



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 307903 Report

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

Pham number 307903 has 282 members, 34 are drafts.

Phages represented in each track:

- Track 1 : AdaS_15, Windest_16, Vopal_16, Phrank15_14, Auxilium_15, YoungHarleezy_15, MaterMagnus_15, Hillester_15, CookieBear_15, JellyBread_15, MidnightRain_15, BlueShadow_15, Gorpy_15, SonDevVon_14, Lasker_15, NewKitty_16, RadFad_15, Raphaella_15, BenchScraper_15, Aikyam_15, Richie_15, Sakai_15, Sporco_16, BasketStar_15, MUWow_14
- Track 2 : Hestia_15
- Track 3 : Crescenzo_15, DarwinJr_18, Anekin_14
- Track 4 : SpicyFrank_15
- Track 5 : Satrap_15, Shukran_15
- Track 6 : Mapleville_14, BillyTP_15, Lawnathon_15
- Track 7 : Ding_15
- Track 8 : Kabloowy_15, Bhageatrice_17
- Track 9 : JakeTheSnake_15, Seahorse_16
- Track 10 : CosmicBrownie_15, GumGum_15
- Track 11 : Persistence_14
- Track 12 : Globfish_15
- Track 13 : ThayneTheZag_15
- Track 14 : MurphyJoseph_15
- Track 15 : Isolde_16
- Track 16 : LeBruni_15
- Track 17 : Mercedes_14
- Track 18 : Jenos_16
- Track 19 : FarmerDoug_14
- Track 20 : AranulaLuti_14, Ilzat_14, HanSolo_14, Phireproof_14, KannH_14, Teagan_14, Janus167_14, MaeLinda_14, Phriends_14, JasperRussell_14, Merida02_14, Phiderman_14, Delphidian_14, Gargoyle_14, Sedgewig_14, Byron23_14, RosieMae_14, Duocatuli_14, Nagem_14, Gubbabump_14, Oats_14, NickSell_14, CoraRita_14, Tenda_14, Rapheph_14, Martin_15, Jerbirus_14, Bandik_14, Chako_14, Ludgate_14, TatarkaPM_14, SJay_14, Exploradora_14, PhredFlintston_14, Zada_14, MrWorldwide_14, TinSulphur_14, Riyhil_14, StingRay_14, KellyGreen_14, Christoph_14, Kouch_14, Pherferi_14, Kurt1_14, Dothraki_14, ManRay_14, Bonino_14, JeriBeth_14, SolidSnake_14, Papafritta_14, SoilGremlin_14, OldNelly_14, Gershwin_14, Asta_14, HankSprout_15, TeddyBear_14, Kale_14, StirfryIV_14, Aubergine_14, Inventa_14, Stanktossa_14, Rog141_14, Clancy_14, Symere_14, Espinosa_14, MillyPhilly_14, Benjalauren_14, BeautPeep30_14, Winzigespinne_14, Pocket_14, ParleG_14, HungryHenry_14, Shee_14

- Track 21 : Antoinette_14, Dave_14, Peep_14
- Track 22 : Gelo_14, Superfresh_14, AlexAdler_14, Etta_14, Chamuel_14, Calix_14, Klimt_14, SonOfLevi_14, Renzie_14, Erla_14, Baines_14, Nattles_14, Alyxandracam_14
- Track 23 : Agente005_15
- Track 24 : Endor_15
- Track 25 : HavenFinLeoSun_15
- Track 26 : KingJulien_14, Etna_14, PhillyPhantom_14, Peppino_14, Schnapsidee_14, Stormbreaker8_14, BeeBee8_15, Raccoon_14, Soror1_14, Balsa_14, Redfield_14, Hamlet_14
- Track 27 : Knox_14, Figueroism_14, Lovelyunicorn_14, WildNOut_14, Convict_14, loannes_14, Den3_14, Raptor_14, AxiPup_14, Greys_14, Robinson_14, Blage_14, Strathdee_14, Thompsone_14, GoingMerry_14, BigRedClifford_14, Velene_14, Thorongil_14, BonesMcCoy_14, Oxtober96_14
- Track 28 : PuppyEggo_14, ShaiHulud_14, Vispistious_14
- Track 29 : GardenB_14, GoneGirl_15
- Track 30 : MonChoix_13
- Track 31 : Leafus_14
- Track 32 : Acosta_15
- Track 33 : McGalleon_15, CarisSwetlik_16
- Track 34 : JasonD_16
- Track 35 : Garey24_14
- Track 36 : Anilorac_14
- Track 37 : MiniVolent_13, Quartz_13
- Track 38 : Nucci_13, Carostasia_13
- Track 39 : Mandalorian_13
- Track 40 : Juanyo_13
- Track 41 : YuuY_13
- Track 42 : HairyMan_12
- Track 43 : HerculesXL_15, Scissor2024_15, Tinyman4_15
- Track 44 : Ixel_14
- Track 45 : Penta_14
- Track 46 : Kavo_14
- Track 47 : WestPM_14
- Track 48 : Schimmels22_15
- Track 49 : Saratos_13, PSirce_13, ColaCorta_13, ChikPic_13, Glamour_12, Eleri_13, Shamu_13, Andromedas_13, Xebius_12
- Track 50 : Sansa_12, Zenitsu_13, MCubed_13
- Track 51 : Finny_13, Phanita_13
- Track 52 : Pikmin_13, Casey_13, Pajaza_13
- Track 53 : Kauala_14
- Track 54 : Golden_14, Guetzie_14, Lucky3_14, SirVictor_14
- Track 55 : RenegadeRaider_14, PrincePhergus_14, Jingles_14, Sinatra_14, Pherbot_14, Bustleton_14, Koji_14
- Track 56 : BouleyBill_14
- Track 57 : Alakazam_16
- Track 58 : Clock_15
- Track 59 : LilTerminator_15, Greenlvy_15, BaronJohn_15, Zayuliv_15
- Track 60 : Librie_15, Hasitha_15, CaptainRex_15, Fulton_15, Wardwill_17
- Track 61 : Neferthena_15
- Track 62 : QuadZero_15, Zepp_16
- Track 63 : TwoBits_15
- Track 64 : Nebulous_15

- Track 65 : Chepli_15, Luna18_15, KatChan_15
- Track 66 : Morrigan_15
- Track 67 : WilliamStrong_13
- Track 68 : Jemerald_15, Juicer_15
- Track 69 : Theresita_14
- Track 70 : Schubert_14
- Track 71 : GaeCeo_15, ChickenKing_14
- Track 72 : NikkiHotWheels_14, Pucara_14, Judy_14, PeggyLeg03_14, GlobiWarming_14, Henrique_14, Constance_14, FosterFrank_14, HotPotato_14, Bridgette_14, Nyilah_14, NidoQ_14, Tiff81_16
- Track 73 : LittleRon_14, ChuckDuck_14, KayMoney_14
- Track 74 : Karkharias_14
- Track 75 : Peas_14, Eileen_14
- Track 76 : LilyBell_14
- Track 77 : Footloose_12

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

The start number called the most often in the published annotations is 31, it was called in 116 of the 248 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Acosta_15, Agente005_15, Alakazam_16, AlexAdler_14, Alyxandracam_14, Andromedas_13, Anilorac_14, Antoinette_14, AxiPup_14, Baines_14, Balsa_14, BaronJohn_15, BeeBee8_15, BigRedClifford_14, Blage_14, BonesMcCoy_14, Calix_14, CaptainRex_15, CarisSwetlik_16, Carostasia_13, Casey_13, Chamuel_14, Chepli_15, ChickenKing_14, ChikPic_13, Clock_15, ColaCorta_13, Convict_14, Dave_14, Den3_14, Eleri_13, Endor_15, Erla_14, Etna_14, Etta_14, FarmerDoug_14, Figueroism_14, Finny_13, Fulton_15, GaeCeo_15, GardenB_14, Gelo_14, Glamour_12, GoingMerry_14, GoneGirl_15, Greenlvy_15, Greys_14, HairyMan_12, Hamlet_14, Hasitha_15, HavenFinLeoSun_15, HerculesXL_15, Ioannes_14, Ixel_14, JasonD_16, Jemerald_15, Jenos_16, Juanyo_13, Juicer_15, KatChan_15, Kavo_14, KingJulien_14, Klimt_14, Knox_14, Leafus_14, Librie_15, LilTerminator_15, Lovelyunicorn_14, Luna18_15, MCubed_13, Mandalorian_13, McGalleon_15, Mercedes_14, MiniVolent_13, MonChoix_13, Morrigan_15, Nattles_14, Nebulous_15, Neferthena_15, Nucci_13, Oxtober96_14, PSirce_13, Pajaza_13, Peep_14, Penta_14, Peppino_14, Phanita_13, PhillyPhantom_14, Pikmin_13, PuppyEggo_14, QuadZero_15, Quartz_13, Raccoon_14, Raptor_14, Redfield_14, Renzie_14, Robinson_14, Sansa_12, Saratos_13, Schimmels22_15, Schnapsidee_14, Schubert_14, Scissor2024_15, ShaiHulud_14, Shamu_13, SonOfLevi_14, Soror1_14, Stormbreaker8_14, Strathdee_14, Superfresh_14, Thompstone_14, Thorongil_14, Tinyman4_15, TwoBits_15, Velene_14, Vispistious_14, Wardwill_17, WestPM_14, WildNOut_14, WilliamStrong_13, Xebius_12, YuyuY_13, Zayuliv_15, Zenitsu_13, Zepp_16,

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

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

- AdaS_15, Aikyam_15, Anekin_14, AranulaLuti_14, Asta_14, Aubergine_14, Auxilium_15, Bandik_14, BasketStar_15, BeautPeep30_14, BenchScraper_15, Benjalauren_14, Bhageatrice_17, BillyTP_15, BlueShadow_15, Bonino_14, BouleyBill_14, Bridgette_14, Bustleton_14, Byron23_14, Chako_14, Christoph_14, ChuckDuck_14, Clancy_14, Constance_14, CookieBear_15, CoraRita_14, CosmicBrownie_15, Crescenzo_15, DarwinJr_18, Delphidian_14, Ding_15, Dothraki_14, Duocatuli_14, Eileen_14, Espinosa_14, Exploradora_14, Footloose_12, FosterFrank_14, Garey24_14, Gargoyle_14, Gershwin_14, Globfish_15, GlobiWarming_14, Golden_14, Gorpy_15, Gubbabump_14, Guetzie_14, GumGum_15, HanSolo_14, HankSprout_15, Henrique_14, Hestia_15, Hillester_15, HotPotato_14, HungryHenry_14, Ilzat_14, Inventa_14, Isolde_16, JakeTheSnake_15, Janus167_14, JasperRussell_14, JellyBread_15, Jerbirus_14, JeriBeth_14, Jingles_14, Judy_14, Kabloowy_15, Kale_14, KannH_14, Karkharias_14, Kauala_14, KayMoney_14, KellyGreen_14, Koji_14, Kouch_14, Kurt1_14, Lasker_15, Lawnathon_15, LeBruni_15, LilyBell_14, LittleRon_14, Lucky3_14, Ludgate_14, MUWow_14, MaeLinda_14, ManRay_14, Mapleville_14, Martin_15, MaterMagnus_15, Merida02_14, MidnightRain_15, MillyPhilly_14, MrWorldwide_14, MurphyJoseph_15, Nagem_14, NewKitty_16, NickSell_14, NidoQ_14, NikkiHotWheels_14, Nyilah_14, Oats_14, OldNelly_14, Papafritta_14, ParleG_14, Peas_14, PeggyLeg03_14, Persistence_14, Pherbot_14, Pherferi_14, Phiderman_14, Phireproof_14, Phrank15_14, PhredFlintston_14, Phriends_14, Pocket_14, PrincePhergus_14, Pucara_14, RadFad_15, Raphaella_15, Rapheph_14, RenegadeRaider_14, Richie_15, Riyhil_14, Rog141_14, RosieMae_14, SJay_14, Sakai_15, Satrap_15, Seahorse_16, Sedgewig_14, Shee_14, Shukran_15, Sinatra_14, SirVictor_14, SoilGremlin_14, SolidSnake_14, SonDevVon_14, SpicyFrank_15, Sporco_16, Stanktossa_14, StingRay_14, StirfryIV_14, Symere_14, TatarkaPM_14, Teagan_14, TeddyBear_14, Tenda_14, ThayneTheZag_15, Theresita_14, Tiff81_16, TinSulphur_14, Vopal_16, Windest_16, Winzigespinne_14, YoungHarleezy_15, Zada_14,

Summary by start number:

Start 29:

- Found in 1 of 282 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 248
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Garey24_14 (EA1),

Start 30:

- Found in 87 of 282 (30.9%) of genes in pham
- Manual Annotations of this start: 82 of 248
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AranulaLuti_14 (EA1), Asta_14 (EA1), Aubergine_14 (EA1), Bandik_14 (EA1), BeautPeep30_14 (EA1), Benjalauren_14 (EA1), Bonino_14 (EA1), BouleyBill_14 (EA4), Bustleton_14 (EA4), Byron23_14 (EA1), Chako_14 (EA1), Christoph_14 (EA1), Clancy_14 (EA1), CoraRita_14 (EA1), Delphidian_14 (EA1), Dothraki_14 (EA1), Duocatuli_14 (EA1), Espinosa_14 (EA1), Exploradora_14 (EA1), Gargoyle_14 (EA1), Gershwin_14 (EA1), Golden_14 (EA4), Gubbabump_14 (EA1), Guetzie_14 (EA4), HanSolo_14 (EA1), HankSprout_15 (EA1), HungryHenry_14 (EA1), Ilzat_14 (EA1), Inventa_14 (EA1), Janus167_14 (EA1), JasperRussell_14 (EA1), Jerbirus_14 (EA1), JeriBeth_14 (EA1), Jingles_14 (EA4), Kale_14 (EA1), KannH_14 (EA1), Kauala_14 (EA4), KellyGreen_14 (EA1), Koji_14 (EA4), Kouch_14 (EA1), Kurt1_14 (EA1), Lucky3_14 (EA4), Ludgate_14 (EA1),

MaeLinda_14 (EA1), ManRay_14 (EA1), Martin_15 (EA1), Merida02_14 (EA1), MillyPhilly_14 (EA1), MrWorldwide_14 (EA1), Nagem_14 (EA1), NickSell_14 (EA1), Oats_14 (EA1), OldNelly_14 (EA1), Papafritta_14 (EA1), ParleG_14 (EA1), Pherbot_14 (EA4), Pherferi_14 (EA1), Phiderman_14 (EA1), Phireproof_14 (EA1), PhredFlintston_14 (EA1), Phriends_14 (EA1), Pocket_14 (EA1), PrincePhergus_14 (EA4), Rapheph_14 (EA1), RenegadeRaider_14 (EA4), Riyhil_14 (EA1), Rog141_14 (EA1), RosieMae_14 (EA1), SJay_14 (EA1), Sedgewig_14 (EA1), Shee_14 (EA1), Sinatra_14 (EA4), SirVictor_14 (EA4), SoilGremlin_14 (EA1), SolidSnake_14 (EA1), Stanktossa_14 (EA1), StingRay_14 (EA1), StirfryIV_14 (EA1), Symere_14 (EA1), TatarkaPM_14 (EA1), Teagan_14 (EA1), TeddyBear_14 (EA1), Tenda_14 (EA1), Theresita_14 (EA7), TinSulphur_14 (EA1), Winzigespinne_14 (EA1), Zada_14 (EA1),

Start 31:

- Found in 125 of 282 (44.3%) of genes in pham
- Manual Annotations of this start: 116 of 248
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Acosta_15 (EA1), Agente005_15 (EA1), Alakazam_16 (EA5), AlexAdler_14 (EA1), Alyxandracam_14 (EA1), Andromedas_13 (EA2), Anilorac_14 (EA1), Antoinette_14 (EA1), AxiPup_14 (EA1), Baines_14 (EA1), Balsa_14 (EA1), BaronJohn_15 (EA5), BeeBee8_15 (EA1), BigRedClifford_14 (EA1), Blage_14 (EA1), BonesMcCoy_14 (EA1), Calix_14 (EA1), CaptainRex_15 (EA5), CarisSwetlik_16 (EA1), Carostasia_13 (EA10), Casey_13 (EA3), Chamuel_14 (EA1), Chepli_15 (EA6), ChickenKing_14 (EA9), ChikPic_13 (EA2), Clock_15 (EA5), ColaCorta_13 (EA2), Convict_14 (EA1), Dave_14 (EA1), Den3_14 (EA1), Eleri_13 (EA2), Endor_15 (EA1), Erla_14 (EA1), Etna_14 (EA1), Etta_14 (EA1), FarmerDoug_14 (EA1), Figueroism_14 (EA1), Finny_13 (EA2), Fulton_15 (EA5), GaeCeo_15 (EA9), GardenB_14 (EA1), Gelo_14 (EA1), Glamour_12 (EA2), GoingMerry_14 (EA1), GoneGirl_15 (EA1), Greenlvy_15 (EA5), Greys_14 (EA1), HairyMan_12 (EA10), Hamlet_14 (EA1), Hasitha_15 (EA5), HavenFinLeoSun_15 (EA1), HerculesXL_15 (EA11), Ioannes_14 (EA1), Ixel_14 (EA11), JasonD_16 (EA1), Jemerald_15 (EA6), Jenos_16 (EA1), Juanyo_13 (EA10), Juicer_15 (EA6), KatChan_15 (EA6), Kavov_14 (EA11), KingJulien_14 (EA1), Klimt_14 (EA1), Knox_14 (EA1), Leafus_14 (EA1), Librie_15 (EA5), LilTerminator_15 (EA5), Lovelyunicorn_14 (EA1), Luna18_15 (EA6), MCubed_13 (EA2), Mandalorian_13 (EA10), McGalleon_15 (EA1), Mercedes_14 (EA), MiniVolent_13 (EA10), MonChoix_13 (EA1), Morrigan_15 (EA6), Nattles_14 (EA1), Nebulous_15 (EA5), Neferthena_15 (EA5), Nucci_13 (EA10), Oxtober96_14 (EA1), PSirce_13 (EA2), Pajaza_13 (EA3), Peep_14 (EA1), Penta_14 (EA11), Peppino_14 (EA1), Phanita_13 (EA2), PhillyPhantom_14 (EA1), Pikmin_13 (EA3), PuppyEggo_14 (EA1), QuadZero_15 (EA5), Quartz_13 (EA10), Raccoon_14 (EA1), Raptor_14 (EA1), Redfield_14 (EA1), Renzie_14 (EA1), Robinson_14 (EA1), Sansa_12 (EA2), Saratos_13 (EA2), Schimmels22_15 (EA11), Schnapsidee_14 (EA1), Schubert_14 (EA8), Scissor2024_15 (EA11), ShaiHulud_14 (EA1), Shamu_13 (EA2), SonOfLevi_14 (EA1), Soror1_14 (EA1), Stormbreaker8_14 (EA1), Strathdee_14 (EA1), Superfresh_14 (EA1), Thompsone_14 (EA1), Thorongil_14 (EA1), Tinyman4_15 (EA11), TwoBits_15 (EA5), Velene_14 (EA1), Vispistious_14 (EA1), Wardwill_17 (EA5), WestPM_14 (EA11), WildNOut_14 (EA1), WilliamStrong_13 (EA6), Xebius_12 (EA2), YuyuY_13 (EA10), Zayuliv_15 (EA5), Zenitsu_13 (EA2), Zepp_16 (EA5),

Start 32:

- Found in 1 of 282 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 248
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Footloose_12 (singleton),

Start 34:

- Found in 68 of 282 (24.1%) of genes in pham
- Manual Annotations of this start: 48 of 248
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AdaS_15 (AY), Aikyam_15 (AY), Anekin_14 (AY), Auxilium_15 (AY), BasketStar_15 (AY), BenchScraper_15 (AY), Bhageatrice_17 (AY), BillyTP_15 (AY), BlueShadow_15 (AY), Bridgette_14 (FA), ChuckDuck_14 (FA), Constance_14 (FA), CookieBear_15 (AY), CosmicBrownie_15 (AY), Crescenzo_15 (AY), DarwinJr_18 (AY), Ding_15 (AY), Eileen_14 (FA), FosterFrank_14 (FA), Globfish_15 (AY), GlobiWarming_14 (FA), Gorpy_15 (AY), GumGum_15 (AY), Henrique_14 (FA), Hestia_15 (AY), Hillester_15 (AY), HotPotato_14 (FA), Isolde_16 (AY), JakeTheSnake_15 (AY), JellyBread_15 (AY), Judy_14 (FA), Kabloowy_15 (AY), Karkharias_14 (FA), KayMoney_14 (FA), Lasker_15 (AY), Lawnathon_15 (AY), LeBruni_15 (AY), LilyBell_14 (FA), LittleRon_14 (FA), MUWow_14 (AY), Mapleville_14 (AY), MaterMagnus_15 (AY), MidnightRain_15 (AY), MurphyJoseph_15 (AY), NewKitty_16 (AY), NidoQ_14 (FA), NikkiHotWheels_14 (FA), Nyilah_14 (AY), Peas_14 (FA), PeggyLeg03_14 (FA), Persistence_14 (AY), Phrank15_14 (AY), Pucara_14 (FA), RadFad_15 (AY), Raphaella_15 (AY), Richie_15 (AY), Sakai_15 (AY), Satrap_15 (AY), Seahorse_16 (AY), Shukran_15 (AY), SonDevVon_14 (AY), SpicyFrank_15 (AY), Sporco_16 (AY), ThayneTheZag_15 (AY), Tiff81_16 (AY), Vopal_16 (AY), Windest_16 (AY), YoungHarleezy_15 (AY),

Summary by clusters:

There are 15 clusters represented in this pham: singleton, EA11, EA10, EA8, EA, EA9, FA, AY, EA1, EA3, EA2, EA5, EA4, EA7, EA6,

Info for manual annotations of cluster AY:

- Start number 34 was manually annotated 35 times for cluster AY.

Info for manual annotations of cluster EA:

- Start number 31 was manually annotated 1 time for cluster EA.

Info for manual annotations of cluster EA1:

- Start number 29 was manually annotated 1 time for cluster EA1.
- Start number 30 was manually annotated 69 times for cluster EA1.
- Start number 31 was manually annotated 61 times for cluster EA1.

Info for manual annotations of cluster EA10:

- Start number 31 was manually annotated 7 times for cluster EA10.

Info for manual annotations of cluster EA11:

- Start number 31 was manually annotated 5 times for cluster EA11.

Info for manual annotations of cluster EA2:

- Start number 31 was manually annotated 13 times for cluster EA2.

Info for manual annotations of cluster EA3:

- Start number 31 was manually annotated 3 times for cluster EA3.

Info for manual annotations of cluster EA4:

- Start number 30 was manually annotated 12 times for cluster EA4.

Info for manual annotations of cluster EA5:

- Start number 31 was manually annotated 16 times for cluster EA5.

Info for manual annotations of cluster EA6:

- Start number 31 was manually annotated 7 times for cluster EA6.

Info for manual annotations of cluster EA7:

- Start number 30 was manually annotated 1 time for cluster EA7.

Info for manual annotations of cluster EA8:

- Start number 31 was manually annotated 1 time for cluster EA8.

Info for manual annotations of cluster EA9:

- Start number 31 was manually annotated 2 times for cluster EA9.

Info for manual annotations of cluster FA:

- Start number 34 was manually annotated 13 times for cluster FA.

Gene Information:

Gene: Acosta_15 Start: 8118, Stop: 8615, Start Num: 31

Candidate Starts for Acosta_15:

(8, 7662), (10, 7698), (11, 7710), (14, 7749), (15, 7761), (17, 7809), (Start: 31 @8118 has 116 MA's), (38, 8178), (49, 8262), (63, 8424), (68, 8475), (78, 8565), (79, 8571), (84, 8595),

Gene: AdaS_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for AdaS_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: Agente005_15 Start: 8414, Stop: 8911, Start Num: 31

Candidate Starts for Agente005_15:

(Start: 31 @8414 has 116 MA's), (38, 8474), (49, 8558), (63, 8720), (78, 8861), (79, 8867),

Gene: Aikyam_15 Start: 9047, Stop: 9562, Start Num: 34

Candidate Starts for Aikyam_15:

(Start: 34 @9047 has 48 MA's), (46, 9158), (66, 9377), (70, 9428), (71, 9434), (77, 9488), (83, 9533),

Gene: Alakazam_16 Start: 9156, Stop: 9650, Start Num: 31

Candidate Starts for Alakazam_16:

(Start: 31 @9156 has 116 MA's), (35, 9204), (55, 9390), (59, 9438), (67, 9489), (70, 9525), (72, 9540), (76, 9579), (79, 9609),

Gene: AlexAdler_14 Start: 7845, Stop: 8342, Start Num: 31

Candidate Starts for AlexAdler_14:

(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (64, 8154), (69, 8211), (78, 8292), (79, 8298),

Gene: Alyxandracam_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Alyxandracam_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (64, 8163), (69, 8220), (78, 8301), (79, 8307),

Gene: Andromedas_13 Start: 7926, Stop: 8420, Start Num: 31

Candidate Starts for Andromedas_13:

(Start: 31 @7926 has 116 MA's), (35, 7974), (38, 7986), (49, 8070), (55, 8160), (63, 8232), (64, 8235), (65, 8241), (70, 8295),

Gene: Anekin_14 Start: 9162, Stop: 9671, Start Num: 34

Candidate Starts for Anekin_14:

(Start: 34 @9162 has 48 MA's), (52, 9318), (60, 9468), (66, 9492), (83, 9648),

Gene: Anilorac_14 Start: 8259, Stop: 8756, Start Num: 31

Candidate Starts for Anilorac_14:

(Start: 31 @8259 has 116 MA's), (38, 8319), (49, 8403), (63, 8565), (78, 8706), (79, 8712),

Gene: Antoinette_14 Start: 7845, Stop: 8342, Start Num: 31

Candidate Starts for Antoinette_14:

(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (64, 8154), (69, 8211), (78, 8292), (79, 8298),

Gene: AranulaLuti_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for AranulaLuti_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Asta_14 Start: 8158, Stop: 8658, Start Num: 30

Candidate Starts for Asta_14:

(Start: 30 @8158 has 82 MA's), (38, 8221), (39, 8230), (49, 8305), (78, 8608), (79, 8614),

Gene: Aubergine_14 Start: 8158, Stop: 8658, Start Num: 30

Candidate Starts for Aubergine_14:

(Start: 30 @8158 has 82 MA's), (38, 8221), (39, 8230), (49, 8305), (78, 8608), (79, 8614),

Gene: Auxilium_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for Auxilium_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: AxiPup_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for AxiPup_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Baines_14 Start: 8144, Stop: 8641, Start Num: 31

Candidate Starts for Baines_14:

(Start: 31 @8144 has 116 MA's), (38, 8204), (49, 8288), (64, 8453), (69, 8510), (78, 8591), (79, 8597),

Gene: Balsa_14 Start: 8265, Stop: 8762, Start Num: 31

Candidate Starts for Balsa_14:

(8, 7800), (10, 7836), (Start: 31 @8265 has 116 MA's), (38, 8325), (49, 8409), (63, 8571), (71, 8640), (78, 8712), (79, 8718),

Gene: Bandik_14 Start: 7849, Stop: 8349, Start Num: 30

Candidate Starts for Bandik_14:

(Start: 30 @7849 has 82 MA's), (38, 7912), (39, 7921), (49, 7996), (78, 8299), (79, 8305),

Gene: BaronJohn_15 Start: 8367, Stop: 8861, Start Num: 31

Candidate Starts for BaronJohn_15:

(Start: 31 @8367 has 116 MA's), (35, 8415), (55, 8601), (59, 8649), (67, 8700), (76, 8790),

Gene: BasketStar_15 Start: 9100, Stop: 9615, Start Num: 34

Candidate Starts for BasketStar_15:

(Start: 34 @9100 has 48 MA's), (46, 9211), (66, 9430), (70, 9481), (71, 9487), (77, 9541), (83, 9586),

Gene: BeautPeep30_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for BeautPeep30_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: BeeBee8_15 Start: 8428, Stop: 8925, Start Num: 31

Candidate Starts for BeeBee8_15:

(8, 7963), (10, 7999), (Start: 31 @8428 has 116 MA's), (38, 8488), (49, 8572), (63, 8734), (71, 8803), (78, 8875), (79, 8881),

Gene: BenchScraper_15 Start: 9061, Stop: 9576, Start Num: 34

Candidate Starts for BenchScraper_15:

(Start: 34 @9061 has 48 MA's), (46, 9172), (66, 9391), (70, 9442), (71, 9448), (77, 9502), (83, 9547),

Gene: Benjalauren_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Benjalauren_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Bhageatrice_17 Start: 10257, Stop: 10766, Start Num: 34

Candidate Starts for Bhageatrice_17:

(Start: 34 @10257 has 48 MA's), (45, 10365), (46, 10368), (57, 10497), (60, 10563), (70, 10638), (71, 10644), (74, 10677),

Gene: BigRedClifford_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for BigRedClifford_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: BillyTP_15 Start: 9052, Stop: 9567, Start Num: 34

Candidate Starts for BillyTP_15:

(Start: 34 @9052 has 48 MA's), (46, 9163), (60, 9358), (70, 9433), (71, 9439), (77, 9493), (83, 9538),

Gene: Blage_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Blage_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: BlueShadow_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for BlueShadow_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: BonesMcCoy_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for BonesMcCoy_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Bonino_14 Start: 8135, Stop: 8635, Start Num: 30

Candidate Starts for Bonino_14:

(Start: 30 @8135 has 82 MA's), (38, 8198), (39, 8207), (49, 8282), (78, 8585), (79, 8591),

Gene: BouleyBill_14 Start: 8111, Stop: 8611, Start Num: 30

Candidate Starts for BouleyBill_14:

(Start: 30 @8111 has 82 MA's), (46, 8237), (49, 8258), (70, 8483), (82, 8582),

Gene: Bridgette_14 Start: 9212, Stop: 9727, Start Num: 34

Candidate Starts for Bridgette_14:

(Start: 34 @9212 has 48 MA's), (45, 9320), (46, 9323), (60, 9518), (66, 9542), (70, 9593), (71, 9599), (77, 9653), (83, 9698),

Gene: Bustleton_14 Start: 8099, Stop: 8599, Start Num: 30

Candidate Starts for Bustleton_14:

(Start: 30 @8099 has 82 MA's), (38, 8162), (49, 8246), (70, 8471), (82, 8570),

Gene: Byron23_14 Start: 7858, Stop: 8358, Start Num: 30

Candidate Starts for Byron23_14:

(Start: 30 @7858 has 82 MA's), (38, 7921), (39, 7930), (49, 8005), (78, 8308), (79, 8314),

Gene: Calix_14 Start: 8137, Stop: 8634, Start Num: 31

Candidate Starts for Calix_14:

(Start: 31 @8137 has 116 MA's), (38, 8197), (49, 8281), (64, 8446), (69, 8503), (78, 8584), (79, 8590),

Gene: CaptainRex_15 Start: 8370, Stop: 8864, Start Num: 31

Candidate Starts for CaptainRex_15:

(4, 7797), (5, 7821), (6, 7839), (7, 7872), (8, 7911), (12, 7971), (Start: 31 @8370 has 116 MA's), (35, 8418), (55, 8604), (59, 8652), (67, 8703), (76, 8793),

Gene: CarisSwetlik_16 Start: 8615, Stop: 9112, Start Num: 31

Candidate Starts for CarisSwetlik_16:

(10, 8189), (13, 8222), (15, 8252), (16, 8264), (Start: 31 @8615 has 116 MA's), (38, 8675), (49, 8759), (63, 8921), (78, 9062), (79, 9068), (84, 9092),

Gene: Carostasia_13 Start: 8119, Stop: 8613, Start Num: 31

Candidate Starts for Carostasia_13:

(23, 8008), (25, 8020), (Start: 31 @8119 has 116 MA's), (35, 8167), (38, 8179), (49, 8263), (55, 8353), (56, 8365), (63, 8425), (67, 8452),

Gene: Casey_13 Start: 8136, Stop: 8636, Start Num: 31

Candidate Starts for Casey_13:

(Start: 31 @8136 has 116 MA's), (61, 8433), (84, 8613),

Gene: Chako_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Chako_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Chamuel_14 Start: 8139, Stop: 8636, Start Num: 31

Candidate Starts for Chamuel_14:

(Start: 31 @8139 has 116 MA's), (38, 8199), (49, 8283), (64, 8448), (69, 8505), (78, 8586), (79, 8592),

Gene: Chepli_15 Start: 8369, Stop: 8863, Start Num: 31

Candidate Starts for Chepli_15:

(Start: 31 @8369 has 116 MA's), (38, 8429), (49, 8513), (55, 8603), (72, 8753), (79, 8822), (84, 8846),

Gene: ChickenKing_14 Start: 7823, Stop: 8320, Start Num: 31

Candidate Starts for ChickenKing_14:

(27, 7751), (Start: 31 @7823 has 116 MA's), (38, 7886), (64, 8135), (68, 8183),

Gene: ChikPic_13 Start: 7942, Stop: 8436, Start Num: 31

Candidate Starts for ChikPic_13:

(Start: 31 @7942 has 116 MA's), (35, 7990), (38, 8002), (49, 8086), (55, 8176), (63, 8248), (64, 8251), (65, 8257), (70, 8311),

Gene: Christoph_14 Start: 8156, Stop: 8656, Start Num: 30

Candidate Starts for Christoph_14:

(Start: 30 @8156 has 82 MA's), (38, 8219), (39, 8228), (49, 8303), (78, 8606), (79, 8612),

Gene: ChuckDuck_14 Start: 9168, Stop: 9683, Start Num: 34

Candidate Starts for ChuckDuck_14:

(Start: 34 @9168 has 48 MA's), (46, 9279), (57, 9408), (66, 9498), (70, 9549), (71, 9555), (77, 9609), (83, 9654),

Gene: Clancy_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Clancy_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Clock_15 Start: 9104, Stop: 9598, Start Num: 31

Candidate Starts for Clock_15:

(Start: 31 @9104 has 116 MA's), (35, 9152), (40, 9176), (49, 9248), (55, 9338), (59, 9386), (67, 9437), (70, 9473), (75, 9512), (76, 9527), (79, 9557), (84, 9581),

Gene: ColaCorta_13 Start: 7926, Stop: 8420, Start Num: 31

Candidate Starts for ColaCorta_13:

(Start: 31 @7926 has 116 MA's), (35, 7974), (38, 7986), (49, 8070), (55, 8160), (63, 8232), (64, 8235), (65, 8241), (70, 8295),

Gene: Constance_14 Start: 9215, Stop: 9730, Start Num: 34

Candidate Starts for Constance_14:

(Start: 34 @9215 has 48 MA's), (45, 9323), (46, 9326), (60, 9521), (66, 9545), (70, 9596), (71, 9602), (77, 9656), (83, 9701),

Gene: Convict_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Convict_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: CookieBear_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for CookieBear_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: CoraRita_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for CoraRita_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: CosmicBrownie_15 Start: 9133, Stop: 9648, Start Num: 34

Candidate Starts for CosmicBrownie_15:

(Start: 34 @9133 has 48 MA's), (46, 9244), (66, 9463), (70, 9514), (77, 9574), (83, 9619),

Gene: Crescenzo_15 Start: 9090, Stop: 9599, Start Num: 34

Candidate Starts for Crescenzo_15:

(Start: 34 @9090 has 48 MA's), (52, 9246), (60, 9396), (66, 9420), (83, 9576),

Gene: DarwinJr_18 Start: 10394, Stop: 10903, Start Num: 34

Candidate Starts for DarwinJr_18:

(Start: 34 @10394 has 48 MA's), (52, 10550), (60, 10700), (66, 10724), (83, 10880),

Gene: Dave_14 Start: 7845, Stop: 8342, Start Num: 31

Candidate Starts for Dave_14:

(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (64, 8154), (69, 8211), (78, 8292), (79, 8298),

Gene: Delphidian_14 Start: 7852, Stop: 8352, Start Num: 30

Candidate Starts for Delphidian_14:

(Start: 30 @7852 has 82 MA's), (38, 7915), (39, 7924), (49, 7999), (78, 8302), (79, 8308),

Gene: Den3_14 Start: 7858, Stop: 8355, Start Num: 31

Candidate Starts for Den3_14:

(Start: 31 @7858 has 116 MA's), (38, 7918), (49, 8002), (69, 8224), (78, 8305), (79, 8311),

Gene: Ding_15 Start: 9021, Stop: 9530, Start Num: 34

Candidate Starts for Ding_15:

(Start: 34 @9021 has 48 MA's), (47, 9138), (66, 9351), (70, 9402), (77, 9462),

Gene: Dothraki_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Dothraki_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Duocatuli_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Duocatuli_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Eileen_14 Start: 9176, Stop: 9691, Start Num: 34

Candidate Starts for Eileen_14:

(Start: 34 @9176 has 48 MA's), (46, 9287), (60, 9482), (66, 9506), (70, 9557), (71, 9563), (77, 9617), (83, 9662),

Gene: Eleri_13 Start: 7939, Stop: 8433, Start Num: 31

Candidate Starts for Eleri_13:

(Start: 31 @7939 has 116 MA's), (35, 7987), (38, 7999), (49, 8083), (55, 8173), (63, 8245), (64, 8248), (65, 8254), (70, 8308),

Gene: Endor_15 Start: 8399, Stop: 8893, Start Num: 31

Candidate Starts for Endor_15:

(Start: 31 @8399 has 116 MA's), (38, 8459), (49, 8543), (64, 8708), (65, 8714), (71, 8774), (78, 8846), (79, 8852),

Gene: Erla_14 Start: 8137, Stop: 8634, Start Num: 31

Candidate Starts for Erla_14:

(Start: 31 @8137 has 116 MA's), (38, 8197), (49, 8281), (64, 8446), (69, 8503), (78, 8584), (79, 8590),

Gene: Espinosa_14 Start: 8156, Stop: 8656, Start Num: 30

Candidate Starts for Espinosa_14:

(Start: 30 @8156 has 82 MA's), (38, 8219), (39, 8228), (49, 8303), (78, 8606), (79, 8612),

Gene: Etna_14 Start: 8256, Stop: 8753, Start Num: 31

Candidate Starts for Etna_14:

(8, 7791), (10, 7827), (Start: 31 @8256 has 116 MA's), (38, 8316), (49, 8400), (63, 8562), (71, 8631), (78, 8703), (79, 8709),

Gene: Etta_14 Start: 8141, Stop: 8638, Start Num: 31

Candidate Starts for Etta_14:

(Start: 31 @8141 has 116 MA's), (38, 8201), (49, 8285), (64, 8450), (69, 8507), (78, 8588), (79, 8594),

Gene: Exploradora_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Exploradora_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: FarmerDoug_14 Start: 7976, Stop: 8473, Start Num: 31

Candidate Starts for FarmerDoug_14:

(8, 7520), (Start: 31 @7976 has 116 MA's), (38, 8036), (49, 8120), (70, 8345), (78, 8423), (79, 8429),

Gene: Figueroism_14 Start: 7845, Stop: 8339, Start Num: 31

Candidate Starts for Figueroism_14:

(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (69, 8211), (78, 8292), (79, 8298),

Gene: Finny_13 Start: 7926, Stop: 8420, Start Num: 31

Candidate Starts for Finny_13:

(Start: 31 @7926 has 116 MA's), (35, 7974), (38, 7986), (49, 8070), (55, 8160), (63, 8232), (64, 8235), (65, 8241),

Gene: Footloose_12 Start: 7732, Stop: 8235, Start Num: 32

Candidate Starts for Footloose_12:

(28, 7714), (Start: 32 @7732 has 1 MA's), (44, 7834), (46, 7849), (50, 7870), (51, 7873), (53, 7933), (54, 7963), (57, 7981), (58, 7990), (66, 8056), (71, 8113), (73, 8134), (78, 8188), (79, 8194), (81, 8206),

Gene: FosterFrank_14 Start: 9173, Stop: 9688, Start Num: 34

Candidate Starts for FosterFrank_14:

(Start: 34 @9173 has 48 MA's), (45, 9281), (46, 9284), (60, 9479), (66, 9503), (70, 9554), (71, 9560), (77, 9614), (83, 9659),

Gene: Fulton_15 Start: 8352, Stop: 8846, Start Num: 31

Candidate Starts for Fulton_15:

(4, 7779), (5, 7803), (6, 7821), (7, 7854), (8, 7893), (12, 7953), (Start: 31 @8352 has 116 MA's), (35, 8400), (55, 8586), (59, 8634), (67, 8685), (76, 8775),

Gene: GaeCeo_15 Start: 7993, Stop: 8490, Start Num: 31

Candidate Starts for GaeCeo_15:

(27, 7921), (Start: 31 @7993 has 116 MA's), (38, 8056), (64, 8305), (68, 8353),

Gene: GardenB_14 Start: 8252, Stop: 8749, Start Num: 31

Candidate Starts for GardenB_14:

(22, 8129), (24, 8147), (Start: 31 @8252 has 116 MA's), (38, 8312), (49, 8396), (63, 8558), (71, 8627), (78, 8699), (79, 8705), (84, 8729),

Gene: Garey24_14 Start: 8117, Stop: 8614, Start Num: 29

Candidate Starts for Garey24_14:

(Start: 29 @8117 has 1 MA's), (38, 8177), (49, 8261), (78, 8564), (79, 8570),

Gene: Gargoyle_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Gargoyle_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Gelo_14 Start: 8141, Stop: 8638, Start Num: 31

Candidate Starts for Gelo_14:

(Start: 31 @8141 has 116 MA's), (38, 8201), (49, 8285), (64, 8450), (69, 8507), (78, 8588), (79, 8594),

Gene: Gershwin_14 Start: 8158, Stop: 8658, Start Num: 30

Candidate Starts for Gershwin_14:

(Start: 30 @8158 has 82 MA's), (38, 8221), (39, 8230), (49, 8305), (78, 8608), (79, 8614),

Gene: Glamour_12 Start: 7927, Stop: 8421, Start Num: 31

Candidate Starts for Glamour_12:

(Start: 31 @7927 has 116 MA's), (35, 7975), (38, 7987), (49, 8071), (55, 8161), (63, 8233), (64, 8236), (65, 8242), (70, 8296),

Gene: Globfish_15 Start: 9110, Stop: 9625, Start Num: 34

Candidate Starts for Globfish_15:

(Start: 34 @9110 has 48 MA's), (43, 9194), (46, 9221), (60, 9416), (62, 9425), (71, 9497), (74, 9530), (83, 9596),

Gene: GlobiWarming_14 Start: 9169, Stop: 9684, Start Num: 34

Candidate Starts for GlobiWarming_14:

(Start: 34 @9169 has 48 MA's), (45, 9277), (46, 9280), (60, 9475), (66, 9499), (70, 9550), (71, 9556), (77, 9610), (83, 9655),

Gene: GoingMerry_14 Start: 7867, Stop: 8364, Start Num: 31

Candidate Starts for GoingMerry_14:

(Start: 31 @7867 has 116 MA's), (38, 7927), (49, 8011), (69, 8233), (78, 8314), (79, 8320),

Gene: Golden_14 Start: 8183, Stop: 8680, Start Num: 30

Candidate Starts for Golden_14:

(Start: 30 @8183 has 82 MA's), (40, 8255), (42, 8276), (49, 8327), (64, 8492), (82, 8651),

Gene: GoneGirl_15 Start: 8358, Stop: 8855, Start Num: 31

Candidate Starts for GoneGirl_15:

(22, 8235), (24, 8253), (Start: 31 @8358 has 116 MA's), (38, 8418), (49, 8502), (63, 8664), (71, 8733), (78, 8805), (79, 8811), (84, 8835),

Gene: Gorpy_15 Start: 9055, Stop: 9570, Start Num: 34

Candidate Starts for Gorpy_15:

(Start: 34 @9055 has 48 MA's), (46, 9166), (66, 9385), (70, 9436), (71, 9442), (77, 9496), (83, 9541),

Gene: Greenlvy_15 Start: 8369, Stop: 8863, Start Num: 31

Candidate Starts for Greenlvy_15:

(Start: 31 @8369 has 116 MA's), (35, 8417), (55, 8603), (59, 8651), (67, 8702), (76, 8792),

Gene: Greys_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Greys_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Gubbabump_14 Start: 8147, Stop: 8647, Start Num: 30
Candidate Starts for Gubbabump_14:
(Start: 30 @8147 has 82 MA's), (38, 8210), (39, 8219), (49, 8294), (78, 8597), (79, 8603),

Gene: Guetzie_14 Start: 8177, Stop: 8674, Start Num: 30
Candidate Starts for Guetzie_14:
(Start: 30 @8177 has 82 MA's), (40, 8249), (42, 8270), (49, 8321), (64, 8486), (82, 8645),

Gene: GumGum_15 Start: 9124, Stop: 9639, Start Num: 34
Candidate Starts for GumGum_15:
(Start: 34 @9124 has 48 MA's), (46, 9235), (66, 9454), (70, 9505), (77, 9565), (83, 9610),

Gene: HairyMan_12 Start: 7666, Stop: 8160, Start Num: 31
Candidate Starts for HairyMan_12:
(Start: 31 @7666 has 116 MA's), (49, 7810), (55, 7900), (64, 7975), (84, 8143),

Gene: Hamlet_14 Start: 8265, Stop: 8762, Start Num: 31
Candidate Starts for Hamlet_14:
(8, 7800), (10, 7836), (Start: 31 @8265 has 116 MA's), (38, 8325), (49, 8409), (63, 8571), (71, 8640),
(78, 8712), (79, 8718),

Gene: HanSolo_14 Start: 8145, Stop: 8645, Start Num: 30
Candidate Starts for HanSolo_14:
(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: HankSprout_15 Start: 8025, Stop: 8525, Start Num: 30
Candidate Starts for HankSprout_15:
(Start: 30 @8025 has 82 MA's), (38, 8088), (39, 8097), (49, 8172), (78, 8475), (79, 8481),

Gene: Hasitha_15 Start: 8370, Stop: 8864, Start Num: 31
Candidate Starts for Hasitha_15:
(4, 7797), (5, 7821), (6, 7839), (7, 7872), (8, 7911), (12, 7971), (Start: 31 @8370 has 116 MA's), (35, 8418), (55, 8604), (59, 8652), (67, 8703), (76, 8793),

Gene: HavenFinLeoSun_15 Start: 8095, Stop: 8592, Start Num: 31
Candidate Starts for HavenFinLeoSun_15:
(Start: 31 @8095 has 116 MA's), (38, 8155), (49, 8239), (63, 8401), (68, 8452), (78, 8542), (79, 8548),
(84, 8572),

Gene: Henrique_14 Start: 9173, Stop: 9688, Start Num: 34
Candidate Starts for Henrique_14:
(Start: 34 @9173 has 48 MA's), (45, 9281), (46, 9284), (60, 9479), (66, 9503), (70, 9554), (71, 9560),
(77, 9614), (83, 9659),

Gene: HerculesXL_15 Start: 8449, Stop: 8949, Start Num: 31
Candidate Starts for HerculesXL_15:
(Start: 31 @8449 has 116 MA's), (35, 8500), (38, 8512), (49, 8596), (55, 8686), (59, 8734), (67, 8785),
(70, 8821), (71, 8827), (72, 8836), (79, 8905),

Gene: Hestia_15 Start: 9159, Stop: 9668, Start Num: 34
Candidate Starts for Hestia_15:
(Start: 34 @9159 has 48 MA's), (45, 9267), (46, 9270), (48, 9288), (57, 9399), (60, 9465), (70, 9540),
(71, 9546), (74, 9579),

Gene: Hillester_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for Hillester_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: HotPotato_14 Start: 9177, Stop: 9692, Start Num: 34

Candidate Starts for HotPotato_14:

(Start: 34 @9177 has 48 MA's), (45, 9285), (46, 9288), (60, 9483), (66, 9507), (70, 9558), (71, 9564), (77, 9618), (83, 9663),

Gene: HungryHenry_14 Start: 8146, Stop: 8646, Start Num: 30

Candidate Starts for HungryHenry_14:

(Start: 30 @8146 has 82 MA's), (38, 8209), (39, 8218), (49, 8293), (78, 8596), (79, 8602),

Gene: Ilzat_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Ilzat_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Inventa_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Inventa_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: loannes_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for loannes_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Isolde_16 Start: 9117, Stop: 9626, Start Num: 34

Candidate Starts for Isolde_16:

(Start: 34 @9117 has 48 MA's), (37, 9162), (52, 9273), (65, 9444), (66, 9447), (77, 9558),

Gene: Ixel_14 Start: 8024, Stop: 8521, Start Num: 31

Candidate Starts for Ixel_14:

(Start: 31 @8024 has 116 MA's), (36, 8081), (49, 8171), (55, 8261), (59, 8309), (69, 8393), (70, 8396), (72, 8411),

Gene: JakeTheSnake_15 Start: 9052, Stop: 9561, Start Num: 34

Candidate Starts for JakeTheSnake_15:

(Start: 34 @9052 has 48 MA's), (52, 9208), (66, 9382),

Gene: Janus167_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Janus167_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: JasonD_16 Start: 8279, Stop: 8776, Start Num: 31

Candidate Starts for JasonD_16:

(Start: 31 @8279 has 116 MA's), (38, 8339), (49, 8423), (63, 8585), (78, 8726), (79, 8732), (84, 8756),

Gene: JasperRussell_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for JasperRussell_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: JellyBread_15 Start: 9039, Stop: 9554, Start Num: 34

Candidate Starts for JellyBread_15:

(Start: 34 @9039 has 48 MA's), (46, 9150), (66, 9369), (70, 9420), (71, 9426), (77, 9480), (83, 9525),

Gene: Jemerald_15 Start: 9302, Stop: 9796, Start Num: 31

Candidate Starts for Jemerald_15:

(19, 9161), (20, 9185), (Start: 31 @9302 has 116 MA's), (40, 9374), (55, 9536), (63, 9608), (65, 9617), (79, 9755), (84, 9779),

Gene: Jenos_16 Start: 8606, Stop: 9103, Start Num: 31

Candidate Starts for Jenos_16:

(13, 8213), (15, 8243), (16, 8255), (Start: 31 @8606 has 116 MA's), (38, 8666), (49, 8750), (63, 8912), (78, 9053), (79, 9059), (84, 9083),

Gene: Jerbirus_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Jerbirus_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: JeriBeth_14 Start: 7992, Stop: 8492, Start Num: 30

Candidate Starts for JeriBeth_14:

(Start: 30 @7992 has 82 MA's), (38, 8055), (39, 8064), (49, 8139), (78, 8442), (79, 8448),

Gene: Jingles_14 Start: 8113, Stop: 8610, Start Num: 30

Candidate Starts for Jingles_14:

(Start: 30 @8113 has 82 MA's), (38, 8176), (49, 8260), (70, 8485), (82, 8584),

Gene: Juanyo_13 Start: 8083, Stop: 8580, Start Num: 31

Candidate Starts for Juanyo_13:

(Start: 31 @8083 has 116 MA's), (35, 8131), (38, 8143), (42, 8176), (49, 8227), (55, 8317), (56, 8329), (63, 8389), (71, 8458),

Gene: Judy_14 Start: 9214, Stop: 9729, Start Num: 34

Candidate Starts for Judy_14:

(Start: 34 @9214 has 48 MA's), (45, 9322), (46, 9325), (60, 9520), (66, 9544), (70, 9595), (71, 9601), (77, 9655), (83, 9700),

Gene: Juicer_15 Start: 9302, Stop: 9796, Start Num: 31

Candidate Starts for Juicer_15:

(19, 9161), (20, 9185), (Start: 31 @9302 has 116 MA's), (40, 9374), (55, 9536), (63, 9608), (65, 9617), (79, 9755), (84, 9779),

Gene: Kabloowy_15 Start: 9136, Stop: 9645, Start Num: 34

Candidate Starts for Kabloowy_15:

(Start: 34 @9136 has 48 MA's), (45, 9244), (46, 9247), (57, 9376), (60, 9442), (70, 9517), (71, 9523), (74, 9556),

Gene: Kale_14 Start: 8160, Stop: 8660, Start Num: 30

Candidate Starts for Kale_14:

(Start: 30 @8160 has 82 MA's), (38, 8223), (39, 8232), (49, 8307), (78, 8610), (79, 8616),

Gene: KannH_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for KannH_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Karkharias_14 Start: 9173, Stop: 9688, Start Num: 34

Candidate Starts for Karkharias_14:

(Start: 34 @9173 has 48 MA's), (45, 9281), (46, 9284), (60, 9479), (66, 9503), (71, 9560), (77, 9614),

Gene: KatChan_15 Start: 8375, Stop: 8869, Start Num: 31

Candidate Starts for KatChan_15:

(Start: 31 @8375 has 116 MA's), (38, 8435), (49, 8519), (55, 8609), (72, 8759), (79, 8828), (84, 8852),

Gene: Kauala_14 Start: 8107, Stop: 8607, Start Num: 30

Candidate Starts for Kauala_14:

(26, 8023), (Start: 30 @8107 has 82 MA's), (49, 8254), (55, 8344), (82, 8578),

Gene: Kavo_14 Start: 8281, Stop: 8781, Start Num: 31

Candidate Starts for Kavo_14:

(Start: 31 @8281 has 116 MA's), (35, 8332), (38, 8344), (49, 8428), (55, 8518), (64, 8593), (70, 8653), (71, 8659), (72, 8668), (79, 8737),

Gene: KayMoney_14 Start: 9170, Stop: 9685, Start Num: 34

Candidate Starts for KayMoney_14:

(Start: 34 @9170 has 48 MA's), (46, 9281), (57, 9410), (66, 9500), (70, 9551), (71, 9557), (77, 9611), (83, 9656),

Gene: KellyGreen_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for KellyGreen_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: KingJulien_14 Start: 8256, Stop: 8753, Start Num: 31

Candidate Starts for KingJulien_14:

(8, 7791), (10, 7827), (Start: 31 @8256 has 116 MA's), (38, 8316), (49, 8400), (63, 8562), (71, 8631), (78, 8703), (79, 8709),

Gene: Klimt_14 Start: 8139, Stop: 8636, Start Num: 31

Candidate Starts for Klimt_14:

(Start: 31 @8139 has 116 MA's), (38, 8199), (49, 8283), (64, 8448), (69, 8505), (78, 8586), (79, 8592),

Gene: Knox_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Knox_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Koji_14 Start: 8232, Stop: 8732, Start Num: 30

Candidate Starts for Koji_14:

(Start: 30 @8232 has 82 MA's), (38, 8295), (49, 8379), (70, 8604), (82, 8703),

Gene: Kouch_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Kouch_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Kurt1_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Kurt1_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Lasker_15 Start: 9054, Stop: 9569, Start Num: 34

Candidate Starts for Lasker_15:

(Start: 34 @9054 has 48 MA's), (46, 9165), (66, 9384), (70, 9435), (71, 9441), (77, 9495), (83, 9540),

Gene: Lawnathon_15 Start: 9197, Stop: 9712, Start Num: 34

Candidate Starts for Lawnathon_15:

(Start: 34 @9197 has 48 MA's), (46, 9308), (60, 9503), (70, 9578), (71, 9584), (77, 9638), (83, 9683),

Gene: LeBruni_15 Start: 9074, Stop: 9583, Start Num: 34

Candidate Starts for LeBruni_15:

(Start: 34 @9074 has 48 MA's), (46, 9185), (57, 9314), (60, 9380), (66, 9404), (70, 9455), (71, 9461), (77, 9515),

Gene: Leafus_14 Start: 8403, Stop: 8900, Start Num: 31

Candidate Starts for Leafus_14:

(Start: 31 @8403 has 116 MA's), (38, 8463), (49, 8547), (63, 8709), (71, 8778), (78, 8850), (79, 8856),

Gene: Librie_15 Start: 8370, Stop: 8864, Start Num: 31

Candidate Starts for Librie_15:

(4, 7797), (5, 7821), (6, 7839), (7, 7872), (8, 7911), (12, 7971), (Start: 31 @8370 has 116 MA's), (35, 8418), (55, 8604), (59, 8652), (67, 8703), (76, 8793),

Gene: LilTerminator_15 Start: 8376, Stop: 8870, Start Num: 31

Candidate Starts for LilTerminator_15:

(Start: 31 @8376 has 116 MA's), (35, 8424), (55, 8610), (59, 8658), (67, 8709), (76, 8799),

Gene: LilyBell_14 Start: 9189, Stop: 9704, Start Num: 34

Candidate Starts for LilyBell_14:

(Start: 34 @9189 has 48 MA's), (45, 9297), (46, 9300), (60, 9495), (62, 9504), (66, 9519), (70, 9570), (71, 9576), (77, 9630), (83, 9675),

Gene: LittleRon_14 Start: 9144, Stop: 9659, Start Num: 34

Candidate Starts for LittleRon_14:

(Start: 34 @9144 has 48 MA's), (46, 9255), (57, 9384), (66, 9474), (70, 9525), (71, 9531), (77, 9585), (83, 9630),

Gene: Lovelyunicorn_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Lovelyunicorn_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Lucky3_14 Start: 8183, Stop: 8680, Start Num: 30

Candidate Starts for Lucky3_14:

(Start: 30 @8183 has 82 MA's), (40, 8255), (42, 8276), (49, 8327), (64, 8492), (82, 8651),

Gene: Ludgate_14 Start: 7849, Stop: 8349, Start Num: 30

Candidate Starts for Ludgate_14:

(Start: 30 @7849 has 82 MA's), (38, 7912), (39, 7921), (49, 7996), (78, 8299), (79, 8305),

Gene: Luna18_15 Start: 8375, Stop: 8869, Start Num: 31

Candidate Starts for Luna18_15:

(Start: 31 @8375 has 116 MA's), (38, 8435), (49, 8519), (55, 8609), (72, 8759), (79, 8828), (84, 8852),

Gene: MCubed_13 Start: 7951, Stop: 8448, Start Num: 31

Candidate Starts for MCubed_13:

(Start: 31 @7951 has 116 MA's), (35, 7999), (38, 8011), (49, 8095), (55, 8185), (63, 8257), (64, 8260), (65, 8266), (79, 8404),

Gene: MUWow_14 Start: 9139, Stop: 9654, Start Num: 34
Candidate Starts for MUWow_14:
(Start: 34 @9139 has 48 MA's), (46, 9250), (66, 9469), (70, 9520), (71, 9526), (77, 9580), (83, 9625),

Gene: MaeLinda_14 Start: 7855, Stop: 8355, Start Num: 30
Candidate Starts for MaeLinda_14:
(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: ManRay_14 Start: 8158, Stop: 8658, Start Num: 30
Candidate Starts for ManRay_14:
(Start: 30 @8158 has 82 MA's), (38, 8221), (39, 8230), (49, 8305), (78, 8608), (79, 8614),

Gene: Mandalorian_13 Start: 8117, Stop: 8611, Start Num: 31
Candidate Starts for Mandalorian_13:
(Start: 31 @8117 has 116 MA's), (35, 8165), (38, 8177), (49, 8261), (55, 8351), (56, 8363), (63, 8423),
(67, 8450),

Gene: Mapleville_14 Start: 9267, Stop: 9782, Start Num: 34
Candidate Starts for Mapleville_14:
(Start: 34 @9267 has 48 MA's), (46, 9378), (60, 9573), (70, 9648), (71, 9654), (77, 9708), (83, 9753),

Gene: Martin_15 Start: 7855, Stop: 8355, Start Num: 30
Candidate Starts for Martin_15:
(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: MaterMagnus_15 Start: 9047, Stop: 9562, Start Num: 34
Candidate Starts for MaterMagnus_15:
(Start: 34 @9047 has 48 MA's), (46, 9158), (66, 9377), (70, 9428), (71, 9434), (77, 9488), (83, 9533),

Gene: McGalleon_15 Start: 8725, Stop: 9222, Start Num: 31
Candidate Starts for McGalleon_15:
(10, 8299), (13, 8332), (15, 8362), (16, 8374), (Start: 31 @8725 has 116 MA's), (38, 8785), (49, 8869),
(63, 9031), (78, 9172), (79, 9178), (84, 9202),

Gene: Mercedes_14 Start: 8116, Stop: 8610, Start Num: 31
Candidate Starts for Mercedes_14:
(1, 7453), (2, 7474), (3, 7495), (7, 7627), (9, 7675), (Start: 31 @8116 has 116 MA's), (33, 8125), (35,
8164), (55, 8350), (59, 8398), (64, 8425), (67, 8449), (76, 8539), (80, 8572),

Gene: Merida02_14 Start: 7852, Stop: 8352, Start Num: 30
Candidate Starts for Merida02_14:
(Start: 30 @7852 has 82 MA's), (38, 7915), (39, 7924), (49, 7999), (78, 8302), (79, 8308),

Gene: MidnightRain_15 Start: 9046, Stop: 9561, Start Num: 34
Candidate Starts for MidnightRain_15:
(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: MillyPhilly_14 Start: 7852, Stop: 8352, Start Num: 30
Candidate Starts for MillyPhilly_14:
(Start: 30 @7852 has 82 MA's), (38, 7915), (39, 7924), (49, 7999), (78, 8302), (79, 8308),

Gene: MiniVolent_13 Start: 8069, Stop: 8566, Start Num: 31

Candidate Starts for MiniVolent_13:

(Start: 31 @8069 has 116 MA's), (35, 8117), (38, 8129), (49, 8213), (55, 8303), (56, 8315), (63, 8375),

Gene: MonChoix_13 Start: 7913, Stop: 8407, Start Num: 31

Candidate Starts for MonChoix_13:

(Start: 31 @7913 has 116 MA's), (38, 7973), (70, 8282), (78, 8360), (79, 8366),

Gene: Morrigan_15 Start: 9275, Stop: 9772, Start Num: 31

Candidate Starts for Morrigan_15:

(Start: 31 @9275 has 116 MA's), (38, 9335), (49, 9419), (55, 9509), (72, 9659), (79, 9728), (84, 9752),

Gene: MrWorldwide_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for MrWorldwide_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: MurphyJoseph_15 Start: 9049, Stop: 9558, Start Num: 34

Candidate Starts for MurphyJoseph_15:

(Start: 34 @9049 has 48 MA's), (52, 9205), (66, 9379), (83, 9535),

Gene: Nagem_14 Start: 7849, Stop: 8349, Start Num: 30

Candidate Starts for Nagem_14:

(Start: 30 @7849 has 82 MA's), (38, 7912), (39, 7921), (49, 7996), (78, 8299), (79, 8305),

Gene: Nattles_14 Start: 8143, Stop: 8640, Start Num: 31

Candidate Starts for Nattles_14:

(Start: 31 @8143 has 116 MA's), (38, 8203), (49, 8287), (64, 8452), (69, 8509), (78, 8590), (79, 8596),

Gene: Nebulous_15 Start: 9114, Stop: 9608, Start Num: 31

Candidate Starts for Nebulous_15:

(24, 9003), (Start: 31 @9114 has 116 MA's), (35, 9162), (38, 9174), (42, 9207), (49, 9258), (55, 9348), (67, 9447), (70, 9483), (72, 9498), (76, 9537), (84, 9591),

Gene: Neferthema_15 Start: 9124, Stop: 9618, Start Num: 31

Candidate Starts for Neferthema_15:

(Start: 31 @9124 has 116 MA's), (35, 9172), (49, 9268), (55, 9358), (59, 9406), (67, 9457), (70, 9493), (75, 9532), (76, 9547), (79, 9577), (84, 9601),

Gene: NewKitty_16 Start: 9276, Stop: 9791, Start Num: 34

Candidate Starts for NewKitty_16:

(Start: 34 @9276 has 48 MA's), (46, 9387), (66, 9606), (70, 9657), (71, 9663), (77, 9717), (83, 9762),

Gene: NickSell_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for NickSell_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: NidoQ_14 Start: 9232, Stop: 9747, Start Num: 34

Candidate Starts for NidoQ_14:

(Start: 34 @9232 has 48 MA's), (45, 9340), (46, 9343), (60, 9538), (66, 9562), (70, 9613), (71, 9619), (77, 9673), (83, 9718),

Gene: NikkiHotWheels_14 Start: 9172, Stop: 9687, Start Num: 34

Candidate Starts for NikkiHotWheels_14:

(Start: 34 @9172 has 48 MA's), (45, 9280), (46, 9283), (60, 9478), (66, 9502), (70, 9553), (71, 9559), (77, 9613), (83, 9658),

Gene: Nucci_13 Start: 8106, Stop: 8600, Start Num: 31

Candidate Starts for Nucci_13:

(23, 7995), (25, 8007), (Start: 31 @8106 has 116 MA's), (35, 8154), (38, 8166), (49, 8250), (55, 8340), (56, 8352), (63, 8412), (67, 8439),

Gene: Nyilah_14 Start: 9166, Stop: 9681, Start Num: 34

Candidate Starts for Nyilah_14:

(Start: 34 @9166 has 48 MA's), (45, 9274), (46, 9277), (60, 9472), (66, 9496), (70, 9547), (71, 9553), (77, 9607), (83, 9652),

Gene: Oats_14 Start: 8158, Stop: 8658, Start Num: 30

Candidate Starts for Oats_14:

(Start: 30 @8158 has 82 MA's), (38, 8221), (39, 8230), (49, 8305), (78, 8608), (79, 8614),

Gene: OldNelly_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for OldNelly_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Oxtober96_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Oxtober96_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: PSirce_13 Start: 7938, Stop: 8432, Start Num: 31

Candidate Starts for PSirce_13:

(Start: 31 @7938 has 116 MA's), (35, 7986), (38, 7998), (49, 8082), (55, 8172), (63, 8244), (64, 8247), (65, 8253), (70, 8307),

Gene: Pajaza_13 Start: 8136, Stop: 8636, Start Num: 31

Candidate Starts for Pajaza_13:

(Start: 31 @8136 has 116 MA's), (61, 8433), (84, 8613),

Gene: Papafritta_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Papafritta_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: ParleG_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for ParleG_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Peas_14 Start: 9176, Stop: 9691, Start Num: 34

Candidate Starts for Peas_14:

(Start: 34 @9176 has 48 MA's), (46, 9287), (60, 9482), (66, 9506), (70, 9557), (71, 9563), (77, 9617), (83, 9662),

Gene: Peep_14 Start: 7845, Stop: 8342, Start Num: 31

Candidate Starts for Peep_14:

(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (64, 8154), (69, 8211), (78, 8292), (79, 8298),

Gene: PeggyLeg03_14 Start: 9215, Stop: 9730, Start Num: 34

Candidate Starts for PeggyLeg03_14:

(Start: 34 @9215 has 48 MA's), (45, 9323), (46, 9326), (60, 9521), (66, 9545), (70, 9596), (71, 9602), (77, 9656), (83, 9701),

Gene: Penta_14 Start: 8278, Stop: 8778, Start Num: 31

Candidate Starts for Penta_14:

(18, 8044), (Start: 31 @8278 has 116 MA's), (38, 8341), (49, 8425), (55, 8515), (59, 8563), (70, 8650), (71, 8656), (72, 8665), (79, 8734),

Gene: Peppino_14 Start: 8256, Stop: 8753, Start Num: 31

Candidate Starts for Peppino_14:

(8, 7791), (10, 7827), (Start: 31 @8256 has 116 MA's), (38, 8316), (49, 8400), (63, 8562), (71, 8631), (78, 8703), (79, 8709),

Gene: Persistence_14 Start: 9116, Stop: 9625, Start Num: 34

Candidate Starts for Persistence_14:

(Start: 34 @9116 has 48 MA's), (66, 9446), (68, 9485), (77, 9557), (81, 9596),

Gene: Phanita_13 Start: 7926, Stop: 8420, Start Num: 31

Candidate Starts for Phanita_13:

(Start: 31 @7926 has 116 MA's), (35, 7974), (38, 7986), (49, 8070), (55, 8160), (63, 8232), (64, 8235), (65, 8241),

Gene: Pherbot_14 Start: 8098, Stop: 8598, Start Num: 30

Candidate Starts for Pherbot_14:

(Start: 30 @8098 has 82 MA's), (38, 8161), (49, 8245), (70, 8470), (82, 8569),

Gene: Pherferi_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Pherferi_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Phiderman_14 Start: 7852, Stop: 8352, Start Num: 30

Candidate Starts for Phiderman_14:

(Start: 30 @7852 has 82 MA's), (38, 7915), (39, 7924), (49, 7999), (78, 8302), (79, 8308),

Gene: PhillyPhantom_14 Start: 8265, Stop: 8762, Start Num: 31

Candidate Starts for PhillyPhantom_14:

(8, 7800), (10, 7836), (Start: 31 @8265 has 116 MA's), (38, 8325), (49, 8409), (63, 8571), (71, 8640), (78, 8712), (79, 8718),

Gene: Phireproof_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Phireproof_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Phrank15_14 Start: 9199, Stop: 9714, Start Num: 34

Candidate Starts for Phrank15_14:

(Start: 34 @9199 has 48 MA's), (46, 9310), (66, 9529), (70, 9580), (71, 9586), (77, 9640), (83, 9685),

Gene: PhredFlintston_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for PhredFlintston_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Phriends_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Phriends_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Pikmin_13 Start: 8136, Stop: 8636, Start Num: 31

Candidate Starts for Pikmin_13:

(Start: 31 @8136 has 116 MA's), (61, 8433), (84, 8613),

Gene: Pocket_14 Start: 8143, Stop: 8643, Start Num: 30

Candidate Starts for Pocket_14:

(Start: 30 @8143 has 82 MA's), (38, 8206), (39, 8215), (49, 8290), (78, 8593), (79, 8599),

Gene: PrincePhergus_14 Start: 8102, Stop: 8602, Start Num: 30

Candidate Starts for PrincePhergus_14:

(Start: 30 @8102 has 82 MA's), (38, 8165), (49, 8249), (70, 8474), (82, 8573),

Gene: Pucara_14 Start: 9176, Stop: 9691, Start Num: 34

Candidate Starts for Pucara_14:

(Start: 34 @9176 has 48 MA's), (45, 9284), (46, 9287), (60, 9482), (66, 9506), (70, 9557), (71, 9563), (77, 9617), (83, 9662),

Gene: PuppyEggo_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for PuppyEggo_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: QuadZero_15 Start: 8382, Stop: 8876, Start Num: 31

Candidate Starts for QuadZero_15:

(Start: 31 @8382 has 116 MA's), (35, 8430), (55, 8616), (59, 8664), (67, 8715), (76, 8805),

Gene: Quartz_13 Start: 8118, Stop: 8612, Start Num: 31

Candidate Starts for Quartz_13:

(Start: 31 @8118 has 116 MA's), (35, 8166), (38, 8178), (49, 8262), (55, 8352), (56, 8364), (63, 8424),

Gene: Raccoon_14 Start: 8262, Stop: 8759, Start Num: 31

Candidate Starts for Raccoon_14:

(8, 7797), (10, 7833), (Start: 31 @8262 has 116 MA's), (38, 8322), (49, 8406), (63, 8568), (71, 8637), (78, 8709), (79, 8715),

Gene: RadFad_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for RadFad_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: Raphaella_15 Start: 9046, Stop: 9561, Start Num: 34

Candidate Starts for Raphaella_15:

(Start: 34 @9046 has 48 MA's), (46, 9157), (66, 9376), (70, 9427), (71, 9433), (77, 9487), (83, 9532),

Gene: Rapheph_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Rapheph_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Raptor_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Raptor_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Redfield_14 Start: 8264, Stop: 8761, Start Num: 31

Candidate Starts for Redfield_14:

(8, 7799), (10, 7835), (Start: 31 @8264 has 116 MA's), (38, 8324), (49, 8408), (63, 8570), (71, 8639), (78, 8711), (79, 8717),

Gene: RenegadeRaider_14 Start: 8101, Stop: 8601, Start Num: 30

Candidate Starts for RenegadeRaider_14:

(Start: 30 @8101 has 82 MA's), (38, 8164), (49, 8248), (70, 8473), (82, 8572),

Gene: Renzie_14 Start: 7845, Stop: 8342, Start Num: 31

Candidate Starts for Renzie_14:

(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (64, 8154), (69, 8211), (78, 8292), (79, 8298),

Gene: Richie_15 Start: 9061, Stop: 9576, Start Num: 34

Candidate Starts for Richie_15:

(Start: 34 @9061 has 48 MA's), (46, 9172), (66, 9391), (70, 9442), (71, 9448), (77, 9502), (83, 9547),

Gene: Riyhil_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Riyhil_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Robinson_14 Start: 7848, Stop: 8345, Start Num: 31

Candidate Starts for Robinson_14:

(Start: 31 @7848 has 116 MA's), (38, 7908), (49, 7992), (69, 8214), (78, 8295), (79, 8301),

Gene: Rog141_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Rog141_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: RosieMae_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for RosieMae_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: SJay_14 Start: 7850, Stop: 8350, Start Num: 30

Candidate Starts for SJay_14:

(Start: 30 @7850 has 82 MA's), (38, 7913), (39, 7922), (49, 7997), (78, 8300), (79, 8306),

Gene: Sakai_15 Start: 9055, Stop: 9570, Start Num: 34

Candidate Starts for Sakai_15:

(Start: 34 @9055 has 48 MA's), (46, 9166), (66, 9385), (70, 9436), (71, 9442), (77, 9496), (83, 9541),

Gene: Sansa_12 Start: 7947, Stop: 8444, Start Num: 31

Candidate Starts for Sansa_12:

(Start: 31 @7947 has 116 MA's), (35, 7995), (38, 8007), (49, 8091), (55, 8181), (63, 8253), (64, 8256), (65, 8262), (79, 8400),

Gene: Saratos_13 Start: 7927, Stop: 8421, Start Num: 31

Candidate Starts for Saratos_13:

(Start: 31 @7927 has 116 MA's), (35, 7975), (38, 7987), (49, 8071), (55, 8161), (63, 8233), (64, 8236), (65, 8242), (70, 8296),

Gene: Satrap_15 Start: 9002, Stop: 9511, Start Num: 34

Candidate Starts for Satrap_15:

(Start: 34 @9002 has 48 MA's), (45, 9110), (46, 9113), (57, 9242), (60, 9308), (65, 9329), (70, 9383), (74, 9422),

Gene: Schimmels22_15 Start: 8808, Stop: 9308, Start Num: 31

Candidate Starts for Schimmels22_15:

(Start: 31 @8808 has 116 MA's), (35, 8859), (38, 8871), (42, 8904), (49, 8955), (55, 9045), (59, 9093), (70, 9180), (71, 9186), (79, 9264),

Gene: Schnapsidee_14 Start: 8255, Stop: 8752, Start Num: 31

Candidate Starts for Schnapsidee_14:

(8, 7790), (10, 7826), (Start: 31 @8255 has 116 MA's), (38, 8315), (49, 8399), (63, 8561), (71, 8630), (78, 8702), (79, 8708),

Gene: Schubert_14 Start: 8290, Stop: 8787, Start Num: 31

Candidate Starts for Schubert_14:

(21, 8158), (Start: 31 @8290 has 116 MA's), (38, 8353), (70, 8662),

Gene: Scissor2024_15 Start: 8446, Stop: 8946, Start Num: 31

Candidate Starts for Scissor2024_15:

(Start: 31 @8446 has 116 MA's), (35, 8497), (38, 8509), (49, 8593), (55, 8683), (59, 8731), (67, 8782), (70, 8818), (71, 8824), (72, 8833), (79, 8902),

Gene: Seahorse_16 Start: 9301, Stop: 9810, Start Num: 34

Candidate Starts for Seahorse_16:

(Start: 34 @9301 has 48 MA's), (52, 9457), (66, 9631),

Gene: Sedgewig_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for Sedgewig_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: ShaiHulud_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for ShaiHulud_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Shamu_13 Start: 7939, Stop: 8433, Start Num: 31

Candidate Starts for Shamu_13:

(Start: 31 @7939 has 116 MA's), (35, 7987), (38, 7999), (49, 8083), (55, 8173), (63, 8245), (64, 8248), (65, 8254), (70, 8308),

Gene: Shee_14 Start: 7852, Stop: 8352, Start Num: 30

Candidate Starts for Shee_14:

(Start: 30 @7852 has 82 MA's), (38, 7915), (39, 7924), (49, 7999), (78, 8302), (79, 8308),

Gene: Shukran_15 Start: 9002, Stop: 9511, Start Num: 34

Candidate Starts for Shukran_15:

(Start: 34 @9002 has 48 MA's), (45, 9110), (46, 9113), (57, 9242), (60, 9308), (65, 9329), (70, 9383), (74, 9422),

Gene: Sinatra_14 Start: 8099, Stop: 8599, Start Num: 30

Candidate Starts for Sinatra_14:

(Start: 30 @8099 has 82 MA's), (38, 8162), (49, 8246), (70, 8471), (82, 8570),

Gene: SirVictor_14 Start: 8177, Stop: 8674, Start Num: 30

Candidate Starts for SirVictor_14:

(Start: 30 @8177 has 82 MA's), (40, 8249), (42, 8270), (49, 8321), (64, 8486), (82, 8645),

Gene: SoilGremlin_14 Start: 7852, Stop: 8352, Start Num: 30

Candidate Starts for SoilGremlin_14:

(Start: 30 @7852 has 82 MA's), (38, 7915), (39, 7924), (49, 7999), (78, 8302), (79, 8308),

Gene: SolidSnake_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for SolidSnake_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: SonDevVon_14 Start: 9048, Stop: 9563, Start Num: 34

Candidate Starts for SonDevVon_14:

(Start: 34 @9048 has 48 MA's), (46, 9159), (66, 9378), (70, 9429), (71, 9435), (77, 9489), (83, 9534),

Gene: SonOfLevi_14 Start: 8139, Stop: 8636, Start Num: 31

Candidate Starts for SonOfLevi_14:

(Start: 31 @8139 has 116 MA's), (38, 8199), (49, 8283), (64, 8448), (69, 8505), (78, 8586), (79, 8592),

Gene: Soror1_14 Start: 8265, Stop: 8762, Start Num: 31

Candidate Starts for Soror1_14:

(8, 7800), (10, 7836), (Start: 31 @8265 has 116 MA's), (38, 8325), (49, 8409), (63, 8571), (71, 8640), (78, 8712), (79, 8718),

Gene: SpicyFrank_15 Start: 9125, Stop: 9640, Start Num: 34

Candidate Starts for SpicyFrank_15:

(Start: 34 @9125 has 48 MA's), (46, 9236), (60, 9431), (62, 9440), (71, 9512), (77, 9566), (83, 9611),

Gene: Sporco_16 Start: 9103, Stop: 9618, Start Num: 34

Candidate Starts for Sporco_16:

(Start: 34 @9103 has 48 MA's), (46, 9214), (66, 9433), (70, 9484), (71, 9490), (77, 9544), (83, 9589),

Gene: Stanktossa_14 Start: 7855, Stop: 8355, Start Num: 30

Candidate Starts for Stanktossa_14:

(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: StingRay_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for StingRay_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: StirfryIV_14 Start: 8145, Stop: 8645, Start Num: 30

Candidate Starts for StirfryIV_14:

(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: Stormbreaker8_14 Start: 8256, Stop: 8753, Start Num: 31

Candidate Starts for Stormbreaker8_14:

(8, 7791), (10, 7827), (Start: 31 @8256 has 116 MA's), (38, 8316), (49, 8400), (63, 8562), (71, 8631), (78, 8703), (79, 8709),

Gene: Strathdee_14 Start: 7855, Stop: 8352, Start Num: 31

Candidate Starts for Strathdee_14:

(Start: 31 @7855 has 116 MA's), (38, 7915), (49, 7999), (69, 8221), (78, 8302), (79, 8308),

Gene: Superfresh_14 Start: 7845, Stop: 8342, Start Num: 31
Candidate Starts for Superfresh_14:
(Start: 31 @7845 has 116 MA's), (38, 7905), (49, 7989), (64, 8154), (69, 8211), (78, 8292), (79, 8298),

Gene: Symere_14 Start: 8145, Stop: 8645, Start Num: 30
Candidate Starts for Symere_14:
(Start: 30 @8145 has 82 MA's), (38, 8208), (39, 8217), (49, 8292), (78, 8595), (79, 8601),

Gene: TatarkaPM_14 Start: 7855, Stop: 8355, Start Num: 30
Candidate Starts for TatarkaPM_14:
(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Teagan_14 Start: 7849, Stop: 8349, Start Num: 30
Candidate Starts for Teagan_14:
(Start: 30 @7849 has 82 MA's), (38, 7912), (39, 7921), (49, 7996), (78, 8299), (79, 8305),

Gene: TeddyBear_14 Start: 8158, Stop: 8658, Start Num: 30
Candidate Starts for TeddyBear_14:
(Start: 30 @8158 has 82 MA's), (38, 8221), (39, 8230), (49, 8305), (78, 8608), (79, 8614),

Gene: Tenda_14 Start: 8156, Stop: 8656, Start Num: 30
Candidate Starts for Tenda_14:
(Start: 30 @8156 has 82 MA's), (38, 8219), (39, 8228), (49, 8303), (78, 8606), (79, 8612),

Gene: ThayneTheZag_15 Start: 9103, Stop: 9618, Start Num: 34
Candidate Starts for ThayneTheZag_15:
(Start: 34 @9103 has 48 MA's), (46, 9214), (57, 9343), (66, 9433), (71, 9490), (74, 9523), (77, 9544),

Gene: Theresita_14 Start: 7692, Stop: 8192, Start Num: 30
Candidate Starts for Theresita_14:
(Start: 30 @7692 has 82 MA's), (38, 7752), (68, 8049), (71, 8067), (84, 8169), (85, 8178),

Gene: Thompsone_14 Start: 7854, Stop: 8351, Start Num: 31
Candidate Starts for Thompsone_14:
(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Thorongil_14 Start: 7854, Stop: 8351, Start Num: 31
Candidate Starts for Thorongil_14:
(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Tiff81_16 Start: 9271, Stop: 9786, Start Num: 34
Candidate Starts for Tiff81_16:
(Start: 34 @9271 has 48 MA's), (45, 9379), (46, 9382), (60, 9577), (66, 9601), (70, 9652), (71, 9658),
(77, 9712), (83, 9757),

Gene: TinSulphur_14 Start: 7855, Stop: 8355, Start Num: 30
Candidate Starts for TinSulphur_14:
(Start: 30 @7855 has 82 MA's), (38, 7918), (39, 7927), (49, 8002), (78, 8305), (79, 8311),

Gene: Tinyman4_15 Start: 8449, Stop: 8949, Start Num: 31
Candidate Starts for Tinyman4_15:
(Start: 31 @8449 has 116 MA's), (35, 8500), (38, 8512), (49, 8596), (55, 8686), (59, 8734), (67, 8785),
(70, 8821), (71, 8827), (72, 8836), (79, 8905),

Gene: TwoBits_15 Start: 8173, Stop: 8667, Start Num: 31

Candidate Starts for TwoBits_15:

(Start: 31 @8173 has 116 MA's), (35, 8221), (55, 8407), (64, 8482), (67, 8506), (76, 8596), (80, 8629),

Gene: Velene_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Velene_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Vispitious_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for Vispitious_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: Vopal_16 Start: 9118, Stop: 9633, Start Num: 34

Candidate Starts for Vopal_16:

(Start: 34 @9118 has 48 MA's), (46, 9229), (66, 9448), (70, 9499), (71, 9505), (77, 9559), (83, 9604),

Gene: Wardwill_17 Start: 8538, Stop: 9032, Start Num: 31

Candidate Starts for Wardwill_17:

(4, 7965), (5, 7989), (6, 8007), (7, 8040), (8, 8079), (12, 8139), (Start: 31 @8538 has 116 MA's), (35, 8586), (55, 8772), (59, 8820), (67, 8871), (76, 8961),

Gene: WestPM_14 Start: 8287, Stop: 8787, Start Num: 31

Candidate Starts for WestPM_14:

(Start: 31 @8287 has 116 MA's), (38, 8350), (49, 8434), (55, 8524), (59, 8572), (70, 8659), (71, 8665), (72, 8674), (79, 8743),

Gene: WildNOut_14 Start: 7854, Stop: 8351, Start Num: 31

Candidate Starts for WildNOut_14:

(Start: 31 @7854 has 116 MA's), (38, 7914), (49, 7998), (69, 8220), (78, 8301), (79, 8307),

Gene: WilliamStrong_13 Start: 8960, Stop: 9457, Start Num: 31

Candidate Starts for WilliamStrong_13:

(Start: 31 @8960 has 116 MA's), (38, 9020), (49, 9104), (63, 9266), (64, 9269),

Gene: Windest_16 Start: 9103, Stop: 9618, Start Num: 34

Candidate Starts for Windest_16:

(Start: 34 @9103 has 48 MA's), (46, 9214), (66, 9433), (70, 9484), (71, 9490), (77, 9544), (83, 9589),

Gene: Winzigespinne_14 Start: 8144, Stop: 8644, Start Num: 30

Candidate Starts for Winzigespinne_14:

(Start: 30 @8144 has 82 MA's), (38, 8207), (39, 8216), (49, 8291), (78, 8594), (79, 8600),

Gene: Xebius_12 Start: 7927, Stop: 8421, Start Num: 31

Candidate Starts for Xebius_12:

(Start: 31 @7927 has 116 MA's), (35, 7975), (38, 7987), (49, 8071), (55, 8161), (63, 8233), (64, 8236), (65, 8242), (70, 8296),

Gene: YoungHarleezy_15 Start: 9059, Stop: 9574, Start Num: 34

Candidate Starts for YoungHarleezy_15:

(Start: 34 @9059 has 48 MA's), (46, 9170), (66, 9389), (70, 9440), (71, 9446), (77, 9500), (83, 9545),

Gene: YuuY_13 Start: 8110, Stop: 8604, Start Num: 31

Candidate Starts for YuuY_13:

(Start: 31 @8110 has 116 MA's), (35, 8158), (41, 8185), (55, 8344), (56, 8356), (63, 8416),

Gene: Zada_14 Start: 7846, Stop: 8346, Start Num: 30

Candidate Starts for Zada_14:

(Start: 30 @7846 has 82 MA's), (38, 7909), (39, 7918), (49, 7993), (78, 8296), (79, 8302),

Gene: Zayuliv_15 Start: 8358, Stop: 8852, Start Num: 31

Candidate Starts for Zayuliv_15:

(Start: 31 @8358 has 116 MA's), (35, 8406), (55, 8592), (59, 8640), (67, 8691), (76, 8781),

Gene: Zenitsu_13 Start: 7951, Stop: 8448, Start Num: 31

Candidate Starts for Zenitsu_13:

(Start: 31 @7951 has 116 MA's), (35, 7999), (38, 8011), (49, 8095), (55, 8185), (63, 8257), (64, 8260), (65, 8266), (79, 8404),

Gene: Zepp_16 Start: 8367, Stop: 8861, Start Num: 31

Candidate Starts for Zepp_16:

(Start: 31 @8367 has 116 MA's), (35, 8415), (55, 8601), (59, 8649), (67, 8700), (76, 8790),