin_92 (F1), Beanstalk_100 (F1), BigPhil_97 (F1), Bipolar_102 (F1), Blexus_97 (F1), BlueCrab_103 (F1), BobaPhett_102 (F1), BodEinwohner17_110 (F1), BoostSeason_90 (K2), Brocalys_92 (F1), Brookers_99 (F1), Brushbloom_100 (F1), Bubbles123_94 (F1), Burwell21_94 (F1), BuzzLyseyear_107 (F1), ByChance_91 (F1), Cabrinians_97 (F1), CaptainTrips_102 (F1), Cerasum_99 (F1), Che8_107 (F1), Cheesepuff_105 (F1), Chevrolet_104 (F1), ChickenDinner_91 (F1), Chuckly_97 (F1), Clank_98 (F), Clifton_92 (F1), Coco12_101 (F1), Corium_99 (F1), Cornucopia_100 (F1), Crumble_95 (F1), DLane_100 (F1), DRBy19_100 (F1), DaddyRickover_102 (F1), Daenerys_98 (F1), Dante_98 (F1), DeadP_100 (F1), Deb65_93 (F1), DillTech15_106 (F1), DismalFunk_90 (K2), DismalStressor_90 (K2), DoRead_102 (F1), DocMcStuffins_88 (F1), Donkeykong_106 (F1), Doomphist_105 (F1), Doomslug_118 (F), Dorothy_101 (F1), DosHalletts_97 (F1), DotProduct_94 (F1), Doughnut_91 (K2), Drago_99 (F1), Eish_105 (F1), EleanorGeorge_104 (F1), Emma_105 (F1), Emmaloid_103 (F1), Empress_100 (F1), Estave1_108 (F1), Fancypants_107 (F1), Filuzino_100 (F1), Findley_90 (K2), Firehouse51_94 (F1), Flathead_102 (F1), Florinda_112 (F1), Fruitloop_98 (F1), GUmbie_99 (F1), Galactic_104 (F1), Gandalph_100 (F1), Geralt_93 (F1), Girafales_109 (F1), Girr_99 (F1), Gorge_99 (F1), Guppsters_95 (F1), Hades_97 (F1), Hamulus_100 (F1), Hegedechwinu_108 (F1), Hlubikazi_98 (F1), IMpilo_98 (F1), IbOuu_91 (F1), Inventum_98 (F1), IrishSherpFalk_100 (F1), JalFarm20_109 (F1), James_104 (F1), Jant_107 (F1), Jarcob_103 (F1), Jennelsea_98 (F1), Jinglebell_107 (F1), Job42_101 (F1), JoeyJr_103 (F1), Juice456_99 (F1), Karhdo_95 (F1), Kenuha5_92 (F1), KingJulian_108 (F1),

KingMidas_100 (F1), Kingsley_109 (F1), Koella_93 (F1), Krakatau_93 (F1), KristaRAM_108 (F1), LastJedi_91 (F1), Latretium_103 (F1), Leperchaun_102 (F1), LilMoolah_103 (F1), LittleShirley_108 (F1), Lizziana_101 (F1), Llama_107 (F1), Llij_95 (F1), LordVader_89 (F), MadMen_105 (F1), Madiba_99 (F1), Mandlovu_98 (F1), Maravista_97 (F1), Martik_99 (F1), Mattes_101 (F1), Medindi_105 (F1), Melissauren88_90 (F1), MilanaBonita_93 (F1), MilleniumForce_100 (F1), Milly_90 (K2), MinionDave_98 (F1), Minnie_95 (F1), Misha28_90 (F1), MisterCuddles_100 (F1), Moonbeam_103 (F1), Mova_102 (F1), Mozy_104 (F1), Ms6_102 (F1), Mufasa_90 (K2), MulchExplorer_100 (F1), MulchSalad_98 (F7), Mutaforma13_101 (F1), Mwanjiwa_103 (F1), Nichirin_102 (F1), Nimbo_92 (F1), Nitzel_94 (F1), Nivrat_100 (F1), NormanBulbieJr_98 (F1), Ochi17_106 (F1), OfUltron_107 (F1), Ogopogo_104 (F1), Okabe_92 (F8), Oksu_106 (F1), OldBen_97 (F1), OlympiaSaint_104 (F1), PHappiness_100 (F1), PMC_99 (F1), PatoPoderoso_101 (F1), Peridot_104 (F1), Phalconet_101 (F1), Phanphagia_105 (F1), PhesterPhotato_104 (F1), Philus_104 (F1), Piper2020_95 (F1), Pippy_98 (F1), Plumbus_99 (F1), Poenanya_104 (F1), Polka14_104 (F1), Pollywog_102 (F1), Priscilla_101 (F1), QuickMath_101 (F1), Quico_109 (F1), Radiance_98 (F1), Ramsey_105 (F1), RedBird_101 (F1), Rialto_105 (F1), RitaG_99 (F1), Rita_100 (F1), Rockne_103 (F1), Royals2015_104 (F1), SG4_101 (F1), Saal_98 (F1), Sabbb_103 (F1), Sarma624_102 (F1), Sassafras_102 (F1), Scottish_100 (F1), Seabastian_107 (F1), Seagreen_101 (F1), Shauna1_102 (F1), ShiLan_103 (F1), ShowerHandel_101 (F1), ShroomBoi_98 (F1), Silverleaf_95 (L1), Slim_103 (F1), Sparkdehlily_107 (F1), Spartacus_107 (F1), Spoonbill_100 (F1), Squirty_99 (F3), StAnnes_104 (F1), Stap_95 (F1), Starcevich_102 (F1), Strobilo_91 (K2), Strokeseat_98 (F1), SwagPigglett_102 (F1), TDanisky_108 (F1), TM4_88 (K2), Taj_106 (F1), TootsiePop_90 (F1), Tootsieroll_94 (F1), Totinger_103 (F1), Tweety_101 (F1), UPIE_95 (L1), VRedHorse_101 (F1), Velveteen_97 (F1), Violac_101 (F1), Vivum_100 (F1), Wee_103 (F1), Whatsapiecost_94 (F1), WillSterrel_98 (F1), XFactor_91 (F1), Yorick_96 (F1), Zerg_98 (F1), Zizzle_103 (F1), ZoeJ_88 (K2),

Start 29:
• Found in 33 of 272 (12.1%) of genes in pham
• Manual Annotations of this start: 1 of 247
• Called 3.0% of time when present
• Phage (with cluster) where this start called: Claus_99 (L2),

Summary by clusters:

There are 11 clusters represented in this pham: F1, F3, F, F8, F7, K2, L4, L5, L2, L3, L1,

Info for manual annotations of cluster F:
•Start number 27 was manually annotated 1 time for cluster F.

Info for manual annotations of cluster F1:
•Start number 27 was manually annotated 193 times for cluster F1.

Info for manual annotations of cluster F3:
•Start number 27 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F7:
•Start number 27 was manually annotated 1 time for cluster F7.

Info for manual annotations of cluster K2:
•Start number 27 was manually annotated 10 times for cluster K2.

Info for manual annotations of cluster L1:
•Start number 24 was manually annotated 11 times for cluster L1.
•Start number 27 was manually annotated 2 times for cluster L1.

Info for manual annotations of cluster L2:
•Start number 25 was manually annotated 15 times for cluster L2.
•Start number 29 was manually annotated 1 time for cluster L2.

Info for manual annotations of cluster L3:
•Start number 25 was manually annotated 8 times for cluster L3.

Info for manual annotations of cluster L4:
•Start number 25 was manually annotated 2 times for cluster L4.

Info for manual annotations of cluster L5:
•Start number 27 was manually annotated 2 times for cluster L5.

Gene Information:

Gene: Acquire49_96 Start: 59453, Stop: 59626, Start Num: 24
Candidate Starts for Acquire49_96:
(7, 59339), (13, 59393), (15, 59408), (22, 59444), (Start: 24 @59453 has 11 MA's), (30, 59507), (36, 59615),

Gene: Aegeus_109 Start: 63189, Stop: 63410, Start Num: 27
Candidate Starts for Aegeus_109:
(8, 63087), (18, 63156), (21, 63174), (23, 63180), (Start: 27 @63189 has 210 MA's), (28, 63204), (33, 63333), (35, 63354),

Gene: Akhila_94 Start: 52864, Stop: 53025, Start Num: 27
Candidate Starts for Akhila_94:
(Start: 27 @52864 has 210 MA's),

Gene: Alexphander_101 Start: 55198, Stop: 55359, Start Num: 27
Candidate Starts for Alexphander_101:
(Start: 27 @55198 has 210 MA's),

Gene: Aloeri_92 Start: 54002, Stop: 54163, Start Num: 27
Candidate Starts for Aloeri_92:
(12, 53921), (Start: 27 @54002 has 210 MA's),

Gene: AlpineSix_98 Start: 53582, Stop: 53743, Start Num: 27
Candidate Starts for AlpineSix_98:
(Start: 27 @53582 has 210 MA's),

Gene: Archie_97 Start: 61162, Stop: 61338, Start Num: 25
Candidate Starts for Archie_97:

(Start: 25 @61162 has 25 MA's), (Start: 29 @61195 has 1 MA's),

Gene: ArcusAngelus_100 Start: 55168, Stop: 55329, Start Num: 27
Candidate Starts for ArcusAngelus_100:
(Start: 27 @55168 has 210 MA's),

Gene: Ardmore_84 Start: 48753, Stop: 48914, Start Num: 27
Candidate Starts for Ardmore_84:
(Start: 27 @48753 has 210 MA's),

Gene: Aubs_100 Start: 55755, Stop: 55916, Start Num: 27
Candidate Starts for Aubs_100:
(Start: 27 @55755 has 210 MA's),

Gene: AvadaKedavra_96 Start: 59565, Stop: 59738, Start Num: 24
Candidate Starts for AvadaKedavra_96:
(7, 59451), (13, 59505), (15, 59520), (20, 59550), (22, 59556), (Start: 24 @59565 has 11 MA's), (30, 59619), (36, 59727),

Gene: Awesomesauce_91 Start: 54238, Stop: 54399, Start Num: 27
Candidate Starts for Awesomesauce_91:
(Start: 27 @54238 has 210 MA's),

Gene: Baoshan_101 Start: 61947, Stop: 62117, Start Num: 25
Candidate Starts for Baoshan_101:
(9, 61857), (10, 61872), (14, 61887), (16, 61908), (Start: 25 @61947 has 25 MA's), (Start: 29 @61980 has 1 MA's),

Gene: Batiatus_100 Start: 54303, Stop: 54464, Start Num: 27
Candidate Starts for Batiatus_100:
(Start: 27 @54303 has 210 MA's),

Gene: Baudelaire_109 Start: 63189, Stop: 63410, Start Num: 27
Candidate Starts for Baudelaire_109:
(8, 63087), (18, 63156), (21, 63174), (23, 63180), (Start: 27 @63189 has 210 MA's), (28, 63204), (33, 63333), (35, 63354),

Gene: Bazzle_97 Start: 61718, Stop: 61894, Start Num: 25
Candidate Starts for Bazzle_97:
(Start: 25 @61718 has 25 MA's), (Start: 29 @61751 has 1 MA's),

Gene: Beakin_92 Start: 51276, Stop: 51437, Start Num: 27
Candidate Starts for Beakin_92:
(Start: 27 @51276 has 210 MA's),

Gene: Beanstalk_100 Start: 53453, Stop: 53614, Start Num: 27
Candidate Starts for Beanstalk_100:
(Start: 27 @53453 has 210 MA's),

Gene: Bellis_98 Start: 61495, Stop: 61671, Start Num: 25
Candidate Starts for Bellis_98:
(13, 61435), (Start: 25 @61495 has 25 MA's), (31, 61594),

Gene: BigPhil_97 Start: 51095, Stop: 51256, Start Num: 27
Candidate Starts for BigPhil_97:
(Start: 27 @51095 has 210 MA's),

Gene: Bipolar_102 Start: 56072, Stop: 56233, Start Num: 27
Candidate Starts for Bipolar_102:
(Start: 27 @56072 has 210 MA's),

Gene: Blexus_97 Start: 54682, Stop: 54843, Start Num: 27
Candidate Starts for Blexus_97:
(Start: 27 @54682 has 210 MA's),

Gene: BlueCrab_103 Start: 55675, Stop: 55836, Start Num: 27
Candidate Starts for BlueCrab_103:
(Start: 27 @55675 has 210 MA's),

Gene: BobaPhett_102 Start: 56361, Stop: 56522, Start Num: 27
Candidate Starts for BobaPhett_102:
(Start: 27 @56361 has 210 MA's),

Gene: BobsGarage_99 Start: 61936, Stop: 62106, Start Num: 25
Candidate Starts for BobsGarage_99:
(Start: 25 @61936 has 25 MA's), (Start: 29 @61969 has 1 MA's),

Gene: BodEinwohner17_110 Start: 56731, Stop: 56892, Start Num: 27
Candidate Starts for BodEinwohner17_110:
(Start: 27 @56731 has 210 MA's),

Gene: BoostSeason_90 Start: 56740, Stop: 56907, Start Num: 27
Candidate Starts for BoostSeason_90:
(3, 56392), (19, 56710), (Start: 27 @56740 has 210 MA's),

Gene: BourbonZero_99 Start: 61668, Stop: 61850, Start Num: 25
Candidate Starts for BourbonZero_99:
(Start: 25 @61668 has 25 MA's), (Start: 29 @61701 has 1 MA's),

Gene: BrainDrainer_103 Start: 61982, Stop: 62167, Start Num: 25
Candidate Starts for BrainDrainer_103:
(Start: 25 @61982 has 25 MA's), (Start: 29 @62015 has 1 MA's), (32, 62111),

Gene: Brocalys_92 Start: 51840, Stop: 52001, Start Num: 27
Candidate Starts for Brocalys_92:
(Start: 27 @51840 has 210 MA's),

Gene: Bromden_102 Start: 62718, Stop: 62903, Start Num: 25
Candidate Starts for Bromden_102:
(Start: 25 @62718 has 25 MA's), (Start: 29 @62751 has 1 MA's), (32, 62847),

Gene: Brookers_99 Start: 54046, Stop: 54207, Start Num: 27
Candidate Starts for Brookers_99:
(Start: 27 @54046 has 210 MA's),

Gene: Brushbloom_100 Start: 55347, Stop: 55508, Start Num: 27

Candidate Starts for Brushbloom_100:
(Start: 27 @55347 has 210 MA's),

Gene: Bubbles123_94 Start: 54115, Stop: 54276, Start Num: 27
Candidate Starts for Bubbles123_94:
(Start: 27 @54115 has 210 MA's),

Gene: Burwell21_94 Start: 54126, Stop: 54287, Start Num: 27
Candidate Starts for Burwell21_94:
(Start: 27 @54126 has 210 MA's),

Gene: BuzzLyseyear_107 Start: 56886, Stop: 57047, Start Num: 27
Candidate Starts for BuzzLyseyear_107:
(Start: 27 @56886 has 210 MA's),

Gene: ByChance_91 Start: 50198, Stop: 50359, Start Num: 27
Candidate Starts for ByChance_91:
(Start: 27 @50198 has 210 MA's),

Gene: Cabrinians_97 Start: 53761, Stop: 53922, Start Num: 27
Candidate Starts for Cabrinians_97:
(Start: 27 @53761 has 210 MA's),

Gene: Calm_98 Start: 59832, Stop: 60005, Start Num: 24
Candidate Starts for Calm_98:
(7, 59718), (13, 59772), (15, 59787), (22, 59823), (Start: 24 @59832 has 11 MA's), (30, 59886), (36, 59994),

Gene: CaptainTrips_102 Start: 53941, Stop: 54102, Start Num: 27
Candidate Starts for CaptainTrips_102:
(Start: 27 @53941 has 210 MA's),

Gene: Cerasum_99 Start: 51113, Stop: 51274, Start Num: 27
Candidate Starts for Cerasum_99:
(Start: 27 @51113 has 210 MA's),

Gene: Che8_107 Start: 55993, Stop: 56154, Start Num: 27
Candidate Starts for Che8_107:
(Start: 27 @55993 has 210 MA's),

Gene: Cheesepuff_105 Start: 54122, Stop: 54283, Start Num: 27
Candidate Starts for Cheesepuff_105:
(Start: 27 @54122 has 210 MA's),

Gene: ChengKai98_99 Start: 61362, Stop: 61532, Start Num: 25
Candidate Starts for ChengKai98_99:
(Start: 25 @61362 has 25 MA's), (Start: 29 @61395 has 1 MA's),

Gene: Chevrolet_104 Start: 55169, Stop: 55330, Start Num: 27
Candidate Starts for Chevrolet_104:
(Start: 27 @55169 has 210 MA's),

Gene: ChickenDinner_91 Start: 54002, Stop: 54163, Start Num: 27

Candidate Starts for ChickenDinner_91:
(12, 53921), (Start: 27 @54002 has 210 MA's),

Gene: Chuckly_97 Start: 50983, Stop: 51144, Start Num: 27
Candidate Starts for Chuckly_97:
(Start: 27 @50983 has 210 MA's),

Gene: Clank_98 Start: 52021, Stop: 52182, Start Num: 27
Candidate Starts for Clank_98:
(Start: 27 @52021 has 210 MA's),

Gene: Claus_99 Start: 61712, Stop: 61909, Start Num: 29
Candidate Starts for Claus_99:
(Start: 27 @61679 has 210 MA's), (Start: 29 @61712 has 1 MA's), (34, 61832), (37, 61874),

Gene: Clautastrophe_96 Start: 61490, Stop: 61666, Start Num: 25
Candidate Starts for Clautastrophe_96:
(13, 61430), (Start: 25 @61490 has 25 MA's), (31, 61589),

Gene: Clifton_92 Start: 52815, Stop: 52976, Start Num: 27
Candidate Starts for Clifton_92:
(Start: 27 @52815 has 210 MA's),

Gene: Coco12_101 Start: 55170, Stop: 55331, Start Num: 27
Candidate Starts for Coco12_101:
(Start: 27 @55170 has 210 MA's),

Gene: Corium_99 Start: 55970, Stop: 56131, Start Num: 27
Candidate Starts for Corium_99:
(Start: 27 @55970 has 210 MA's),

Gene: Cornucopia_100 Start: 52241, Stop: 52402, Start Num: 27
Candidate Starts for Cornucopia_100:
(Start: 27 @52241 has 210 MA's),

Gene: Crossroads_101 Start: 61823, Stop: 61993, Start Num: 25
Candidate Starts for Crossroads_101:
(9, 61733), (14, 61763), (Start: 25 @61823 has 25 MA's), (Start: 29 @61856 has 1 MA's),

Gene: Crumble_95 Start: 50509, Stop: 50670, Start Num: 27
Candidate Starts for Crumble_95:
(5, 50290), (6, 50347), (17, 50467), (Start: 27 @50509 has 210 MA's),

Gene: DLane_100 Start: 55223, Stop: 55384, Start Num: 27
Candidate Starts for DLane_100:
(Start: 27 @55223 has 210 MA's),

Gene: DRBy19_100 Start: 55442, Stop: 55603, Start Num: 27
Candidate Starts for DRBy19_100:
(Start: 27 @55442 has 210 MA's),

Gene: DaddyRickover_102 Start: 54925, Stop: 55086, Start Num: 27
Candidate Starts for DaddyRickover_102:

(Start: 27 @54925 has 210 MA's),

Gene: Daenerys_98 Start: 55092, Stop: 55253, Start Num: 27
Candidate Starts for Daenerys_98:
(Start: 27 @55092 has 210 MA's),

Gene: DanBing_100 Start: 61639, Stop: 61809, Start Num: 25
Candidate Starts for DanBing_100:
(9, 61549), (10, 61564), (14, 61579), (16, 61600), (Start: 25 @61639 has 25 MA's), (Start: 29 @61672 has 1 MA's),

Gene: Dante_98 Start: 55573, Stop: 55734, Start Num: 27
Candidate Starts for Dante_98:
(Start: 27 @55573 has 210 MA's),

Gene: DeadP_100 Start: 52801, Stop: 52962, Start Num: 27
Candidate Starts for DeadP_100:
(Start: 27 @52801 has 210 MA's),

Gene: Deb65_93 Start: 52816, Stop: 52977, Start Num: 27
Candidate Starts for Deb65_93:
(Start: 27 @52816 has 210 MA's),

Gene: DillTech15_106 Start: 54398, Stop: 54559, Start Num: 27
Candidate Starts for DillTech15_106:
(Start: 27 @54398 has 210 MA's),

Gene: DismalFunk_90 Start: 56788, Stop: 56955, Start Num: 27
Candidate Starts for DismalFunk_90:
(1, 56377), (2, 56392), (3, 56446), (19, 56758), (Start: 27 @56788 has 210 MA's),

Gene: DismalStressor_90 Start: 56788, Stop: 56955, Start Num: 27
Candidate Starts for DismalStressor_90:
(1, 56377), (2, 56392), (3, 56446), (19, 56758), (Start: 27 @56788 has 210 MA's),

Gene: DoRead_102 Start: 52714, Stop: 52875, Start Num: 27
Candidate Starts for DoRead_102:
(17, 52672), (Start: 27 @52714 has 210 MA's),

Gene: DocMcStuffins_88 Start: 55632, Stop: 55793, Start Num: 27
Candidate Starts for DocMcStuffins_88:
(12, 55551), (Start: 27 @55632 has 210 MA's),

Gene: Donkeykong_106 Start: 56558, Stop: 56719, Start Num: 27
Candidate Starts for Donkeykong_106:
(Start: 27 @56558 has 210 MA's),

Gene: Doomphist_105 Start: 55745, Stop: 55906, Start Num: 27
Candidate Starts for Doomphist_105:
(Start: 27 @55745 has 210 MA's),

Gene: Doomslug_118 Start: 57272, Stop: 57433, Start Num: 27
Candidate Starts for Doomslug_118:

(Start: 27 @57272 has 210 MA's),

Gene: Dorothy_101 Start: 55914, Stop: 56075, Start Num: 27
Candidate Starts for Dorothy_101:
(Start: 27 @55914 has 210 MA's),

Gene: DosHalletts_97 Start: 54563, Stop: 54724, Start Num: 27
Candidate Starts for DosHalletts_97:
(Start: 27 @54563 has 210 MA's),

Gene: DotProduct_94 Start: 51930, Stop: 52091, Start Num: 27
Candidate Starts for DotProduct_94:
(Start: 27 @51930 has 210 MA's),

Gene: Douge_102 Start: 61402, Stop: 61587, Start Num: 25
Candidate Starts for Douge_102:
(Start: 25 @61402 has 25 MA's), (Start: 29 @61435 has 1 MA's), (32, 61531),

Gene: Doughnut_91 Start: 56921, Stop: 57088, Start Num: 27
Candidate Starts for Doughnut_91:
(3, 56579), (19, 56891), (Start: 27 @56921 has 210 MA's),

Gene: Douzhi_102 Start: 61671, Stop: 61856, Start Num: 25
Candidate Starts for Douzhi_102:
(Start: 25 @61671 has 25 MA's), (Start: 29 @61704 has 1 MA's), (32, 61800),

Gene: Drago_99 Start: 51641, Stop: 51802, Start Num: 27
Candidate Starts for Drago_99:
(Start: 27 @51641 has 210 MA's),

Gene: DuncansLeg_99 Start: 61656, Stop: 61838, Start Num: 25
Candidate Starts for DuncansLeg_99:
(Start: 25 @61656 has 25 MA's), (Start: 29 @61689 has 1 MA's),

Gene: Eish_105 Start: 55239, Stop: 55400, Start Num: 27
Candidate Starts for Eish_105:
(Start: 27 @55239 has 210 MA's),

Gene: EleanorGeorge_104 Start: 56559, Stop: 56720, Start Num: 27
Candidate Starts for EleanorGeorge_104:
(Start: 27 @56559 has 210 MA's),

Gene: Ellson_97 Start: 61971, Stop: 62153, Start Num: 25
Candidate Starts for Ellson_97:
(Start: 25 @61971 has 25 MA's), (Start: 29 @62004 has 1 MA's),

Gene: Emma_105 Start: 53507, Stop: 53668, Start Num: 27
Candidate Starts for Emma_105:
(Start: 27 @53507 has 210 MA's),

Gene: Emmaloid_103 Start: 54427, Stop: 54588, Start Num: 27
Candidate Starts for Emmaloid_103:
(Start: 27 @54427 has 210 MA's),

Gene: Empress_100 Start: 54008, Stop: 54169, Start Num: 27
Candidate Starts for Empress_100:
(Start: 27 @54008 has 210 MA's),

Gene: Enceladus_93 Start: 59494, Stop: 59661, Start Num: 24
Candidate Starts for Enceladus_93:
(7, 59380), (13, 59434), (15, 59449), (22, 59485), (Start: 24 @59494 has 11 MA's), (30, 59548),

Gene: Estave1_108 Start: 57801, Stop: 57962, Start Num: 27
Candidate Starts for Estave1_108:
(Start: 27 @57801 has 210 MA's),

Gene: Fancypants_107 Start: 57307, Stop: 57468, Start Num: 27
Candidate Starts for Fancypants_107:
(Start: 27 @57307 has 210 MA's),

Gene: FarmResident_103 Start: 61588, Stop: 61764, Start Num: 25
Candidate Starts for FarmResident_103:
(Start: 25 @61588 has 25 MA's), (Start: 29 @61621 has 1 MA's),

Gene: Filuzino_100 Start: 55918, Stop: 56079, Start Num: 27
Candidate Starts for Filuzino_100:
(Start: 27 @55918 has 210 MA's),

Gene: Findley_90 Start: 56807, Stop: 56974, Start Num: 27
Candidate Starts for Findley_90:
(1, 56396), (2, 56411), (3, 56465), (19, 56777), (Start: 27 @56807 has 210 MA's),

Gene: Finemlucis_101 Start: 62639, Stop: 62809, Start Num: 25
Candidate Starts for Finemlucis_101:
(Start: 25 @62639 has 25 MA's), (Start: 29 @62672 has 1 MA's),

Gene: Finnry_98 Start: 61843, Stop: 62019, Start Num: 25
Candidate Starts for Finnry_98:
(13, 61783), (Start: 25 @61843 has 25 MA's), (31, 61942),

Gene: Firehouse51_94 Start: 54735, Stop: 54896, Start Num: 27
Candidate Starts for Firehouse51_94:
(Start: 27 @54735 has 210 MA's),

Gene: Flathead_102 Start: 54239, Stop: 54400, Start Num: 27
Candidate Starts for Flathead_102:
(Start: 27 @54239 has 210 MA's),

Gene: Florinda_112 Start: 56324, Stop: 56485, Start Num: 27
Candidate Starts for Florinda_112:
(Start: 27 @56324 has 210 MA's),

Gene: Fruitloop_98 Start: 55083, Stop: 55244, Start Num: 27
Candidate Starts for Fruitloop_98:
(Start: 27 @55083 has 210 MA's),

Gene: GUmbie_99 Start: 53944, Stop: 54105, Start Num: 27
Candidate Starts for GUmbie_99:
(Start: 27 @53944 has 210 MA's),

Gene: Gabriela_100 Start: 60925, Stop: 61095, Start Num: 25
Candidate Starts for Gabriela_100:
(Start: 25 @60925 has 25 MA's), (Start: 29 @60958 has 1 MA's),

Gene: Galactic_104 Start: 54420, Stop: 54581, Start Num: 27
Candidate Starts for Galactic_104:
(Start: 27 @54420 has 210 MA's),

Gene: Gandalph_100 Start: 52050, Stop: 52211, Start Num: 27
Candidate Starts for Gandalph_100:
(Start: 27 @52050 has 210 MA's),

Gene: Geralt_93 Start: 52814, Stop: 52975, Start Num: 27
Candidate Starts for Geralt_93:
(Start: 27 @52814 has 210 MA's),

Gene: Girafales_109 Start: 55929, Stop: 56090, Start Num: 27
Candidate Starts for Girafales_109:
(Start: 27 @55929 has 210 MA's),

Gene: Girr_99 Start: 54813, Stop: 54974, Start Num: 27
Candidate Starts for Girr_99:
(Start: 27 @54813 has 210 MA's),

Gene: Gorge_99 Start: 55034, Stop: 55195, Start Num: 27
Candidate Starts for Gorge_99:
(Start: 27 @55034 has 210 MA's),

Gene: Guppsters_95 Start: 51924, Stop: 52085, Start Num: 27
Candidate Starts for Guppsters_95:
(Start: 27 @51924 has 210 MA's),

Gene: Hades_97 Start: 51586, Stop: 51747, Start Num: 27
Candidate Starts for Hades_97:
(Start: 27 @51586 has 210 MA's),

Gene: Halena_94 Start: 58748, Stop: 58921, Start Num: 24
Candidate Starts for Halena_94:
(7, 58634), (13, 58688), (15, 58703), (22, 58739), (Start: 24 @58748 has 11 MA's), (30, 58802), (36, 58910),

Gene: Hamulus_100 Start: 53768, Stop: 53929, Start Num: 27
Candidate Starts for Hamulus_100:
(Start: 27 @53768 has 210 MA's),

Gene: Hegedechwinu_108 Start: 54304, Stop: 54465, Start Num: 27
Candidate Starts for Hegedechwinu_108:
(Start: 27 @54304 has 210 MA's),

Gene: Hlubikazi_98 Start: 52547, Stop: 52708, Start Num: 27
Candidate Starts for Hlubikazi_98:
(Start: 27 @52547 has 210 MA's),

Gene: IMpilo_98 Start: 52546, Stop: 52707, Start Num: 27
Candidate Starts for IMpilo_98:
(Start: 27 @52546 has 210 MA's),

Gene: IbOuu_91 Start: 51910, Stop: 52071, Start Num: 27
Candidate Starts for IbOuu_91:
(Start: 27 @51910 has 210 MA's),

Gene: Inventum_98 Start: 54102, Stop: 54263, Start Num: 27
Candidate Starts for Inventum_98:
(Start: 27 @54102 has 210 MA's),

Gene: IrishSherpFalk_100 Start: 54437, Stop: 54598, Start Num: 27
Candidate Starts for IrishSherpFalk_100:
(17, 54395), (Start: 27 @54437 has 210 MA's),

Gene: Itos_100 Start: 60485, Stop: 60655, Start Num: 25
Candidate Starts for Itos_100:
(Start: 25 @60485 has 25 MA's), (Start: 29 @60518 has 1 MA's),

Gene: JalFarm20_109 Start: 56245, Stop: 56406, Start Num: 27
Candidate Starts for JalFarm20_109:
(Start: 27 @56245 has 210 MA's),

Gene: James_104 Start: 56416, Stop: 56577, Start Num: 27
Candidate Starts for James_104:
(Start: 27 @56416 has 210 MA's),

Gene: Jant_107 Start: 53731, Stop: 53892, Start Num: 27
Candidate Starts for Jant_107:
(Start: 27 @53731 has 210 MA's),

Gene: Jarcob_103 Start: 56015, Stop: 56176, Start Num: 27
Candidate Starts for Jarcob_103:
(Start: 27 @56015 has 210 MA's),

Gene: Jennelsea_98 Start: 53316, Stop: 53477, Start Num: 27
Candidate Starts for Jennelsea_98:
(Start: 27 @53316 has 210 MA's),

Gene: Jinglebell_107 Start: 55692, Stop: 55853, Start Num: 27
Candidate Starts for Jinglebell_107:
(Start: 27 @55692 has 210 MA's),

Gene: Job42_101 Start: 56590, Stop: 56751, Start Num: 27
Candidate Starts for Job42_101:
(Start: 27 @56590 has 210 MA's),

Gene: JoeDirt_98 Start: 60423, Stop: 60590, Start Num: 24

Candidate Starts for JoeDirt_98:
(7, 60309), (13, 60363), (15, 60378), (22, 60414), (Start: 24 @60423 has 11 MA's), (30, 60477),

Gene: JoeyJr_103 Start: 56010, Stop: 56171, Start Num: 27
Candidate Starts for JoeyJr_103:
(Start: 27 @56010 has 210 MA's),

Gene: Jubie_97 Start: 61625, Stop: 61801, Start Num: 25
Candidate Starts for Jubie_97:
(13, 61565), (Start: 25 @61625 has 25 MA's), (31, 61724),

Gene: Juice456_99 Start: 53720, Stop: 53881, Start Num: 27
Candidate Starts for Juice456_99:
(Start: 27 @53720 has 210 MA's),

Gene: Kahlid_99 Start: 61290, Stop: 61460, Start Num: 25
Candidate Starts for Kahlid_99:
(Start: 25 @61290 has 25 MA's), (Start: 29 @61323 has 1 MA's),

Gene: Karhdo_95 Start: 52179, Stop: 52340, Start Num: 27
Candidate Starts for Karhdo_95:
(Start: 27 @52179 has 210 MA's),

Gene: Kenuha5_92 Start: 53592, Stop: 53753, Start Num: 27
Candidate Starts for Kenuha5_92:
(Start: 27 @53592 has 210 MA's),

Gene: KingJulian_108 Start: 56834, Stop: 56995, Start Num: 27
Candidate Starts for KingJulian_108:
(Start: 27 @56834 has 210 MA's),

Gene: KingMidas_100 Start: 54239, Stop: 54400, Start Num: 27
Candidate Starts for KingMidas_100:
(Start: 27 @54239 has 210 MA's),

Gene: Kingsley_109 Start: 57777, Stop: 57938, Start Num: 27
Candidate Starts for Kingsley_109:
(Start: 27 @57777 has 210 MA's),

Gene: KirDoubleO7_96 Start: 61658, Stop: 61840, Start Num: 25
Candidate Starts for KirDoubleO7_96:
(Start: 25 @61658 has 25 MA's), (Start: 29 @61691 has 1 MA's),

Gene: Koella_93 Start: 51178, Stop: 51339, Start Num: 27
Candidate Starts for Koella_93:
(Start: 27 @51178 has 210 MA's),

Gene: Krakatau_93 Start: 50137, Stop: 50298, Start Num: 27
Candidate Starts for Krakatau_93:
(Start: 27 @50137 has 210 MA's),

Gene: KristaRAM_108 Start: 55500, Stop: 55661, Start Num: 27
Candidate Starts for KristaRAM_108:

(Start: 27 @55500 has 210 MA's),

Gene: Krypton555_100 Start: 61911, Stop: 62087, Start Num: 25
Candidate Starts for Krypton555_100:
(Start: 25 @61911 has 25 MA's),

Gene: LastJedi_91 Start: 52235, Stop: 52396, Start Num: 27
Candidate Starts for LastJedi_91:
(Start: 27 @52235 has 210 MA's),

Gene: Latretium_103 Start: 55281, Stop: 55442, Start Num: 27
Candidate Starts for Latretium_103:
(Start: 27 @55281 has 210 MA's),

Gene: Leperchaun_102 Start: 55244, Stop: 55405, Start Num: 27
Candidate Starts for Leperchaun_102:
(Start: 27 @55244 has 210 MA's),

Gene: LilDestine_98 Start: 61249, Stop: 61419, Start Num: 25
Candidate Starts for LilDestine_98:
(Start: 25 @61249 has 25 MA's), (Start: 29 @61282 has 1 MA's),

Gene: LilMoolah_103 Start: 55215, Stop: 55376, Start Num: 27
Candidate Starts for LilMoolah_103:
(Start: 27 @55215 has 210 MA's),

Gene: LittleShirley_108 Start: 55612, Stop: 55773, Start Num: 27
Candidate Starts for LittleShirley_108:
(Start: 27 @55612 has 210 MA's),

Gene: LiyuLake_97 Start: 61731, Stop: 61913, Start Num: 25
Candidate Starts for LiyuLake_97:
(Start: 25 @61731 has 25 MA's), (Start: 29 @61764 has 1 MA's),

Gene: Lizziana_101 Start: 55483, Stop: 55644, Start Num: 27
Candidate Starts for Lizziana_101:
(Start: 27 @55483 has 210 MA's),

Gene: Llama_107 Start: 55335, Stop: 55496, Start Num: 27
Candidate Starts for Llama_107:
(Start: 27 @55335 has 210 MA's),

Gene: Llij_95 Start: 53166, Stop: 53327, Start Num: 27
Candidate Starts for Llij_95:
(Start: 27 @53166 has 210 MA's),

Gene: LordVader_89 Start: 51082, Stop: 51243, Start Num: 27
Candidate Starts for LordVader_89:
(12, 51001), (Start: 27 @51082 has 210 MA's),

Gene: MAckerman_95 Start: 58741, Stop: 58914, Start Num: 24
Candidate Starts for MAckerman_95:

(7, 58627), (13, 58681), (15, 58696), (22, 58732), (Start: 24 @58741 has 11 MA's), (30, 58795), (36, 58903),

Gene: MadMen_105 Start: 54834, Stop: 54995, Start Num: 27
Candidate Starts for MadMen_105:
(Start: 27 @54834 has 210 MA's),

Gene: Madiba_99 Start: 53523, Stop: 53684, Start Num: 27
Candidate Starts for Madiba_99:
(Start: 27 @53523 has 210 MA's),

Gene: Mandlovu_98 Start: 52489, Stop: 52650, Start Num: 27
Candidate Starts for Mandlovu_98:
(Start: 27 @52489 has 210 MA's),

Gene: Maravista_97 Start: 56143, Stop: 56304, Start Num: 27
Candidate Starts for Maravista_97:
(Start: 27 @56143 has 210 MA's),

Gene: Martik_99 Start: 55946, Stop: 56107, Start Num: 27
Candidate Starts for Martik_99:
(Start: 27 @55946 has 210 MA's),

Gene: Mattes_101 Start: 55152, Stop: 55313, Start Num: 27
Candidate Starts for Mattes_101:
(Start: 27 @55152 has 210 MA's),

Gene: Medindi_105 Start: 55294, Stop: 55455, Start Num: 27
Candidate Starts for Medindi_105:
(Start: 27 @55294 has 210 MA's),

Gene: Melissauren88_90 Start: 50968, Stop: 51129, Start Num: 27
Candidate Starts for Melissauren88_90:
(Start: 27 @50968 has 210 MA's),

Gene: MilanaBonita_93 Start: 52864, Stop: 53025, Start Num: 27
Candidate Starts for MilanaBonita_93:
(Start: 27 @52864 has 210 MA's),

Gene: MilleniumForce_100 Start: 54671, Stop: 54832, Start Num: 27
Candidate Starts for MilleniumForce_100:
(Start: 27 @54671 has 210 MA's),

Gene: Milly_90 Start: 56870, Stop: 57037, Start Num: 27
Candidate Starts for Milly_90:
(1, 56459), (2, 56474), (3, 56528), (19, 56840), (Start: 27 @56870 has 210 MA's),

Gene: MinionDave_98 Start: 54626, Stop: 54787, Start Num: 27
Candidate Starts for MinionDave_98:
(Start: 27 @54626 has 210 MA's),

Gene: Minnie_95 Start: 55564, Stop: 55725, Start Num: 27
Candidate Starts for Minnie_95:

(Start: 27 @55564 has 210 MA's),

Gene: Misha28_90 Start: 54937, Stop: 55098, Start Num: 27
Candidate Starts for Misha28_90:
(Start: 27 @54937 has 210 MA's),

Gene: MisterCuddles_100 Start: 54813, Stop: 54974, Start Num: 27
Candidate Starts for MisterCuddles_100:
(Start: 27 @54813 has 210 MA's),

Gene: Moonbeam_103 Start: 55059, Stop: 55220, Start Num: 27
Candidate Starts for Moonbeam_103:
(Start: 27 @55059 has 210 MA's),

Gene: Mova_102 Start: 54601, Stop: 54762, Start Num: 27
Candidate Starts for Mova_102:
(Start: 27 @54601 has 210 MA's),

Gene: Mozy_104 Start: 54236, Stop: 54397, Start Num: 27
Candidate Starts for Mozy_104:
(Start: 27 @54236 has 210 MA's),

Gene: Ms6_102 Start: 50859, Stop: 51020, Start Num: 27
Candidate Starts for Ms6_102:
(Start: 27 @50859 has 210 MA's),

Gene: MsGreen_98 Start: 61489, Stop: 61665, Start Num: 25
Candidate Starts for MsGreen_98:
(13, 61429), (Start: 25 @61489 has 25 MA's), (31, 61588),

Gene: Mufasa_90 Start: 56727, Stop: 56894, Start Num: 27
Candidate Starts for Mufasa_90:
(3, 56379), (19, 56697), (Start: 27 @56727 has 210 MA's),

Gene: MulchExplorer_100 Start: 53491, Stop: 53652, Start Num: 27
Candidate Starts for MulchExplorer_100:
(Start: 27 @53491 has 210 MA's),

Gene: MulchSalad_98 Start: 55492, Stop: 55653, Start Num: 27
Candidate Starts for MulchSalad_98:
(12, 55411), (Start: 27 @55492 has 210 MA's),

Gene: Mutaforma13_101 Start: 54270, Stop: 54431, Start Num: 27
Candidate Starts for Mutaforma13_101:
(Start: 27 @54270 has 210 MA's),

Gene: Mwanjiwa_103 Start: 55673, Stop: 55834, Start Num: 27
Candidate Starts for Mwanjiwa_103:
(Start: 27 @55673 has 210 MA's),

Gene: Nichirin_102 Start: 55178, Stop: 55339, Start Num: 27
Candidate Starts for Nichirin_102:
(Start: 27 @55178 has 210 MA's),

Gene: Nicholasp3_100 Start: 61372, Stop: 61542, Start Num: 25
Candidate Starts for Nicholasp3_100:
(Start: 25 @61372 has 25 MA's), (Start: 29 @61405 has 1 MA's),

Gene: Nimbo_92 Start: 52816, Stop: 52977, Start Num: 27
Candidate Starts for Nimbo_92:
(Start: 27 @52816 has 210 MA's),

Gene: Nitzel_94 Start: 51429, Stop: 51590, Start Num: 27
Candidate Starts for Nitzel_94:
(Start: 27 @51429 has 210 MA's),

Gene: Nivrat_100 Start: 55088, Stop: 55249, Start Num: 27
Candidate Starts for Nivrat_100:
(Start: 27 @55088 has 210 MA's),

Gene: NormanBulbieJr_98 Start: 55192, Stop: 55353, Start Num: 27
Candidate Starts for NormanBulbieJr_98:
(Start: 27 @55192 has 210 MA's),

Gene: Ochi17_106 Start: 54930, Stop: 55091, Start Num: 27
Candidate Starts for Ochi17_106:
(Start: 27 @54930 has 210 MA's),

Gene: OfUltron_107 Start: 55479, Stop: 55640, Start Num: 27
Candidate Starts for OfUltron_107:
(Start: 27 @55479 has 210 MA's),

Gene: Ogopogo_104 Start: 53421, Stop: 53582, Start Num: 27
Candidate Starts for Ogopogo_104:
(Start: 27 @53421 has 210 MA's),

Gene: Okabe_92 Start: 50646, Stop: 50807, Start Num: 27
Candidate Starts for Okabe_92:
(Start: 27 @50646 has 210 MA's),

Gene: Oksu_106 Start: 56569, Stop: 56730, Start Num: 27
Candidate Starts for Oksu_106:
(Start: 27 @56569 has 210 MA's),

Gene: OldBen_97 Start: 54208, Stop: 54369, Start Num: 27
Candidate Starts for OldBen_97:
(Start: 27 @54208 has 210 MA's),

Gene: OlympiaSaint_104 Start: 55382, Stop: 55543, Start Num: 27
Candidate Starts for OlympiaSaint_104:
(5, 55163), (6, 55220), (17, 55340), (Start: 27 @55382 has 210 MA's),

Gene: OverPar_102 Start: 61740, Stop: 61910, Start Num: 25
Candidate Starts for OverPar_102:
(Start: 25 @61740 has 25 MA's), (Start: 29 @61773 has 1 MA's),

Gene: PHappiness_100 Start: 55037, Stop: 55198, Start Num: 27
Candidate Starts for PHappiness_100:
(Start: 27 @55037 has 210 MA's),

Gene: PMC_99 Start: 53252, Stop: 53413, Start Num: 27
Candidate Starts for PMC_99:
(Start: 27 @53252 has 210 MA's),

Gene: PYPDinur_102 Start: 62234, Stop: 62419, Start Num: 25
Candidate Starts for PYPDinur_102:
(Start: 25 @62234 has 25 MA's), (Start: 29 @62267 has 1 MA's), (32, 62363),

Gene: PatoPoderoso_101 Start: 56834, Stop: 56995, Start Num: 27
Candidate Starts for PatoPoderoso_101:
(Start: 27 @56834 has 210 MA's),

Gene: Peridot_104 Start: 54621, Stop: 54782, Start Num: 27
Candidate Starts for Peridot_104:
(Start: 27 @54621 has 210 MA's),

Gene: Phalconet_101 Start: 54261, Stop: 54422, Start Num: 27
Candidate Starts for Phalconet_101:
(Start: 27 @54261 has 210 MA's),

Gene: Phanphagia_105 Start: 56016, Stop: 56177, Start Num: 27
Candidate Starts for Phanphagia_105:
(Start: 27 @56016 has 210 MA's),

Gene: PhesterPhotato_104 Start: 54235, Stop: 54396, Start Num: 27
Candidate Starts for PhesterPhotato_104:
(Start: 27 @54235 has 210 MA's),

Gene: Philus_104 Start: 56323, Stop: 56484, Start Num: 27
Candidate Starts for Philus_104:
(Start: 27 @56323 has 210 MA's),

Gene: Piper2020_95 Start: 55185, Stop: 55346, Start Num: 27
Candidate Starts for Piper2020_95:
(Start: 27 @55185 has 210 MA's),

Gene: Pippy_98 Start: 53463, Stop: 53624, Start Num: 27
Candidate Starts for Pippy_98:
(Start: 27 @53463 has 210 MA's),

Gene: Plumbus_99 Start: 51933, Stop: 52094, Start Num: 27
Candidate Starts for Plumbus_99:
(Start: 27 @51933 has 210 MA's),

Gene: Poenanya_104 Start: 55745, Stop: 55906, Start Num: 27
Candidate Starts for Poenanya_104:
(Start: 27 @55745 has 210 MA's),

Gene: Polka14_104 Start: 55806, Stop: 55967, Start Num: 27

Candidate Starts for Polka14_104:
(Start: 27 @55806 has 210 MA's),

Gene: Pollywog_102 Start: 55864, Stop: 56025, Start Num: 27
Candidate Starts for Pollywog_102:
(Start: 27 @55864 has 210 MA's),

Gene: Priscilla_101 Start: 55290, Stop: 55451, Start Num: 27
Candidate Starts for Priscilla_101:
(Start: 27 @55290 has 210 MA's),

Gene: Quby_102 Start: 61563, Stop: 61739, Start Num: 25
Candidate Starts for Quby_102:
(Start: 25 @61563 has 25 MA's), (Start: 29 @61596 has 1 MA's),

Gene: QuickMath_101 Start: 54125, Stop: 54286, Start Num: 27
Candidate Starts for QuickMath_101:
(Start: 27 @54125 has 210 MA's),

Gene: Quico_109 Start: 56144, Stop: 56305, Start Num: 27
Candidate Starts for Quico_109:
(Start: 27 @56144 has 210 MA's),

Gene: Radiance_98 Start: 54149, Stop: 54310, Start Num: 27
Candidate Starts for Radiance_98:
(Start: 27 @54149 has 210 MA's),

Gene: Ramsey_105 Start: 56045, Stop: 56206, Start Num: 27
Candidate Starts for Ramsey_105:
(Start: 27 @56045 has 210 MA's),

Gene: RedBird_101 Start: 55784, Stop: 55945, Start Num: 27
Candidate Starts for RedBird_101:
(Start: 27 @55784 has 210 MA's),

Gene: Rialto_105 Start: 55400, Stop: 55561, Start Num: 27
Candidate Starts for Rialto_105:
(Start: 27 @55400 has 210 MA's),

Gene: Rita_100 Start: 55860, Stop: 56021, Start Num: 27
Candidate Starts for Rita_100:
(Start: 27 @55860 has 210 MA's),

Gene: RitaG_99 Start: 54839, Stop: 55000, Start Num: 27
Candidate Starts for RitaG_99:
(Start: 27 @54839 has 210 MA's),

Gene: Rockne_103 Start: 53264, Stop: 53425, Start Num: 27
Candidate Starts for Rockne_103:
(Start: 27 @53264 has 210 MA's),

Gene: Rose5_98 Start: 60265, Stop: 60432, Start Num: 24
Candidate Starts for Rose5_98:

(7, 60151), (13, 60205), (15, 60220), (22, 60256), (Start: 24 @60265 has 11 MA's), (30, 60319),

Gene: Rossetti_101 Start: 61909, Stop: 62079, Start Num: 25
Candidate Starts for Rossetti_101:
(9, 61819), (10, 61834), (11, 61837), (14, 61849), (Start: 25 @61909 has 25 MA's), (Start: 29 @61942 has 1 MA's),

Gene: Royals2015_104 Start: 53395, Stop: 53556, Start Num: 27
Candidate Starts for Royals2015_104:
(Start: 27 @53395 has 210 MA's),

Gene: Rumpelstiltskin_96 Start: 61165, Stop: 61335, Start Num: 25
Candidate Starts for Rumpelstiltskin_96:
(Start: 25 @61165 has 25 MA's), (Start: 29 @61198 has 1 MA's),

Gene: SG4_101 Start: 55629, Stop: 55790, Start Num: 27
Candidate Starts for SG4_101:
(Start: 27 @55629 has 210 MA's),

Gene: Saal_98 Start: 54854, Stop: 55015, Start Num: 27
Candidate Starts for Saal_98:
(Start: 27 @54854 has 210 MA's),

Gene: Sabbb_103 Start: 52820, Stop: 52981, Start Num: 27
Candidate Starts for Sabbb_103:
(5, 52601), (6, 52658), (17, 52778), (Start: 27 @52820 has 210 MA's),

Gene: Samty_97 Start: 61587, Stop: 61763, Start Num: 25
Candidate Starts for Samty_97:
(13, 61527), (Start: 25 @61587 has 25 MA's), (31, 61686),

Gene: Sarma624_102 Start: 51789, Stop: 51950, Start Num: 27
Candidate Starts for Sarma624_102:
(Start: 27 @51789 has 210 MA's),

Gene: Sassafras_102 Start: 54101, Stop: 54262, Start Num: 27
Candidate Starts for Sassafras_102:
(Start: 27 @54101 has 210 MA's),

Gene: Scottish_100 Start: 53678, Stop: 53839, Start Num: 27
Candidate Starts for Scottish_100:
(Start: 27 @53678 has 210 MA's),

Gene: Seabastian_107 Start: 55480, Stop: 55641, Start Num: 27
Candidate Starts for Seabastian_107:
(Start: 27 @55480 has 210 MA's),

Gene: Seagreen_101 Start: 54767, Stop: 54928, Start Num: 27
Candidate Starts for Seagreen_101:
(Start: 27 @54767 has 210 MA's),

Gene: Shauna1_102 Start: 55632, Stop: 55793, Start Num: 27
Candidate Starts for Shauna1_102:

(Start: 27 @55632 has 210 MA's),

Gene: Sheng711_103 Start: 61758, Stop: 61943, Start Num: 25
Candidate Starts for Sheng711_103:
(Start: 25 @61758 has 25 MA's), (Start: 29 @61791 has 1 MA's), (32, 61887),

Gene: ShiLan_103 Start: 56871, Stop: 57032, Start Num: 27
Candidate Starts for ShiLan_103:
(Start: 27 @56871 has 210 MA's),

Gene: ShowerHandel_101 Start: 54136, Stop: 54297, Start Num: 27
Candidate Starts for ShowerHandel_101:
(Start: 27 @54136 has 210 MA's),

Gene: ShroomBoi_98 Start: 54184, Stop: 54345, Start Num: 27
Candidate Starts for ShroomBoi_98:
(Start: 27 @54184 has 210 MA's),

Gene: Silverleaf_95 Start: 59405, Stop: 59572, Start Num: 27
Candidate Starts for Silverleaf_95:
(7, 59279), (13, 59333), (15, 59348), (22, 59384), (26, 59396), (Start: 27 @59405 has 210 MA's), (30, 59459),

Gene: Slim_103 Start: 54418, Stop: 54579, Start Num: 27
Candidate Starts for Slim_103:
(Start: 27 @54418 has 210 MA's),

Gene: SoJulia_102 Start: 63096, Stop: 63266, Start Num: 25
Candidate Starts for SoJulia_102:
(Start: 25 @63096 has 25 MA's), (Start: 29 @63129 has 1 MA's),

Gene: Sparkdehlily_107 Start: 53349, Stop: 53510, Start Num: 27
Candidate Starts for Sparkdehlily_107:
(Start: 27 @53349 has 210 MA's),

Gene: Spartacus_107 Start: 57463, Stop: 57624, Start Num: 27
Candidate Starts for Spartacus_107:
(Start: 27 @57463 has 210 MA's),

Gene: Spoonbill_100 Start: 52784, Stop: 52945, Start Num: 27
Candidate Starts for Spoonbill_100:
(Start: 27 @52784 has 210 MA's),

Gene: Squirty_99 Start: 57753, Stop: 57914, Start Num: 27
Candidate Starts for Squirty_99:
(12, 57672), (Start: 27 @57753 has 210 MA's),

Gene: StAnnes_104 Start: 55680, Stop: 55841, Start Num: 27
Candidate Starts for StAnnes_104:
(Start: 27 @55680 has 210 MA's),

Gene: Stap_95 Start: 51396, Stop: 51557, Start Num: 27
Candidate Starts for Stap_95:

(17, 51354), (Start: 27 @51396 has 210 MA's),

Gene: Starcevich_102 Start: 55513, Stop: 55674, Start Num: 27
Candidate Starts for Starcevich_102:
(17, 55471), (Start: 27 @55513 has 210 MA's),

Gene: Strobilo_91 Start: 56785, Stop: 56952, Start Num: 27
Candidate Starts for Strobilo_91:
(1, 56374), (2, 56389), (3, 56443), (19, 56755), (Start: 27 @56785 has 210 MA's),

Gene: Strokeseat_98 Start: 52546, Stop: 52707, Start Num: 27
Candidate Starts for Strokeseat_98:
(Start: 27 @52546 has 210 MA's),

Gene: SwagPigglett_102 Start: 55990, Stop: 56151, Start Num: 27
Candidate Starts for SwagPigglett_102:
(Start: 27 @55990 has 210 MA's),

Gene: TDanisky_108 Start: 53349, Stop: 53510, Start Num: 27
Candidate Starts for TDanisky_108:
(Start: 27 @53349 has 210 MA's),

Gene: TM4_88 Start: 51459, Stop: 51626, Start Num: 27
Candidate Starts for TM4_88:
(2, 51063), (3, 51117), (19, 51429), (Start: 27 @51459 has 210 MA's),

Gene: Taj_106 Start: 55638, Stop: 55799, Start Num: 27
Candidate Starts for Taj_106:
(Start: 27 @55638 has 210 MA's),

Gene: TootsiePop_90 Start: 54937, Stop: 55098, Start Num: 27
Candidate Starts for TootsiePop_90:
(Start: 27 @54937 has 210 MA's),

Gene: Tootsieroll_94 Start: 54782, Stop: 54943, Start Num: 27
Candidate Starts for Tootsieroll_94:
(Start: 27 @54782 has 210 MA's),

Gene: Totinger_103 Start: 54913, Stop: 55074, Start Num: 27
Candidate Starts for Totinger_103:
(Start: 27 @54913 has 210 MA's),

Gene: Tweety_101 Start: 55032, Stop: 55193, Start Num: 27
Candidate Starts for Tweety_101:
(Start: 27 @55032 has 210 MA's),

Gene: Tyson_98 Start: 60158, Stop: 60331, Start Num: 24
Candidate Starts for Tyson_98:
(7, 60044), (13, 60098), (15, 60113), (22, 60149), (Start: 24 @60158 has 11 MA's), (30, 60212), (36, 60320),

Gene: UPIE_95 Start: 59398, Stop: 59571, Start Num: 27
Candidate Starts for UPIE_95:

(7, 59272), (15, 59341), (22, 59377), (26, 59389), (Start: 27 @59398 has 210 MA's), (30, 59452), (36, 59560),

Gene: Underpass_92 Start: 56408, Stop: 56578, Start Num: 25
Candidate Starts for Underpass_92:
(Start: 25 @56408 has 25 MA's), (Start: 29 @56441 has 1 MA's),

Gene: VRedHorse_101 Start: 51888, Stop: 52049, Start Num: 27
Candidate Starts for VRedHorse_101:
(Start: 27 @51888 has 210 MA's),

Gene: Velveteen_97 Start: 51789, Stop: 51950, Start Num: 27
Candidate Starts for Velveteen_97:
(Start: 27 @51789 has 210 MA's),

Gene: Violac_101 Start: 55284, Stop: 55445, Start Num: 27
Candidate Starts for Violac_101:
(Start: 27 @55284 has 210 MA's),

Gene: Vivum_100 Start: 56225, Stop: 56386, Start Num: 27
Candidate Starts for Vivum_100:
(Start: 27 @56225 has 210 MA's),

Gene: Wee_103 Start: 55714, Stop: 55875, Start Num: 27
Candidate Starts for Wee_103:
(Start: 27 @55714 has 210 MA's),

Gene: Whatsapiecost_94 Start: 49439, Stop: 49600, Start Num: 27
Candidate Starts for Whatsapiecost_94:
(Start: 27 @49439 has 210 MA's),

Gene: WillSterrel_98 Start: 54470, Stop: 54631, Start Num: 27
Candidate Starts for WillSterrel_98:
(17, 54428), (Start: 27 @54470 has 210 MA's),

Gene: Wyatt2_97 Start: 59821, Stop: 59994, Start Num: 24
Candidate Starts for Wyatt2_97:
(7, 59707), (13, 59761), (15, 59776), (22, 59812), (Start: 24 @59821 has 11 MA's), (30, 59875), (36, 59983),

Gene: XFactor_91 Start: 52230, Stop: 52391, Start Num: 27
Candidate Starts for XFactor_91:
(Start: 27 @52230 has 210 MA's),

Gene: Yorick_96 Start: 55531, Stop: 55692, Start Num: 27
Candidate Starts for Yorick_96:
(Start: 27 @55531 has 210 MA's),

Gene: Zakai_101 Start: 61981, Stop: 62151, Start Num: 25
Candidate Starts for Zakai_101:
(Start: 25 @61981 has 25 MA's), (Start: 29 @62014 has 1 MA's),

Gene: Zaria_97 Start: 59297, Stop: 59470, Start Num: 24

Candidate Starts for Zaria_97:
(7, 59183), (13, 59237), (15, 59252), (22, 59288), (Start: 24 @59297 has 11 MA's), (30, 59351), (36, 59459),

Gene: Zerg_98 Start: 54105, Stop: 54266, Start Num: 27
Candidate Starts for Zerg_98:
(Start: 27 @54105 has 210 MA's),

Gene: Zizzle_103 Start: 56181, Stop: 56342, Start Num: 27
Candidate Starts for Zizzle_103:
(Start: 27 @56181 has 210 MA's),

Gene: ZoeJ_88 Start: 55979, Stop: 56146, Start Num: 27
Candidate Starts for ZoeJ_88:
(4, 55652), (19, 55949), (Start: 27 @55979 has 210 MA's),