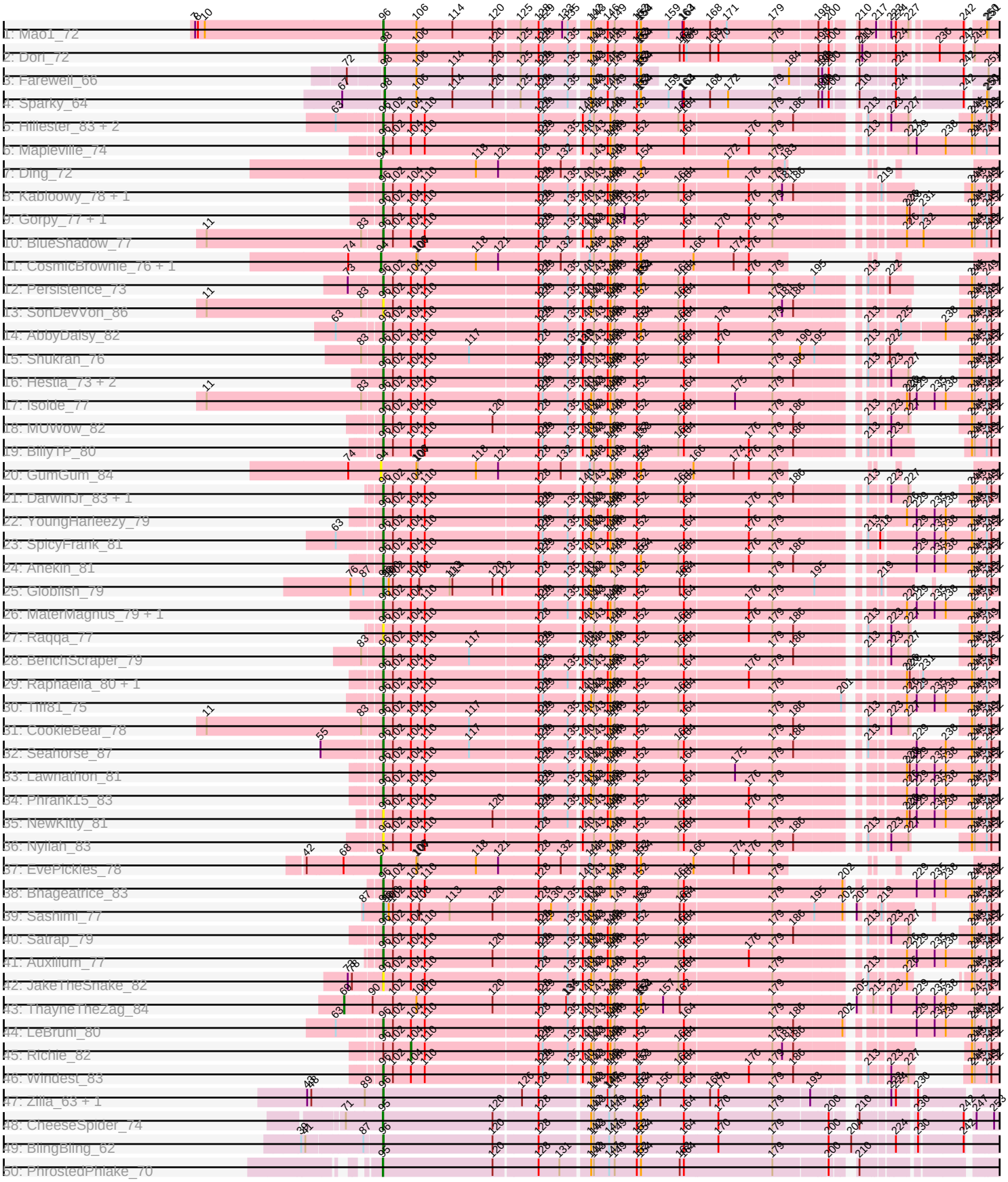
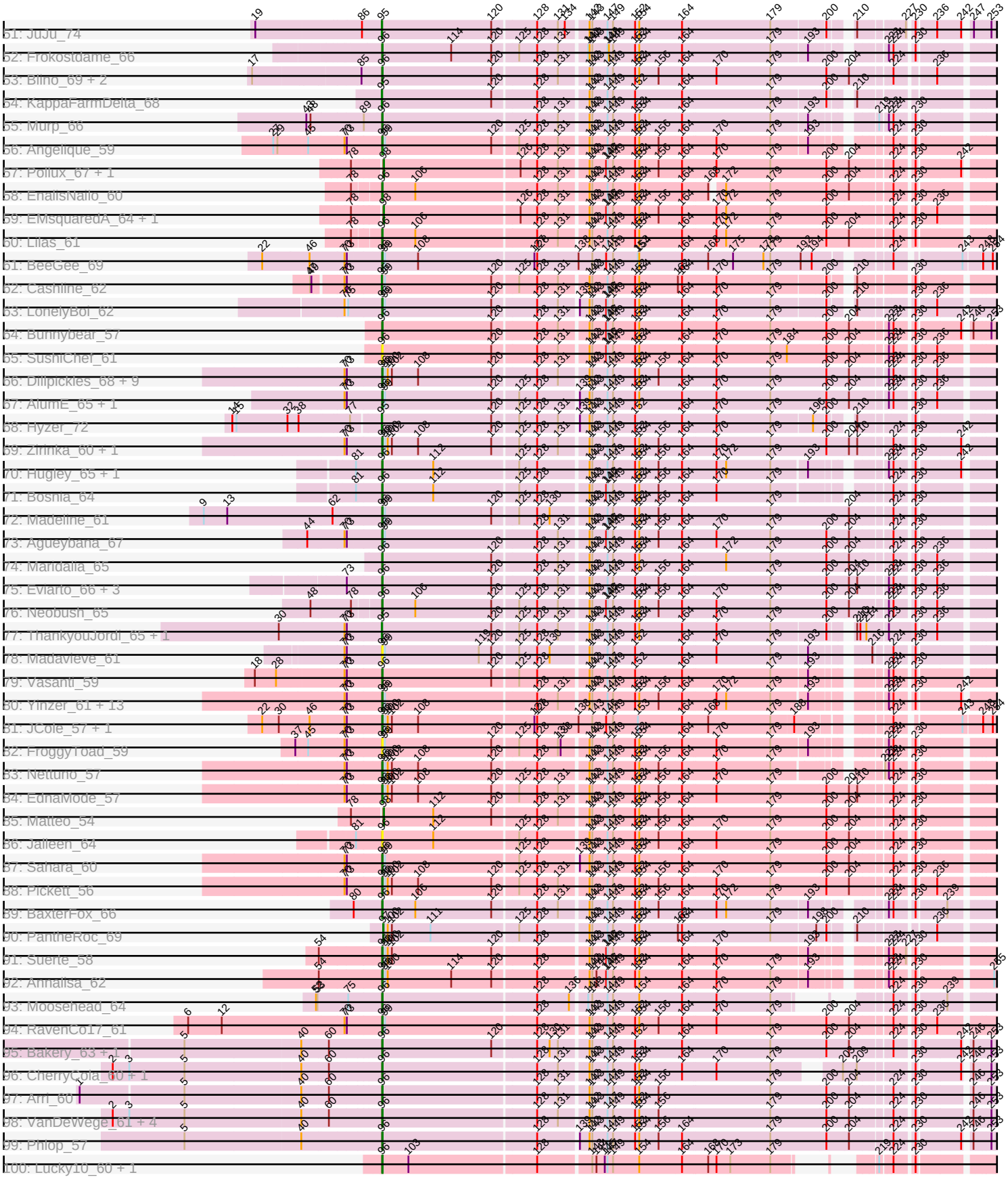
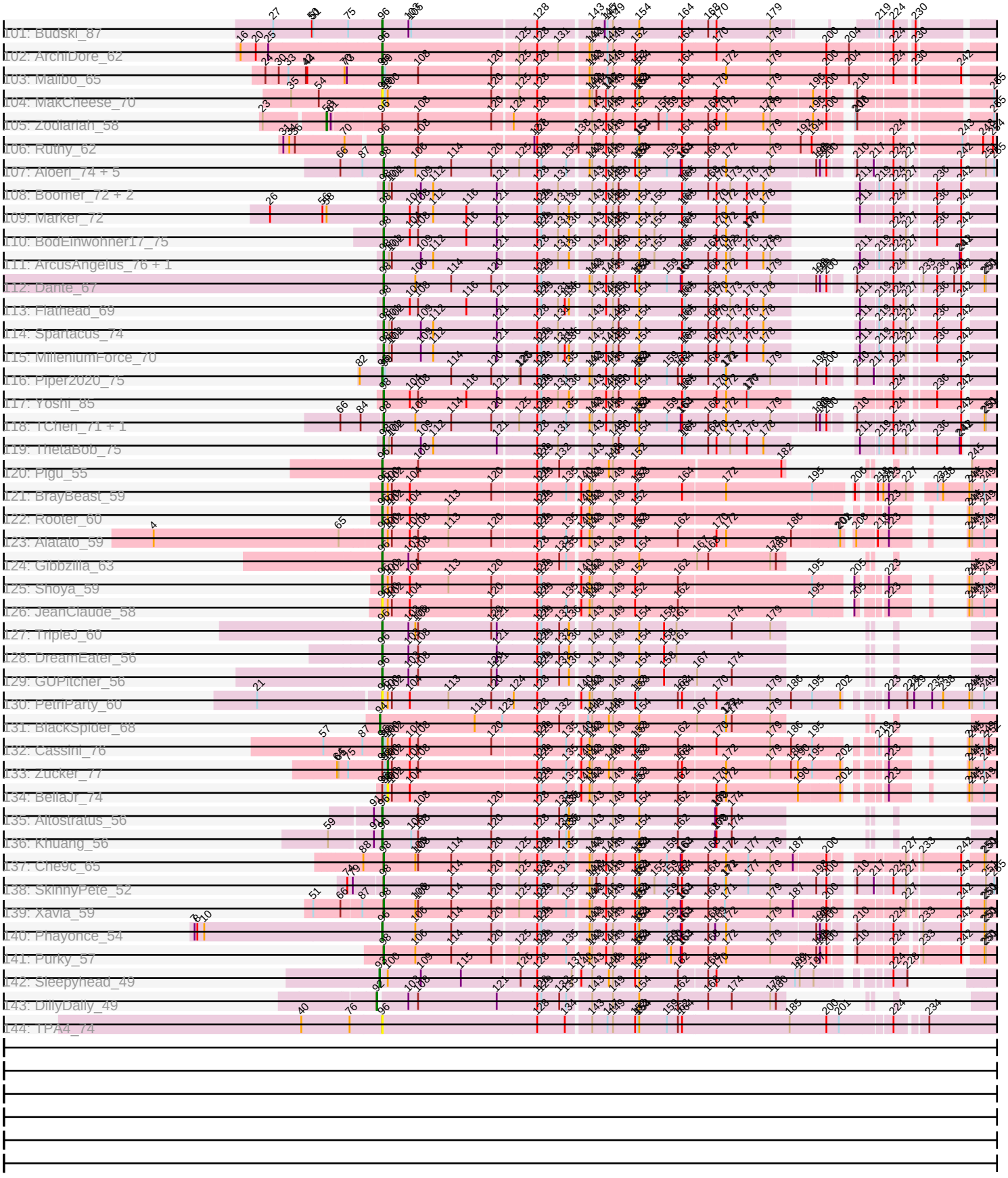
Zoomed Pham 345339



Zoomed Pham 345339



Zoomed Pham 345339



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 345339 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 345339 has 205 members, 24 are drafts.

Phages represented in each track:
- Track 1 : Mao1_72
- Track 2 : Dori_72
- Track 3 : Farewell_66
- Track 4 : Sparky_64
- Track 5 : Hillester_83, BasketStar_79, RadFad_84
- Track 6 : Mapleville_74
- Track 7 : Ding_72
- Track 8 : Kabloowy_78, JellyBread_76
- Track 9 : Gorpy_77, Sakai_76
- Track 10 : BlueShadow_77
- Track 11 : CosmicBrownie_76, Lasker_79
- Track 12 : Persistence_73
- Track 13 : SonDevVon_86
- Track 14 : AbbyDaisy_82
- Track 15 : Shukran_76
- Track 16 : Hestia_73, Faja_82, Vopal_81
- Track 17 : Isolde_77
- Track 18 : MUWow_82
- Track 19 : BillyTP_80
- Track 20 : GumGum_84
- Track 21 : DarwinJr_83, Crescenzo_82
- Track 22 : YoungHarleezy_79
- Track 23 : SpicyFrank_81
- Track 24 : Anekin_81
- Track 25 : Globfish_79
- Track 26 : MaterMagnus_79, Aikyam_78
- Track 27 : Raqqa_77
- Track 28 : BenchScraper_79
- Track 29 : Raphaella_80, Sporco_82
- Track 30 : Tiff81_75
- Track 31 : CookieBear_78
- Track 32 : Seahorse_87
- Track 33 : Lawnathon_81

• Track 34 : Phrank15_83
• Track 35 : NewKitty_81
• Track 36 : Nyilah_83
• Track 37 : EvePickles_78
• Track 38 : Bhageatrice_83
• Track 39 : Sashimi_77
• Track 40 : Satrap_79
• Track 41 : Auxilium_77
• Track 42 : JakeTheSnake_82
• Track 43 : ThayneTheZag_84
• Track 44 : LeBruni_80
• Track 45 : Richie_82
• Track 46 : Windest_83
• Track 47 : Zilla_63, Barco_63
• Track 48 : CheeseSpider_74
• Track 49 : BlingBling_62
• Track 50 : PhrostedPhlake_70
• Track 51 : JuJu_74
• Track 52 : Frokostdame_66
• Track 53 : Blino_69, Soilmate_71, CarolAnn_68
• Track 54 : KappaFarmDelta_68
• Track 55 : Murp_66
• Track 56 : Angelique_59
• Track 57 : Pollux_67, Floral_65
• Track 58 : EnalisNailo_60
• Track 59 : EMsquaredA_64, Marteena_63
• Track 60 : Lilas_61
• Track 61 : BeeGee_69
• Track 62 : Cashline_62
• Track 63 : LonelyBoi_62
• Track 64 : Bunnybear_57
• Track 65 : SushiChef_61
• Track 66 : Dillpickles_68, Trumpet_63, Antonio_63, Eudoria_63, Kita_64, Suscepit_63, Tayonia_63, Manasvini_64, Zameen_63, Polly_60
• Track 67 : AlumE_65, BoyNamedSue_65
• Track 68 : Hyzer_72
• Track 69 : Zirinka_60, Bialota_61
• Track 70 : Hugley_65, Herod_67
• Track 71 : Bosnia_64
• Track 72 : Madeline_61
• Track 73 : Agueybana_67
• Track 74 : Maridalia_65
• Track 75 : Eviarto_66, BatStarr_65, Nymphadora_66, TimTam_66
• Track 76 : Neobush_65
• Track 77 : ThankyouJordi_65, WelcomeAyanna_65
• Track 78 : Madavieve_61
• Track 79 : Vasanti_59
• Track 80 : Yinzer_61, Cynthia_61, Bjanes7_58, TuertoX_61, Haley23_61, Ebert_65, Sproutie_61, Whiteclaw_61, Clap_61, Gizermo_61, Lamberg_57, Mocha12_61, GemG_61, Savage_61
• Track 81 : JCole_57, Yeet412_58
• Track 82 : FroggyToad_59
• Track 83 : Nettuno_57

• Track 84 : EdnaMode_57
• Track 85 : Matteo_54
• Track 86 : Jalleen_64
• Track 87 : Sahara_60
• Track 88 : Pickett_56
• Track 89 : BaxterFox_66
• Track 90 : PantheRoc_69
• Track 91 : Suerte_58
• Track 92 : Annalisa_62
• Track 93 : Moosehead_64
• Track 94 : RavenCo17_61
• Track 95 : Bakery_63, Sixsevenium_61
• Track 96 : CherryCola_60, Valary_60
• Track 97 : Arri_60
• Track 98 : VanDeWege_61, Halo3_58, Wizard_57, Gezellig_57, CoveyB_60
• Track 99 : Phlop_57
• Track 100 : Lucky10_60, Kuwabara_82
• Track 101 : Budski_87
• Track 102 : ArchiDore_62
• Track 103 : Malibo_65
• Track 104 : MakCheese_70
• Track 105 : Zodiariah_58
• Track 106 : Ruthy_62
• Track 107 : Aloeri_74, ChickenDinner_73, TootsiePop_71, DocMcStuffins_73, Misha28_71, Awesomesauce_73
• Track 108 : Boomer_72, PMC_64, Rockne_68
• Track 109 : Marker_72
• Track 110 : BodEinwohner17_75
• Track 111 : ArcusAngelus_76, Chevrolet_78
• Track 112 : Dante_67
• Track 113 : Flathead_69
• Track 114 : Spartacus_74
• Track 115 : MilleniumForce_70
• Track 116 : Piper2020_75
• Track 117 : Yoshi_85
• Track 118 : TChen_71, LunaStella_69
• Track 119 : ThetaBob_75
• Track 120 : Pigu_55
• Track 121 : BrayBeast_59
• Track 122 : Rooter_60
• Track 123 : Alatato_59
• Track 124 : Gibbzilla_63
• Track 125 : Shoya_59
• Track 126 : JeanClaude_58
• Track 127 : TripleJ_60
• Track 128 : DreamEater_56
• Track 129 : GUPitcher_56
• Track 130 : PetriParty_60
• Track 131 : BlackSpider_68
• Track 132 : Cassini_76
• Track 133 : Zucker_77
• Track 134 : BellaJr_74
• Track 135 : Altostratus_56

• Track 136 : Khuang_56
• Track 137 : Che9c_65
• Track 138 : SkinnyPete_52
• Track 139 : Xavia_59
• Track 140 : Phayonce_54
• Track 141 : Purky_57
• Track 142 : Sleepyhead_49
• Track 143 : DillyDally_49
• Track 144 : TPA4_74

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

The start number called the most often in the published annotations is 96, it was called in 129 of the 181 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AbbyDaisy_82, Agueybana_67, Aikyam_78, Alatato_59, Altostratus_56, AlumE_65, Anekin_81, Angelique_59, Annalisa_62, Antonio_63, ArchiDore_62, Arri_60, Auxilium_77, Bakery_63, Barco_63, BasketStar_79, BatStarr_65, BaxterFox_66, BeeGee_69, BenchScraper_79, Bhageatrice_83, Bialota_61, BillyTP_80, Bjanes7_58, BlingBling_62, Blino_69, BlueShadow_77, Bosnia_64, BoyNamedSue_65, BrayBeast_59, Budski_87, Bunnybear_57, CarolAnn_68, Cassini_76, CherryCola_60, Clap_61, CookieBear_78, CoveyB_60, Crescenzo_82, Cynthia_61, DarwinJr_83, Dillpickles_68, DreamEater_56, Ebert_65, EdnaMode_57, EnalisNailo_60, Eudoria_63, Eviarto_66, Faja_82, FroggyToad_59, Frokostdame_66, GUPitcher_56, GemG_61, Gezellig_57, Gibbzilla_63, Gizermo_61, Globfish_79, Gorpy_77, Haley23_61, Halo3_58, Herod_67, Hestia_73, Hillester_83, Hugley_65, Isolde_77, JCole_57, JakeTheSnake_82, Jalleen_64, JeanClaude_58, JellyBread_76, Kabloowy_78, Khuang_56, Kita_64, Kuwabara_82, Lamberg_57, Lawnathon_81, LeBruni_80, Lilas_61, LonelyBoi_62, Lucky10_60, MUWow_82, Madavieve_61, Madeline_61, MakCheese_70, Malibo_65, Manasvini_64, Mao1_72, Mapleville_74, Maridalia_65, MaterMagnus_79, Mocha12_61, Moosehead_64, Murp_66, Neobush_65, Nettuno_57, NewKitty_81, Nyilah_83, Nymphadora_66, Persistence_73, PetriParty_60, Phayonce_54, Phlop_57, Phrank15_83, Pickett_56, Pigu_55, Piper2020_75, Polly_60, RadFad_84, Raphaella_80, Raqqa_77, RavenCo17_61, Rooter_60, Ruthy_62, Sahara_60, Sakai_76, Sashimi_77, Satrap_79, Savage_61, Seahorse_87, Shoya_59, Shukran_76, Sixsevenium_61, Soilmate_71, SonDevVon_86, SpicyFrank_81, Sporco_82, Sproutie_61, Suerte_58, Suscepit_63, SushiChef_61, TPA4_74, Tayonia_63, Tiff81_75, TimTam_66, TripleJ_60, Trumpet_63, TuertoX_61, Valary_60, VanDeWege_61, Vasanti_59, Vopal_81, Whiteclaw_61, Windest_83, Wizard_57, Yeet412_58, Yinzer_61, YoungHarleezy_79, Zameen_63, Zilla_63, Zirinka_60,

Genes that have the "Most Annotated" start but do not call it:
• BellaJr_74, Richie_82, Zodiariah_58, Zucker_77,

Genes that do not have the "Most Annotated" start:
• Aloeri_74, ArcusAngelus_76, Awesomesauce_73, BlackSpider_68, BodEinwohner17_75, Boomer_72, Cashline_62, Che9c_65, CheeseSpider_74, Chevrolet_78, ChickenDinner_73, CosmicBrownie_76, Dante_67, DillyDally_49,

Ding_72, DocMcStuffins_73, Dori_72, EMsquaredA_64, EvePickles_78, Farewell_66, Flathead_69, Floral_65, GumGum_84, Hyzer_72, JuJu_74, KappaFarmDelta_68, Lasker_79, LunaStella_69, Marker_72, Marteena_63, Matteo_54, MilleniumForce_70, Misha28_71, PMC_64, PantheRoc_69, PhrostedPhlake_70, Pollux_67, Purky_57, Rockne_68, SkinnyPete_52, Sleepyhead_49, Sparky_64, Spartacus_74, TChen_71, ThankyouJordi_65, ThayneTheZag_84, ThetaBob_75, TootsiePop_71, WelcomeAyanna_65, Xavia_59, Yoshi_85,

Summary by start number:

Start 58:
• Found in 2 of 205 (1.0%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Zodiariah_58 (DW),

Start 69:
• Found in 1 of 205 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ThayneTheZag_84 (AY),

Start 92:
• Found in 1 of 205 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DillyDally_49 (singleton),

Start 93:
• Found in 1 of 205 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sleepyhead_49 (singleton),

Start 94:
• Found in 6 of 205 (2.9%) of genes in pham
• Manual Annotations of this start: 4 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BlackSpider_68 (FN), CosmicBrownie_76 (AY), Ding_72 (AY), EvePickles_78 (AY), GumGum_84 (AY), Lasker_79 (AY),

Start 95:
• Found in 8 of 205 (3.9%) of genes in pham
• Manual Annotations of this start: 8 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cashline_62 (CY6), CheeseSpider_74 (CV), Hyzer_72 (CZ1), JuJu_74 (CV), KappaFarmDelta_68 (CV), PhrostedPhlake_70 (CV), ThankyouJordi_65 (CZ1), WelcomeAyanna_65 (CZ1),

Start 96:
• Found in 154 of 205 (75.1%) of genes in pham
• Manual Annotations of this start: 129 of 181

• Called 97.4% of time when present
• Phage (with cluster) where this start called: AbbyDaisy_82 (AY), Agueybana_67 (CZ1), Aikyam_78 (AY), Alatato_59 (FB), Altostratus_56 (FS), AlumE_65 (CZ1), Anekin_81 (AY), Angelique_59 (CY1), Annalisa_62 (CZ4), Antonio_63 (CZ1), ArchiDore_62 (DW), Arri_60 (DC1), Auxilium_77 (AY), Bakery_63 (DC1), Barco_63 (CV), BasketStar_79 (AY), BatStarr_65 (CZ1), BaxterFox_66 (CZ3), BeeGee_69 (CY5), BenchScraper_79 (AY), Bhageatrice_83 (AY), Bialota_61 (CZ1), BillyTP_80 (AY), Bjanes7_58 (CZ2), BlingBling_62 (CV), Blino_69 (CV), BlueShadow_77 (AY), Bosnia_64 (CZ1), BoyNamedSue_65 (CZ1), BrayBeast_59 (FB), Budski_87 (DN), Bunnybear_57 (CZ), CarolAnn_68 (CV), Cassini_76 (FN), CherryCola_60 (DC1), Clap_61 (CZ2), CookieBear_78 (AY), CoveyB_60 (DC1), Crescenzo_82 (AY), Cynthia_61 (CZ2), DarwinJr_83 (AY), Dillpickles_68 (CZ1), DreamEater_56 (FJ), Ebert_65 (CZ2), EdnaMode_57 (CZ2), EnalisNailo_60 (CY1), Eudoria_63 (CZ1), Eviarto_66 (CZ1), Faja_82 (AY), FroggyToad_59 (CZ2), Frokostdame_66 (CV), GUPitcher_56 (FJ), GemG_61 (CZ2), Gezellig_57 (DC1), Gibbzilla_63 (FB), Gizermo_61 (CZ2), Globfish_79 (AY), Gorpy_77 (AY), Haley23_61 (CZ2), Halo3_58 (DC1), Herod_67 (CZ1), Hestia_73 (AY), Hillester_83 (AY), Hugley_65 (CZ1), Isolde_77 (AY), JCole_57 (CZ2), JakeTheSnake_82 (AY), Jalleen_64 (CZ2), JeanClaude_58 (FB), JellyBread_76 (AY), Kabloowy_78 (AY), Khuang_56 (FS), Kita_64 (CZ1), Kuwabara_82 (DN4), Lamberg_57 (CZ2), Lawnathon_81 (AY), LeBruni_80 (AY), Lilas_61 (CY1), LonelyBoi_62 (CY7), Lucky10_60 (DH), MUWow_82 (AY), Madavieve_61 (CZ1), Madeline_61 (CZ1), MakCheese_70 (DW), Malibo_65 (DW), Manasvini_64 (CZ1), Mao1_72 (AD), Mapleville_74 (AY), Maridalia_65 (CZ1), MaterMagnus_79 (AY), Mocha12_61 (CZ2), Moosehead_64 (CZ6), Murp_66 (CV), Neobush_65 (CZ1), Nettuno_57 (CZ2), NewKitty_81 (AY), Nyilah_83 (AY), Nymphadora_66 (CZ1), Persistence_73 (AY), PetriParty_60 (FJ), Phayonce_54 (P5), Phlop_57 (DC1), Phrank15_83 (AY), Pickett_56 (CZ2), Pigu_55 (FB), Piper2020_75 (F1), Polly_60 (CZ1), RadFad_84 (AY), Raphaella_80 (AY), Raqqa_77 (AY), RavenCo17_61 (CZ8), Rooter_60 (FB), Ruthy_62 (DW), Sahara_60 (CZ2), Sakai_76 (AY), Sashimi_77 (AY), Satrap_79 (AY), Savage_61 (CZ2), Seahorse_87 (AY), Shoya_59 (FB), Shukran_76 (AY), Sixsevenium_61 (DC1), Soilmate_71 (CV), SonDevVon_86 (AY), SpicyFrank_81 (AY), Sporco_82 (AY), Sproutie_61 (CZ2), Suerte_58 (CZ4), Suscepit_63 (CZ1), SushiChef_61 (CZ), TPA4_74 (singleton), Tayonia_63 (CZ1), Tiff81_75 (AY), TimTam_66 (CZ1), TripleJ_60 (FJ), Trumpet_63 (CZ1), TuertoX_61 (CZ2), Valary_60 (DC1), VanDeWege_61 (DC1), Vasanti_59 (CZ2), Vopal_81 (AY), Whiteclaw_61 (CZ2), Windest_83 (AY), Wizard_57 (DC1), Yeet412_58 (CZ2), Yinzer_61 (CZ2), YoungHarleezy_79 (AY), Zameen_63 (CZ1), Zilla_63 (CV), Zirinka_60 (CZ1),

Start 97:
• Found in 1 of 205 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: PantheRoc_69 (CZ3),

Start 98:
• Found in 33 of 205 (16.1%) of genes in pham
• Manual Annotations of this start: 33 of 181
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aloeri_74 (F1), ArcusAngelus_76 (F1), Awesomesauce_73 (F1), BodEinwohner17_75 (F1), Boomer_72 (F1), Che9c_65 (I2), Chevrolet_78 (F1), ChickenDinner_73 (F1), Dante_67 (F1), DocMcStuffins_73 (F1), Dori_72 (AD), EMsquaredA_64 (CY1), Farewell_66 (AF), Flathead_69 (F1), Floral_65

(CY1), LunaStella_69 (F4), Marker_72 (F1), Marteena_63 (CY1), Matteo_54 (CZ2), MilleniumForce_70 (F1), Misha28_71 (F1), PMC_64 (F1), Pollux_67 (CY1), Purky_57 (P6), Rockne_68 (F1), SkinnyPete_52 (N), Sparky_64 (AF), Spartacus_74 (F1), TChen_71 (F4), ThetaBob_75 (F4), TootsiePop_71 (F1), Xavia_59 (P3), Yoshi_85 (F2),

Start 100:
• Found in 33 of 205 (16.1%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 6.1% of time when present
• Phage (with cluster) where this start called: BellaJr_74 (FN), Zucker_77 (FN),

Start 104:
• Found in 59 of 205 (28.8%) of genes in pham
• Manual Annotations of this start: 1 of 181
• Called 1.7% of time when present
• Phage (with cluster) where this start called: Richie_82 (AY),

Summary by clusters:

There are 33 clusters represented in this pham: DN, singleton, FS, DH, CZ2, CZ3, CZ1, CZ6, CZ8, CZ4, FB, DW, FJ, FN, AD, P5, DN4, P3, CY1, CY7, CY6, CY5, AF, N, CZ, AY, CV, DC1, F1, F2, F4, P6, I2,

Info for manual annotations of cluster AD:
•Start number 96 was manually annotated 1 time for cluster AD.
•Start number 98 was manually annotated 1 time for cluster AD.

Info for manual annotations of cluster AF:
•Start number 98 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AY:
•Start number 69 was manually annotated 1 time for cluster AY.
•Start number 94 was manually annotated 3 times for cluster AY.
•Start number 96 was manually annotated 37 times for cluster AY.
•Start number 104 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster CV:
•Start number 95 was manually annotated 4 times for cluster CV.
•Start number 96 was manually annotated 7 times for cluster CV.

Info for manual annotations of cluster CY1:
•Start number 96 was manually annotated 3 times for cluster CY1.
•Start number 98 was manually annotated 4 times for cluster CY1.

Info for manual annotations of cluster CY5:
•Start number 96 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:
•Start number 95 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:
•Start number 96 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster CZ:
•Start number 96 was manually annotated 1 time for cluster CZ.

Info for manual annotations of cluster CZ1:
•Start number 95 was manually annotated 3 times for cluster CZ1.
•Start number 96 was manually annotated 23 times for cluster CZ1.

Info for manual annotations of cluster CZ2:
•Start number 96 was manually annotated 20 times for cluster CZ2.
•Start number 98 was manually annotated 1 time for cluster CZ2.

Info for manual annotations of cluster CZ3:
•Start number 96 was manually annotated 1 time for cluster CZ3.
•Start number 97 was manually annotated 1 time for cluster CZ3.

Info for manual annotations of cluster CZ4:
•Start number 96 was manually annotated 2 times for cluster CZ4.

Info for manual annotations of cluster CZ6:
•Start number 96 was manually annotated 1 time for cluster CZ6.

Info for manual annotations of cluster CZ8:
•Start number 96 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DC1:
•Start number 96 was manually annotated 10 times for cluster DC1.

Info for manual annotations of cluster DH:
•Start number 96 was manually annotated 1 time for cluster DH.

Info for manual annotations of cluster DN:
•Start number 96 was manually annotated 1 time for cluster DN.

Info for manual annotations of cluster DN4:
•Start number 96 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster DW:
•Start number 58 was manually annotated 1 time for cluster DW.
•Start number 96 was manually annotated 3 times for cluster DW.

Info for manual annotations of cluster F1:
•Start number 96 was manually annotated 1 time for cluster F1.
•Start number 98 was manually annotated 17 times for cluster F1.

Info for manual annotations of cluster F2:
•Start number 98 was manually annotated 1 time for cluster F2.

Info for manual annotations of cluster F4:
•Start number 98 was manually annotated 3 times for cluster F4.

Info for manual annotations of cluster FB:
•Start number 96 was manually annotated 6 times for cluster FB.

Info for manual annotations of cluster FJ:
•Start number 96 was manually annotated 3 times for cluster FJ.

Info for manual annotations of cluster FN:
•Start number 94 was manually annotated 1 time for cluster FN.
•Start number 96 was manually annotated 1 time for cluster FN.
•Start number 100 was manually annotated 1 time for cluster FN.

Info for manual annotations of cluster FS:
•Start number 96 was manually annotated 2 times for cluster FS.

Info for manual annotations of cluster I2:
•Start number 98 was manually annotated 1 time for cluster I2.

Info for manual annotations of cluster N:
•Start number 98 was manually annotated 1 time for cluster N.

Info for manual annotations of cluster P3:
•Start number 98 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P5:
•Start number 96 was manually annotated 1 time for cluster P5.

Info for manual annotations of cluster P6:
•Start number 98 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: AbbyDaisy_82 Start: 45997, Stop: 47574, Start Num: 96
Candidate Starts for AbbyDaisy_82:
(63, 45919), (Start: 96 @45997 has 129 MA's), (102, 46018), (Start: 104 @46057 has 1 MA's), (110, 46087), (128, 46324), (129, 46333), (135, 46387), (140, 46408), (143, 46432), (146, 46462), (148, 46468), (149, 46477), (152, 46525), (154, 46534), (161, 46612), (164, 46624), (170, 46693), (179, 46810), (213, 46978), (225, 47032), (238, 47122), (244, 47179), (245, 47185), (249, 47209), (252, 47218), (257, 47248), (258, 47263), (261, 47275), (282, 47413), (285, 47443), (287, 47467), (299, 47560),

Gene: Agueybana_67 Start: 44681, Stop: 46258, Start Num: 96
Candidate Starts for Agueybana_67:
(44, 44537), (70, 44612), (73, 44615), (Start: 96 @44681 has 129 MA's), (99, 44687), (128, 45008), (131, 45053), (142, 45110), (143, 45116), (146, 45146), (147, 45149), (149, 45161), (152, 45209), (154, 45218), (156, 45260), (164, 45308), (170, 45380), (179, 45497), (200, 45617), (204, 45665), (224, 45743), (230, 45776), (259, 45950), (260, 45953), (265, 45989), (282, 46097), (285, 46127), (292, 46181),

Gene: Aikyam_78 Start: 42265, Stop: 43836, Start Num: 96
Candidate Starts for Aikyam_78:
(Start: 96 @42265 has 129 MA's), (102, 42286), (Start: 104 @42325 has 1 MA's), (110, 42355), (128, 42592), (129, 42601), (135, 42655), (140, 42676), (142, 42694), (143, 42700), (146, 42730), (148, 42736), (149, 42745), (152, 42793), (164, 42892), (176, 43027), (179, 43078), (226, 43303), (229,

43324), (235, 43360), (238, 43384), (244, 43441), (245, 43447), (249, 43471), (257, 43510), (258, 43525), (261, 43537), (282, 43675), (285, 43705), (287, 43729), (299, 43822),

Gene: Alatato_59 Start: 33126, Stop: 34595, Start Num: 96
Candidate Starts for Alatato_59:
(4, 32646), (65, 33048), (Start: 96 @33126 has 129 MA's), (Start: 100 @33138 has 1 MA's), (102, 33147), (Start: 104 @33186 has 1 MA's), (108, 33204), (113, 33270), (120, 33363), (128, 33453), (129, 33462), (135, 33516), (140, 33537), (142, 33555), (143, 33561), (149, 33606), (152, 33654), (153, 33660), (162, 33747), (170, 33825), (172, 33846), (186, 33987), (201, 34080), (202, 34083), (208, 34098), (218, 34134), (223, 34158), (244, 34218), (245, 34224), (249, 34248), (258, 34302), (282, 34434), (285, 34464), (287, 34488), (292, 34518), (298, 34569),

Gene: Aloeri_74 Start: 44615, Stop: 46129, Start Num: 98
Candidate Starts for Aloeri_74:
(66, 44531), (87, 44573), (Start: 98 @44615 has 33 MA's), (106, 44684), (114, 44762), (120, 44849), (125, 44900), (128, 44939), (129, 44948), (135, 45002), (142, 45041), (143, 45047), (146, 45077), (149, 45092), (152, 45140), (153, 45146), (154, 45149), (159, 45209), (163, 45236), (164, 45239), (168, 45296), (172, 45335), (179, 45431), (198, 45518), (199, 45524), (200, 45533), (210, 45566), (217, 45599), (224, 45626), (227, 45650), (242, 45749), (251, 45779), (255, 45797), (257, 45815), (258, 45830), (276, 45926), (282, 45965), (285, 45995), (301, 46118),

Gene: Altostratus_56 Start: 32137, Stop: 33381, Start Num: 96
Candidate Starts for Altostratus_56:
(91, 32122), (Start: 96 @32137 has 129 MA's), (108, 32212), (120, 32371), (128, 32467), (132, 32515), (135, 32530), (136, 32536), (143, 32575), (149, 32620), (154, 32677), (162, 32755), (169, 32833), (170, 32836), (174, 32869), (260, 33091), (267, 33118), (275, 33178), (280, 33208), (282, 33220), (284, 33241), (285, 33250), (289, 33286), (291, 33301), (300, 33370),

Gene: AlumE_65 Start: 44344, Stop: 45924, Start Num: 96
Candidate Starts for AlumE_65:
(70, 44272), (73, 44275), (Start: 96 @44344 has 129 MA's), (99, 44350), (120, 44581), (125, 44632), (128, 44671), (139, 44752), (142, 44773), (143, 44779), (147, 44812), (149, 44824), (152, 44872), (154, 44881), (164, 44971), (170, 45043), (179, 45160), (200, 45280), (204, 45328), (223, 45397), (224, 45406), (230, 45439), (236, 45478), (260, 45616), (265, 45652), (282, 45760), (285, 45790), (292, 45844), (301, 45913),

Gene: Anekin_81 Start: 45011, Stop: 46582, Start Num: 96
Candidate Starts for Anekin_81:
(Start: 96 @45011 has 129 MA's), (102, 45032), (Start: 104 @45071 has 1 MA's), (110, 45101), (128, 45338), (129, 45347), (135, 45401), (140, 45422), (143, 45446), (148, 45482), (149, 45491), (152, 45539), (154, 45548), (161, 45626), (164, 45638), (176, 45773), (179, 45824), (186, 45869), (229, 46070), (235, 46106), (238, 46130), (244, 46187), (245, 46193), (249, 46217), (252, 46226), (257, 46256), (258, 46271), (261, 46283), (282, 46421), (285, 46451), (287, 46475),

Gene: Angelique_59 Start: 42888, Stop: 44414, Start Num: 96
Candidate Starts for Angelique_59:
(27, 42672), (29, 42681), (45, 42744), (70, 42819), (73, 42822), (Start: 96 @42888 has 129 MA's), (99, 42894), (120, 43125), (125, 43176), (128, 43215), (131, 43260), (142, 43317), (143, 43323), (147, 43356), (149, 43368), (152, 43416), (154, 43425), (156, 43467), (164, 43515), (170, 43587), (179, 43704), (193, 43776), (224, 43899), (230, 43932), (256, 44079), (260, 44109), (270, 44178), (282, 44253), (285, 44283), (292, 44337),

Gene: Annalisa_62 Start: 40576, Stop: 42105, Start Num: 96

Candidate Starts for Annalisa_62:
(54, 40453), (Start: 96 @40576 has 129 MA's), (99, 40582), (Start: 100 @40588 has 1 MA's), (114, 40726), (120, 40813), (128, 40903), (142, 41005), (143, 41011), (144, 41020), (146, 41041), (147, 41044), (149, 41056), (152, 41104), (154, 41113), (164, 41203), (170, 41275), (179, 41392), (193, 41464), (223, 41578), (224, 41587), (230, 41620), (255, 41758), (257, 41776), (260, 41797), (282, 41941), (285, 41971), (292, 42025),

Gene: Antonio_63 Start: 42163, Stop: 43740, Start Num: 96
Candidate Starts for Antonio_63:
(70, 42094), (73, 42097), (Start: 96 @42163 has 129 MA's), (99, 42169), (Start: 100 @42175 has 1 MA's), (102, 42184), (108, 42241), (120, 42400), (128, 42490), (131, 42535), (142, 42592), (143, 42598), (147, 42631), (149, 42643), (152, 42691), (154, 42700), (156, 42742), (164, 42790), (170, 42862), (179, 42979), (200, 43099), (204, 43147), (223, 43216), (224, 43225), (230, 43258), (236, 43297), (256, 43405), (260, 43435), (282, 43579), (285, 43609), (292, 43663),

Gene: ArchiDore_62 Start: 43868, Stop: 45436, Start Num: 96
Candidate Starts for ArchiDore_62:
(16, 43574), (20, 43607), (25, 43634), (Start: 96 @43868 has 129 MA's), (125, 44156), (128, 44195), (131, 44240), (142, 44297), (143, 44303), (147, 44336), (149, 44348), (152, 44396), (164, 44495), (170, 44567), (179, 44684), (200, 44804), (204, 44852), (224, 44930), (230, 44963), (260, 45140), (266, 45167), (282, 45275), (285, 45305), (292, 45359),

Gene: ArcusAngelus_76 Start: 45995, Stop: 47422, Start Num: 98
Candidate Starts for ArcusAngelus_76:
(Start: 98 @45995 has 33 MA's), (101, 46007), (102, 46013), (109, 46076), (112, 46103), (121, 46241), (128, 46319), (131, 46364), (136, 46388), (143, 46427), (149, 46472), (150, 46484), (154, 46529), (155, 46562), (164, 46619), (165, 46625), (168, 46676), (170, 46694), (172, 46715), (173, 46724), (176, 46760), (178, 46796), (179, 46811), (211, 46865), (219, 46898), (224, 46919), (227, 46943), (241, 47039), (242, 47042), (276, 47219), (279, 47237), (280, 47246), (281, 47249), (282, 47258), (283, 47261), (285, 47288), (290, 47336), (293, 47357), (297, 47390), (301, 47411),

Gene: Arri_60 Start: 43821, Stop: 45401, Start Num: 96
Candidate Starts for Arri_60:
(1, 43194), (5, 43413), (40, 43662), (60, 43719), (Start: 96 @43821 has 129 MA's), (128, 44148), (131, 44193), (142, 44250), (143, 44256), (147, 44289), (149, 44301), (152, 44349), (154, 44358), (156, 44400), (179, 44637), (200, 44757), (204, 44805), (224, 44883), (230, 44916), (246, 45015), (253, 45048), (260, 45096), (282, 45240), (285, 45270), (292, 45324),

Gene: Auxilium_77 Start: 41952, Stop: 43523, Start Num: 96
Candidate Starts for Auxilium_77:
(Start: 96 @41952 has 129 MA's), (102, 41973), (Start: 104 @42012 has 1 MA's), (110, 42042), (120, 42189), (128, 42279), (129, 42288), (135, 42342), (140, 42363), (142, 42381), (143, 42387), (146, 42417), (148, 42423), (149, 42432), (152, 42480), (161, 42567), (164, 42579), (176, 42714), (179, 42765), (226, 42990), (229, 43011), (235, 43047), (238, 43071), (244, 43128), (245, 43134), (249, 43158), (252, 43167), (257, 43197), (258, 43212), (261, 43224), (282, 43362), (285, 43392), (287, 43416),

Gene: Awesomesauce_73 Start: 43698, Stop: 45212, Start Num: 98
Candidate Starts for Awesomesauce_73:
(66, 43614), (87, 43656), (Start: 98 @43698 has 33 MA's), (106, 43767), (114, 43845), (120, 43932), (125, 43983), (128, 44022), (129, 44031), (135, 44085), (142, 44124), (143, 44130), (146, 44160), (149, 44175), (152, 44223), (153, 44229), (154, 44232), (159, 44292), (163, 44319), (164, 44322), (168, 44379), (172, 44418), (179, 44514), (198, 44601), (199, 44607), (200, 44616), (210, 44649),

(217, 44682), (224, 44709), (227, 44733), (242, 44832), (251, 44862), (255, 44880), (257, 44898), (258, 44913), (276, 45009), (282, 45048), (285, 45078), (301, 45201),

Gene: Bakery_63 Start: 45011, Stop: 46591, Start Num: 96
Candidate Starts for Bakery_63:
(5, 44603), (40, 44852), (60, 44909), (Start: 96 @45011 has 129 MA's), (120, 45248), (128, 45338), (130, 45365), (131, 45383), (142, 45440), (143, 45446), (147, 45479), (149, 45491), (152, 45539), (164, 45638), (179, 45827), (200, 45947), (204, 45995), (224, 46073), (230, 46106), (242, 46196), (246, 46205), (253, 46238), (260, 46286), (268, 46334), (282, 46430), (285, 46460), (292, 46514),

Gene: Barco_63 Start: 40408, Stop: 41934, Start Num: 96
Candidate Starts for Barco_63:
(43, 40258), (48, 40267), (89, 40378), (Start: 96 @40408 has 129 MA's), (126, 40699), (128, 40735), (142, 40837), (143, 40843), (146, 40873), (147, 40876), (149, 40888), (152, 40936), (154, 40945), (156, 40987), (164, 41035), (168, 41089), (170, 41107), (179, 41224), (193, 41296), (223, 41410), (224, 41419), (230, 41452), (259, 41626), (260, 41629), (282, 41773), (285, 41803), (292, 41857),

Gene: BasketStar_79 Start: 44729, Stop: 46195, Start Num: 96
Candidate Starts for BasketStar_79:
(63, 44651), (Start: 96 @44729 has 129 MA's), (102, 44750), (Start: 104 @44789 has 1 MA's), (110, 44819), (128, 45056), (129, 45065), (140, 45140), (141, 45155), (143, 45164), (148, 45200), (149, 45209), (152, 45257), (161, 45344), (164, 45356), (179, 45542), (186, 45587), (213, 45701), (223, 45734), (227, 45770), (244, 45800), (245, 45806), (249, 45830), (252, 45839), (257, 45869), (258, 45884), (261, 45896), (282, 46034), (285, 46064), (287, 46088),

Gene: BatStarr_65 Start: 44724, Stop: 46301, Start Num: 96
Candidate Starts for BatStarr_65:
(73, 44658), (Start: 96 @44724 has 129 MA's), (120, 44961), (128, 45051), (131, 45096), (142, 45153), (143, 45159), (147, 45192), (149, 45204), (152, 45252), (156, 45303), (164, 45351), (179, 45540), (200, 45660), (204, 45708), (210, 45726), (223, 45777), (224, 45786), (230, 45819), (236, 45858), (256, 45966), (260, 45996), (265, 46032), (282, 46140), (285, 46170), (292, 46224),

Gene: BaxterFox_66 Start: 44728, Stop: 46254, Start Num: 96
Candidate Starts for BaxterFox_66:
(80, 44677), (Start: 96 @44728 has 129 MA's), (106, 44800), (120, 44965), (128, 45055), (131, 45100), (142, 45157), (143, 45163), (147, 45196), (149, 45208), (152, 45256), (154, 45265), (156, 45307), (164, 45355), (170, 45427), (172, 45448), (179, 45544), (193, 45616), (223, 45730), (224, 45739), (230, 45772), (239, 45832), (257, 45928), (260, 45949), (282, 46093), (285, 46123), (292, 46177),

Gene: BeeGee_69 Start: 44179, Stop: 45723, Start Num: 96
Candidate Starts for BeeGee_69:
(22, 43933), (46, 44035), (70, 44110), (73, 44113), (Start: 96 @44179 has 129 MA's), (99, 44185), (108, 44257), (127, 44500), (128, 44506), (138, 44596), (143, 44626), (146, 44656), (149, 44671), (153, 44725), (154, 44728), (164, 44818), (168, 44872), (175, 44926), (178, 44992), (179, 45007), (192, 45073), (194, 45097), (224, 45220), (243, 45337), (248, 45373), (254, 45394), (282, 45562), (285, 45592), (286, 45613), (287, 45616), (292, 45646), (294, 45664),

Gene: BellaJr_74 Start: 43248, Stop: 44678, Start Num: 100
Candidate Starts for BellaJr_74:
(Start: 96 @43236 has 129 MA's), (99, 43242), (Start: 100 @43248 has 1 MA's), (102, 43257), (Start: 104 @43296 has 1 MA's), (128, 43563), (129, 43572), (135, 43626), (140, 43647), (142, 43665), (143, 43671), (149, 43716), (152, 43764), (153, 43770), (162, 43857), (170, 43935), (172, 43956), (190, 44112), (202, 44193), (223, 44244), (244, 44301), (245, 44307), (249, 44331), (258, 44385), (282,

44517), (285, 44547), (287, 44571), (292, 44601), (298, 44652),

Gene: BenchScraper_79 Start: 42970, Stop: 44436, Start Num: 96
Candidate Starts for BenchScraper_79:
(83, 42934), (Start: 96 @42970 has 129 MA's), (102, 42991), (Start: 104 @43030 has 1 MA's), (110, 43060), (117, 43156), (128, 43297), (129, 43306), (140, 43381), (141, 43396), (143, 43405), (148, 43441), (149, 43450), (152, 43498), (161, 43585), (164, 43597), (179, 43783), (186, 43828), (213, 43942), (223, 43975), (227, 44011), (244, 44041), (245, 44047), (249, 44071), (252, 44080), (257, 44110), (258, 44125), (261, 44137), (282, 44275), (285, 44305), (287, 44329),

Gene: Bhageatrice_83 Start: 46793, Stop: 48364, Start Num: 96
Candidate Starts for Bhageatrice_83:
(Start: 96 @46793 has 129 MA's), (102, 46814), (Start: 104 @46853 has 1 MA's), (110, 46883), (128, 47120), (140, 47204), (143, 47228), (148, 47264), (149, 47273), (152, 47321), (161, 47408), (164, 47420), (179, 47606), (202, 47747), (229, 47852), (235, 47888), (238, 47912), (244, 47969), (245, 47975), (249, 47999), (252, 48008), (257, 48038), (258, 48053), (261, 48065), (282, 48203), (285, 48233), (287, 48257),

Gene: Bialota_61 Start: 42795, Stop: 44375, Start Num: 96
Candidate Starts for Bialota_61:
(70, 42726), (73, 42729), (Start: 96 @42795 has 129 MA's), (99, 42801), (Start: 100 @42807 has 1 MA's), (102, 42816), (108, 42873), (120, 43032), (125, 43083), (128, 43122), (131, 43167), (142, 43224), (143, 43230), (147, 43263), (149, 43275), (152, 43323), (154, 43332), (156, 43374), (164, 43422), (170, 43494), (179, 43611), (200, 43731), (204, 43779), (210, 43797), (224, 43857), (230, 43890), (242, 43980), (260, 44067), (282, 44211), (285, 44241), (292, 44295),

Gene: BillyTP_80 Start: 44963, Stop: 46426, Start Num: 96
Candidate Starts for BillyTP_80:
(Start: 96 @44963 has 129 MA's), (102, 44984), (Start: 104 @45023 has 1 MA's), (110, 45053), (128, 45290), (129, 45299), (135, 45353), (140, 45374), (142, 45392), (143, 45398), (146, 45428), (148, 45434), (149, 45443), (152, 45491), (153, 45497), (161, 45578), (164, 45590), (176, 45725), (179, 45776), (186, 45821), (213, 45935), (223, 45968), (244, 46031), (245, 46037), (249, 46061), (252, 46070), (257, 46100), (258, 46115), (261, 46127), (282, 46265), (285, 46295), (287, 46319), (290, 46343), (299, 46412),

Gene: Bjanes7_58 Start: 38542, Stop: 40071, Start Num: 96
Candidate Starts for Bjanes7_58:
(70, 38473), (73, 38476), (Start: 96 @38542 has 129 MA's), (99, 38548), (128, 38869), (131, 38914), (142, 38971), (143, 38977), (147, 39010), (149, 39022), (152, 39070), (154, 39079), (156, 39121), (164, 39169), (170, 39241), (172, 39262), (179, 39358), (193, 39430), (223, 39544), (224, 39553), (230, 39586), (242, 39676), (260, 39763), (282, 39907), (285, 39937), (292, 39991),

Gene: BlackSpider_68 Start: 41508, Stop: 42755, Start Num: 94
Candidate Starts for BlackSpider_68:
(Start: 94 @41508 has 4 MA's), (118, 41712), (123, 41772), (128, 41844), (132, 41892), (141, 41943), (143, 41952), (148, 41988), (149, 41997), (154, 42054), (167, 42171), (171, 42231), (172, 42234), (174, 42246), (179, 42330), (260, 42468), (268, 42501), (274, 42549), (281, 42585), (282, 42594), (284, 42615), (285, 42624), (300, 42744),

Gene: BlingBling_62 Start: 41239, Stop: 42816, Start Num: 96
Candidate Starts for BlingBling_62:
(39, 41089), (41, 41098), (87, 41209), (Start: 96 @41239 has 129 MA's), (120, 41476), (128, 41566), (142, 41668), (143, 41674), (147, 41707), (149, 41719), (152, 41767), (154, 41776), (164, 41866),

(170, 41938), (179, 42055), (200, 42175), (204, 42223), (224, 42301), (230, 42334), (242, 42424), (260, 42511), (282, 42655), (285, 42685), (292, 42739),

Gene: Blino_69 Start: 46388, Stop: 47965, Start Num: 96
Candidate Starts for Blino_69:
(17, 46133), (85, 46352), (Start: 96 @46388 has 129 MA's), (120, 46625), (128, 46715), (131, 46760), (142, 46817), (143, 46823), (147, 46856), (149, 46868), (152, 46916), (154, 46925), (156, 46967), (164, 47015), (170, 47087), (179, 47204), (200, 47324), (204, 47372), (224, 47450), (236, 47522), (260, 47660), (282, 47804), (285, 47834), (292, 47888),

Gene: BlueShadow_77 Start: 44113, Stop: 45681, Start Num: 96
Candidate Starts for BlueShadow_77:
(11, 43747), (83, 44077), (Start: 96 @44113 has 129 MA's), (102, 44134), (Start: 104 @44173 has 1 MA's), (110, 44203), (128, 44440), (129, 44449), (135, 44503), (140, 44524), (142, 44542), (143, 44548), (148, 44584), (149, 44593), (152, 44641), (164, 44740), (170, 44809), (176, 44875), (179, 44926), (226, 45151), (232, 45181), (244, 45286), (245, 45292), (249, 45316), (252, 45325), (257, 45355), (258, 45370), (261, 45382), (282, 45520), (285, 45550), (287, 45574), (290, 45598), (299, 45667),

Gene: BodEinwohner17_75 Start: 46641, Stop: 48068, Start Num: 98
Candidate Starts for BodEinwohner17_75:
(Start: 98 @46641 has 33 MA's), (Start: 104 @46698 has 1 MA's), (108, 46716), (116, 46821), (121, 46887), (128, 46965), (129, 46974), (131, 47010), (136, 47034), (143, 47073), (146, 47103), (149, 47118), (150, 47130), (154, 47175), (155, 47208), (164, 47265), (165, 47271), (170, 47340), (172, 47361), (176, 47406), (177, 47409), (224, 47565), (227, 47589), (236, 47637), (242, 47688), (257, 47754), (276, 47865), (278, 47877), (279, 47883), (280, 47892), (281, 47895), (282, 47904), (283, 47907), (285, 47934), (288, 47961), (301, 48057),

Gene: Boomer_72 Start: 44736, Stop: 46163, Start Num: 98
Candidate Starts for Boomer_72:
(Start: 98 @44736 has 33 MA's), (101, 44748), (102, 44754), (109, 44817), (112, 44844), (121, 44982), (128, 45060), (131, 45105), (143, 45168), (146, 45198), (149, 45213), (150, 45225), (154, 45270), (164, 45360), (165, 45366), (168, 45417), (170, 45435), (173, 45465), (176, 45501), (178, 45537), (211, 45606), (219, 45639), (224, 45660), (227, 45684), (236, 45732), (242, 45783), (276, 45960), (279, 45978), (282, 45999), (283, 46002), (285, 46029), (288, 46056), (290, 46077), (293, 46098), (297, 46131), (301, 46152),

Gene: Bosnia_64 Start: 45202, Stop: 46728, Start Num: 96
Candidate Starts for Bosnia_64:
(81, 45151), (Start: 96 @45202 has 129 MA's), (112, 45313), (125, 45490), (128, 45529), (142, 45631), (143, 45637), (146, 45667), (147, 45670), (149, 45682), (152, 45730), (154, 45739), (156, 45781), (164, 45829), (170, 45901), (179, 46018), (224, 46213), (230, 46246), (260, 46423), (268, 46471), (282, 46567), (285, 46597), (292, 46651),

Gene: BoyNamedSue_65 Start: 44344, Stop: 45924, Start Num: 96
Candidate Starts for BoyNamedSue_65:
(70, 44272), (73, 44275), (Start: 96 @44344 has 129 MA's), (99, 44350), (120, 44581), (125, 44632), (128, 44671), (139, 44752), (142, 44773), (143, 44779), (147, 44812), (149, 44824), (152, 44872), (154, 44881), (164, 44971), (170, 45043), (179, 45160), (200, 45280), (204, 45328), (223, 45397), (224, 45406), (230, 45439), (236, 45478), (260, 45616), (265, 45652), (282, 45760), (285, 45790), (292, 45844), (301, 45913),

Gene: BrayBeast_59 Start: 32681, Stop: 34225, Start Num: 96

Candidate Starts for BrayBeast_59:
(Start: 96 @32681 has 129 MA's), (Start: 100 @32693 has 1 MA's), (102, 32702), (Start: 104 @32741 has 1 MA's), (120, 32918), (128, 33008), (129, 33017), (135, 33071), (140, 33092), (142, 33110), (143, 33116), (149, 33161), (152, 33209), (153, 33215), (164, 33311), (172, 33401), (195, 33584), (206, 33650), (218, 33677), (220, 33689), (223, 33701), (227, 33737), (237, 33779), (238, 33791), (244, 33848), (245, 33854), (249, 33878), (258, 33932), (282, 34064), (285, 34094), (287, 34118), (292, 34148), (298, 34199),

Gene: Budski_87 Start: 47845, Stop: 49278, Start Num: 96
Candidate Starts for Budski_87:
(27, 47617), (50, 47701), (51, 47704), (75, 47779), (Start: 96 @47845 has 129 MA's), (103, 47902), (105, 47908), (128, 48172), (143, 48280), (145, 48307), (147, 48313), (149, 48325), (154, 48382), (164, 48472), (168, 48526), (170, 48544), (179, 48661), (219, 48748), (224, 48769), (230, 48802), (260, 48979), (266, 49006), (280, 49102), (282, 49114), (285, 49144), (286, 49165), (296, 49240),

Gene: Bunnybear_57 Start: 41879, Stop: 43459, Start Num: 96
Candidate Starts for Bunnybear_57:
(Start: 96 @41879 has 129 MA's), (120, 42116), (128, 42206), (131, 42251), (142, 42308), (143, 42314), (146, 42344), (147, 42347), (149, 42359), (152, 42407), (154, 42416), (164, 42506), (170, 42578), (179, 42695), (200, 42815), (204, 42863), (223, 42932), (224, 42941), (230, 42974), (242, 43064), (246, 43073), (253, 43106), (260, 43154), (268, 43202), (282, 43298), (285, 43328), (292, 43382),

Gene: CarolAnn_68 Start: 46387, Stop: 47964, Start Num: 96
Candidate Starts for CarolAnn_68:
(17, 46132), (85, 46351), (Start: 96 @46387 has 129 MA's), (120, 46624), (128, 46714), (131, 46759), (142, 46816), (143, 46822), (147, 46855), (149, 46867), (152, 46915), (154, 46924), (156, 46966), (164, 47014), (170, 47086), (179, 47203), (200, 47323), (204, 47371), (224, 47449), (236, 47521), (260, 47659), (282, 47803), (285, 47833), (292, 47887),

Gene: Cashline_62 Start: 44043, Stop: 45572, Start Num: 95
Candidate Starts for Cashline_62:
(47, 43911), (49, 43914), (70, 43971), (73, 43974), (Start: 95 @44043 has 8 MA's), (99, 44049), (120, 44280), (125, 44331), (128, 44370), (131, 44415), (142, 44472), (143, 44478), (147, 44511), (149, 44523), (152, 44571), (154, 44580), (162, 44661), (164, 44670), (170, 44742), (179, 44859), (200, 44967), (210, 44997), (230, 45090), (260, 45267), (282, 45411), (285, 45441), (292, 45495),

Gene: Cassini_76 Start: 43767, Stop: 45209, Start Num: 96
Candidate Starts for Cassini_76:
(57, 43650), (87, 43731), (Start: 96 @43767 has 129 MA's), (99, 43773), (Start: 100 @43779 has 1 MA's), (102, 43788), (Start: 104 @43827 has 1 MA's), (108, 43845), (120, 44004), (128, 44094), (129, 44103), (135, 44157), (140, 44178), (142, 44196), (143, 44202), (149, 44247), (152, 44295), (153, 44301), (162, 44388), (170, 44466), (179, 44583), (186, 44628), (195, 44670), (219, 44763), (223, 44775), (244, 44832), (245, 44838), (249, 44862), (252, 44871), (258, 44916), (282, 45048), (285, 45078), (287, 45102), (290, 45126), (292, 45132), (298, 45183),

Gene: Che9c_65 Start: 45778, Stop: 47319, Start Num: 98
Candidate Starts for Che9c_65:
(88, 45736), (Start: 98 @45778 has 33 MA's), (106, 45847), (108, 45853), (114, 45925), (120, 46012), (125, 46063), (128, 46102), (129, 46111), (135, 46165), (142, 46204), (143, 46210), (146, 46240), (149, 46255), (152, 46303), (153, 46309), (154, 46312), (159, 46372), (163, 46399), (164, 46402), (168, 46459), (172, 46498), (177, 46546), (179, 46594), (187, 46642), (200, 46702), (227, 46822), (233, 46843), (242, 46924), (250, 46951), (251, 46954), (257, 46990), (260, 47011), (266, 47047),

(270, 47080), (271, 47083), (282, 47155), (285, 47185), (290, 47233),

Gene: CheeseSpider_74 Start: 43979, Stop: 45511, Start Num: 95
Candidate Starts for CheeseSpider_74:
(71, 43913), (Start: 95 @43979 has 8 MA's), (120, 44216), (128, 44306), (142, 44408), (143, 44414), (147, 44447), (149, 44459), (152, 44507), (154, 44516), (164, 44606), (170, 44678), (179, 44795), (200, 44903), (210, 44933), (230, 45026), (242, 45116), (247, 45125), (253, 45158), (260, 45206), (264, 45242), (282, 45350), (285, 45380), (292, 45434),

Gene: CherryCola_60 Start: 44491, Stop: 46023, Start Num: 96
Candidate Starts for CherryCola_60:
(2, 43927), (3, 43963), (5, 44083), (40, 44332), (60, 44389), (Start: 96 @44491 has 129 MA's), (128, 44818), (131, 44863), (142, 44920), (143, 44926), (147, 44959), (149, 44971), (152, 45019), (154, 45028), (164, 45118), (170, 45190), (179, 45307), (203, 45415), (209, 45445), (230, 45538), (242, 45628), (246, 45637), (253, 45670), (260, 45718), (282, 45862), (285, 45892), (292, 45946),

Gene: Chevrolet_78 Start: 45996, Stop: 47423, Start Num: 98
Candidate Starts for Chevrolet_78:
(Start: 98 @45996 has 33 MA's), (101, 46008), (102, 46014), (109, 46077), (112, 46104), (121, 46242), (128, 46320), (131, 46365), (136, 46389), (143, 46428), (149, 46473), (150, 46485), (154, 46530), (155, 46563), (164, 46620), (165, 46626), (168, 46677), (170, 46695), (172, 46716), (173, 46725), (176, 46761), (178, 46797), (179, 46812), (211, 46866), (219, 46899), (224, 46920), (227, 46944), (241, 47040), (242, 47043), (276, 47220), (279, 47238), (280, 47247), (281, 47250), (282, 47259), (283, 47262), (285, 47289), (290, 47337), (293, 47358), (297, 47391), (301, 47412),

Gene: ChickenDinner_73 Start: 44615, Stop: 46129, Start Num: 98
Candidate Starts for ChickenDinner_73:
(66, 44531), (87, 44573), (Start: 98 @44615 has 33 MA's), (106, 44684), (114, 44762), (120, 44849), (125, 44900), (128, 44939), (129, 44948), (135, 45002), (142, 45041), (143, 45047), (146, 45077), (149, 45092), (152, 45140), (153, 45146), (154, 45149), (159, 45209), (163, 45236), (164, 45239), (168, 45296), (172, 45335), (179, 45431), (198, 45518), (199, 45524), (200, 45533), (210, 45566), (217, 45599), (224, 45626), (227, 45650), (242, 45749), (251, 45779), (255, 45797), (257, 45815), (258, 45830), (276, 45926), (282, 45965), (285, 45995), (301, 46118),

Gene: Clap_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Clap_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: CookieBear_78 Start: 43444, Stop: 44910, Start Num: 96
Candidate Starts for CookieBear_78:
(11, 43078), (83, 43408), (Start: 96 @43444 has 129 MA's), (102, 43465), (Start: 104 @43504 has 1 MA's), (110, 43534), (117, 43630), (128, 43771), (129, 43780), (135, 43834), (140, 43855), (143, 43879), (146, 43909), (148, 43915), (149, 43924), (152, 43972), (164, 44071), (179, 44257), (186, 44302), (213, 44416), (223, 44449), (227, 44485), (244, 44515), (245, 44521), (249, 44545), (252, 44554), (257, 44584), (258, 44599), (261, 44611), (282, 44749), (285, 44779), (287, 44803), (299, 44896),

Gene: CosmicBrownie_76 Start: 42818, Stop: 44065, Start Num: 94
Candidate Starts for CosmicBrownie_76:

(74, 42749), (Start: 94 @42818 has 4 MA's), (106, 42893), (107, 42896), (118, 43022), (121, 43070), (128, 43154), (132, 43202), (141, 43253), (143, 43262), (148, 43298), (149, 43307), (152, 43355), (154, 43364), (166, 43472), (174, 43556), (176, 43589), (268, 43811), (282, 43904), (284, 43925), (285, 43934), (293, 44003), (299, 44051),

Gene: CoveyB_60 Start: 43536, Stop: 45116, Start Num: 96
Candidate Starts for CoveyB_60:
(2, 42972), (3, 43008), (5, 43128), (40, 43377), (60, 43434), (Start: 96 @43536 has 129 MA's), (128, 43863), (131, 43908), (142, 43965), (143, 43971), (147, 44004), (149, 44016), (152, 44064), (154, 44073), (156, 44115), (179, 44352), (200, 44472), (204, 44520), (224, 44598), (230, 44631), (246, 44730), (253, 44763), (260, 44811), (282, 44955), (285, 44985), (292, 45039),

Gene: Crescenzo_82 Start: 46383, Stop: 47849, Start Num: 96
Candidate Starts for Crescenzo_82:
(Start: 96 @46383 has 129 MA's), (102, 46404), (Start: 104 @46443 has 1 MA's), (110, 46473), (128, 46710), (140, 46794), (143, 46818), (148, 46854), (149, 46863), (152, 46911), (161, 46998), (164, 47010), (179, 47196), (186, 47241), (213, 47355), (223, 47388), (227, 47424), (244, 47454), (245, 47460), (249, 47484), (252, 47493), (257, 47523), (258, 47538), (261, 47550), (282, 47688), (285, 47718), (287, 47742),

Gene: Cynthia_61 Start: 38719, Stop: 40248, Start Num: 96
Candidate Starts for Cynthia_61:
(70, 38650), (73, 38653), (Start: 96 @38719 has 129 MA's), (99, 38725), (128, 39046), (131, 39091), (142, 39148), (143, 39154), (147, 39187), (149, 39199), (152, 39247), (154, 39256), (156, 39298), (164, 39346), (170, 39418), (172, 39439), (179, 39535), (193, 39607), (223, 39721), (224, 39730), (230, 39763), (242, 39853), (260, 39940), (282, 40084), (285, 40114), (292, 40168),

Gene: Dante_67 Start: 42162, Stop: 43691, Start Num: 98
Candidate Starts for Dante_67:
(Start: 98 @42162 has 33 MA's), (106, 42231), (114, 42309), (120, 42396), (128, 42486), (129, 42495), (142, 42588), (143, 42594), (146, 42624), (149, 42639), (152, 42687), (153, 42693), (154, 42696), (159, 42756), (163, 42783), (164, 42786), (168, 42843), (172, 42882), (179, 42978), (198, 43065), (199, 43071), (200, 43080), (210, 43113), (224, 43173), (233, 43215), (236, 43245), (240, 43281), (242, 43296), (250, 43323), (251, 43326), (257, 43362), (260, 43383), (266, 43419), (270, 43452), (271, 43455), (282, 43527), (285, 43557), (290, 43605), (293, 43626), (297, 43659), (301, 43680),

Gene: DarwinJr_83 Start: 46338, Stop: 47804, Start Num: 96
Candidate Starts for DarwinJr_83:
(Start: 96 @46338 has 129 MA's), (102, 46359), (Start: 104 @46398 has 1 MA's), (110, 46428), (128, 46665), (140, 46749), (143, 46773), (148, 46809), (149, 46818), (152, 46866), (161, 46953), (164, 46965), (179, 47151), (186, 47196), (213, 47310), (223, 47343), (227, 47379), (244, 47409), (245, 47415), (249, 47439), (252, 47448), (257, 47478), (258, 47493), (261, 47505), (282, 47643), (285, 47673), (287, 47697),

Gene: Dillpickles_68 Start: 42207, Stop: 43784, Start Num: 96
Candidate Starts for Dillpickles_68:
(70, 42138), (73, 42141), (Start: 96 @42207 has 129 MA's), (99, 42213), (Start: 100 @42219 has 1 MA's), (102, 42228), (108, 42285), (120, 42444), (128, 42534), (131, 42579), (142, 42636), (143, 42642), (147, 42675), (149, 42687), (152, 42735), (154, 42744), (156, 42786), (164, 42834), (170, 42906), (179, 43023), (200, 43143), (204, 43191), (223, 43260), (224, 43269), (230, 43302), (236, 43341), (256, 43449), (260, 43479), (282, 43623), (285, 43653), (292, 43707),

Gene: DillyDally_49 Start: 31245, Stop: 32495, Start Num: 92

Candidate Starts for DillyDally_49:
(Start: 92 @31245 has 1 MA's), (103, 31302), (108, 31323), (121, 31494), (128, 31578), (129, 31587), (132, 31626), (135, 31641), (143, 31686), (149, 31731), (154, 31788), (162, 31866), (168, 31929), (174, 31980), (179, 32064), (180, 32076), (275, 32289), (282, 32331), (284, 32352), (285, 32361), (289, 32397), (291, 32412), (300, 32484),

Gene: Ding_72 Start: 43969, Stop: 45216, Start Num: 94
Candidate Starts for Ding_72:
(Start: 94 @43969 has 4 MA's), (118, 44173), (121, 44221), (128, 44305), (132, 44353), (143, 44413), (148, 44449), (149, 44458), (154, 44515), (172, 44695), (179, 44791), (183, 44818), (263, 44950), (281, 45046), (282, 45055), (284, 45076), (285, 45085), (293, 45154),

Gene: DocMcStuffins_73 Start: 44615, Stop: 46129, Start Num: 98
Candidate Starts for DocMcStuffins_73:
(66, 44531), (87, 44573), (Start: 98 @44615 has 33 MA's), (106, 44684), (114, 44762), (120, 44849), (125, 44900), (128, 44939), (129, 44948), (135, 45002), (142, 45041), (143, 45047), (146, 45077), (149, 45092), (152, 45140), (153, 45146), (154, 45149), (159, 45209), (163, 45236), (164, 45239), (168, 45296), (172, 45335), (179, 45431), (198, 45518), (199, 45524), (200, 45533), (210, 45566), (217, 45599), (224, 45626), (227, 45650), (242, 45749), (251, 45779), (255, 45797), (257, 45815), (258, 45830), (276, 45926), (282, 45965), (285, 45995), (301, 46118),

Gene: Dori_72 Start: 54225, Stop: 55727, Start Num: 98
Candidate Starts for Dori_72:
(Start: 98 @54225 has 33 MA's), (106, 54294), (120, 54459), (125, 54510), (128, 54549), (129, 54558), (135, 54612), (142, 54651), (143, 54657), (146, 54687), (149, 54702), (152, 54750), (153, 54756), (154, 54759), (162, 54840), (164, 54849), (165, 54855), (168, 54906), (170, 54924), (179, 55041), (198, 55128), (200, 55143), (210, 55176), (211, 55182), (224, 55236), (236, 55308), (242, 55359), (245, 55365), (258, 55434), (273, 55518), (282, 55563), (285, 55593), (290, 55641),

Gene: DreamEater_56 Start: 36468, Stop: 37715, Start Num: 96
Candidate Starts for DreamEater_56:
(Start: 96 @36468 has 129 MA's), (103, 36525), (108, 36546), (121, 36717), (128, 36801), (129, 36810), (132, 36849), (136, 36870), (143, 36909), (149, 36954), (154, 37011), (158, 37062), (161, 37086), (275, 37512), (282, 37554), (284, 37575), (285, 37584), (289, 37620), (291, 37635), (293, 37653), (298, 37689),

Gene: EMsquaredA_64 Start: 43271, Stop: 44845, Start Num: 98
Candidate Starts for EMsquaredA_64:
(78, 43217), (Start: 98 @43271 has 33 MA's), (126, 43559), (128, 43595), (131, 43640), (142, 43697), (143, 43703), (146, 43733), (147, 43736), (149, 43748), (152, 43796), (154, 43805), (156, 43847), (164, 43895), (170, 43967), (172, 43988), (179, 44084), (200, 44204), (224, 44330), (230, 44363), (236, 44402), (260, 44540), (282, 44684), (285, 44714), (292, 44768), (296, 44810),

Gene: Ebert_65 Start: 39153, Stop: 40682, Start Num: 96
Candidate Starts for Ebert_65:
(70, 39084), (73, 39087), (Start: 96 @39153 has 129 MA's), (99, 39159), (128, 39480), (131, 39525), (142, 39582), (143, 39588), (147, 39621), (149, 39633), (152, 39681), (154, 39690), (156, 39732), (164, 39780), (170, 39852), (172, 39873), (179, 39969), (193, 40041), (223, 40155), (224, 40164), (230, 40197), (242, 40287), (260, 40374), (282, 40518), (285, 40548), (292, 40602),

Gene: EdnaMode_57 Start: 37984, Stop: 39561, Start Num: 96
Candidate Starts for EdnaMode_57:

(70, 37915), (73, 37918), (Start: 96 @37984 has 129 MA's), (99, 37990), (Start: 100 @37996 has 1 MA's), (102, 38005), (108, 38062), (120, 38221), (125, 38272), (128, 38311), (131, 38356), (142, 38413), (143, 38419), (147, 38452), (149, 38464), (152, 38512), (154, 38521), (156, 38563), (164, 38611), (170, 38683), (179, 38800), (200, 38920), (204, 38968), (210, 38986), (224, 39046), (230, 39079), (260, 39256), (282, 39400), (285, 39430), (292, 39484),

Gene: EnalisNailo_60 Start: 43074, Stop: 44633, Start Num: 96
Candidate Starts for EnalisNailo_60:
(78, 43023), (Start: 96 @43074 has 129 MA's), (106, 43146), (128, 43401), (131, 43446), (142, 43503), (143, 43509), (147, 43542), (149, 43554), (152, 43602), (154, 43611), (164, 43701), (168, 43755), (172, 43776), (179, 43872), (200, 43992), (204, 44040), (224, 44118), (230, 44151), (260, 44328), (282, 44472), (285, 44502), (292, 44556),

Gene: Eudoria_63 Start: 42163, Stop: 43740, Start Num: 96
Candidate Starts for Eudoria_63:
(70, 42094), (73, 42097), (Start: 96 @42163 has 129 MA's), (99, 42169), (Start: 100 @42175 has 1 MA's), (102, 42184), (108, 42241), (120, 42400), (128, 42490), (131, 42535), (142, 42592), (143, 42598), (147, 42631), (149, 42643), (152, 42691), (154, 42700), (156, 42742), (164, 42790), (170, 42862), (179, 42979), (200, 43099), (204, 43147), (223, 43216), (224, 43225), (230, 43258), (236, 43297), (256, 43405), (260, 43435), (282, 43579), (285, 43609), (292, 43663),

Gene: EvePickles_78 Start: 44846, Stop: 46093, Start Num: 94
Candidate Starts for EvePickles_78:
(42, 44693), (68, 44768), (Start: 94 @44846 has 4 MA's), (106, 44921), (107, 44924), (118, 45050), (121, 45098), (128, 45182), (132, 45230), (141, 45281), (143, 45290), (148, 45326), (149, 45335), (152, 45383), (154, 45392), (166, 45500), (174, 45584), (176, 45617), (179, 45668), (268, 45839), (282, 45932), (284, 45953), (285, 45962), (293, 46031), (299, 46079),

Gene: Eviarto_66 Start: 44699, Stop: 46276, Start Num: 96
Candidate Starts for Eviarto_66:
(73, 44633), (Start: 96 @44699 has 129 MA's), (120, 44936), (128, 45026), (131, 45071), (142, 45128), (143, 45134), (147, 45167), (149, 45179), (152, 45227), (156, 45278), (164, 45326), (179, 45515), (200, 45635), (204, 45683), (210, 45701), (223, 45752), (224, 45761), (230, 45794), (236, 45833), (256, 45941), (260, 45971), (265, 46007), (282, 46115), (285, 46145), (292, 46199),

Gene: Faja_82 Start: 45486, Stop: 46952, Start Num: 96
Candidate Starts for Faja_82:
(Start: 96 @45486 has 129 MA's), (102, 45507), (Start: 104 @45546 has 1 MA's), (110, 45576), (128, 45813), (129, 45822), (135, 45876), (140, 45897), (143, 45921), (146, 45951), (148, 45957), (149, 45966), (152, 46014), (164, 46113), (179, 46299), (186, 46344), (213, 46458), (223, 46491), (227, 46527), (244, 46557), (245, 46563), (249, 46587), (252, 46596), (257, 46626), (258, 46641), (261, 46653), (282, 46791), (285, 46821), (287, 46845), (290, 46869), (299, 46938),

Gene: Farewell_66 Start: 43090, Stop: 44370, Start Num: 98
Candidate Starts for Farewell_66:
(72, 43021), (Start: 98 @43090 has 33 MA's), (106, 43159), (114, 43237), (120, 43324), (125, 43375), (128, 43414), (129, 43423), (135, 43477), (142, 43516), (143, 43522), (146, 43552), (149, 43567), (152, 43615), (153, 43621), (154, 43624), (184, 43693), (198, 43744), (199, 43750), (200, 43759), (210, 43792), (224, 43852), (242, 43975), (251, 44005), (257, 44041), (260, 44062), (266, 44098), (270, 44131), (271, 44134), (272, 44158), (282, 44206), (285, 44236), (290, 44284),

Gene: Flathead_69 Start: 43259, Stop: 44686, Start Num: 98
Candidate Starts for Flathead_69:

(Start: 98 @43259 has 33 MA's), (Start: 104 @43316 has 1 MA's), (108, 43334), (116, 43439), (121, 43505), (128, 43583), (129, 43592), (131, 43628), (134, 43643), (136, 43652), (143, 43691), (146, 43721), (149, 43736), (150, 43748), (154, 43793), (164, 43883), (165, 43889), (168, 43940), (170, 43958), (173, 43988), (176, 44024), (178, 44060), (211, 44129), (219, 44162), (224, 44183), (227, 44207), (236, 44255), (242, 44306), (276, 44483), (279, 44501), (282, 44522), (283, 44525), (285, 44552), (288, 44579), (290, 44600), (293, 44621), (297, 44654), (301, 44675),

Gene: Floral_65 Start: 45156, Stop: 46730, Start Num: 98
Candidate Starts for Floral_65:
(78, 45102), (Start: 98 @45156 has 33 MA's), (126, 45444), (128, 45480), (131, 45525), (142, 45582), (143, 45588), (146, 45618), (147, 45621), (149, 45633), (152, 45681), (154, 45690), (156, 45732), (164, 45780), (170, 45852), (179, 45969), (200, 46089), (204, 46137), (224, 46215), (230, 46248), (242, 46338), (260, 46425), (282, 46569), (285, 46599), (292, 46653),

Gene: FroggyToad_59 Start: 38944, Stop: 40470, Start Num: 96
Candidate Starts for FroggyToad_59:
(37, 38776), (45, 38797), (70, 38872), (73, 38875), (Start: 96 @38944 has 129 MA's), (99, 38950), (120, 39181), (125, 39232), (128, 39271), (131, 39316), (133, 39322), (142, 39373), (143, 39379), (147, 39412), (149, 39424), (152, 39472), (154, 39481), (164, 39571), (170, 39643), (179, 39760), (193, 39832), (223, 39946), (224, 39955), (230, 39988), (260, 40165), (282, 40309), (285, 40339), (292, 40393),

Gene: Frokostdame_66 Start: 42064, Stop: 43590, Start Num: 96
Candidate Starts for Frokostdame_66:
(Start: 96 @42064 has 129 MA's), (114, 42214), (120, 42301), (125, 42352), (128, 42391), (131, 42436), (141, 42490), (142, 42493), (143, 42499), (147, 42532), (148, 42535), (149, 42544), (152, 42592), (154, 42601), (164, 42691), (179, 42880), (193, 42952), (223, 43066), (224, 43075), (230, 43108), (256, 43255), (260, 43285), (282, 43429), (285, 43459), (292, 43513), (301, 43582),

Gene: GUPitcher_56 Start: 36582, Stop: 37829, Start Num: 96
Candidate Starts for GUPitcher_56:
(Start: 96 @36582 has 129 MA's), (103, 36639), (108, 36660), (120, 36819), (121, 36831), (128, 36915), (129, 36924), (132, 36963), (136, 36984), (143, 37023), (149, 37068), (154, 37125), (158, 37176), (167, 37242), (174, 37317), (275, 37626), (282, 37668), (284, 37689), (285, 37698), (289, 37734), (291, 37749), (293, 37767), (298, 37803),

Gene: GemG_61 Start: 38725, Stop: 40254, Start Num: 96
Candidate Starts for GemG_61:
(70, 38656), (73, 38659), (Start: 96 @38725 has 129 MA's), (99, 38731), (128, 39052), (131, 39097), (142, 39154), (143, 39160), (147, 39193), (149, 39205), (152, 39253), (154, 39262), (156, 39304), (164, 39352), (170, 39424), (172, 39445), (179, 39541), (193, 39613), (223, 39727), (224, 39736), (230, 39769), (242, 39859), (260, 39946), (282, 40090), (285, 40120), (292, 40174),

Gene: Gezellig_57 Start: 43689, Stop: 45269, Start Num: 96
Candidate Starts for Gezellig_57:
(2, 43125), (3, 43161), (5, 43281), (40, 43530), (60, 43587), (Start: 96 @43689 has 129 MA's), (128, 44016), (131, 44061), (142, 44118), (143, 44124), (147, 44157), (149, 44169), (152, 44217), (154, 44226), (156, 44268), (179, 44505), (200, 44625), (204, 44673), (224, 44751), (230, 44784), (246, 44883), (253, 44916), (260, 44964), (282, 45108), (285, 45138), (292, 45192),

Gene: Gibbzilla_63 Start: 33987, Stop: 35237, Start Num: 96
Candidate Starts for Gibbzilla_63:

(Start: 96 @33987 has 129 MA's), (103, 34044), (108, 34065), (128, 34320), (132, 34368), (135, 34383), (143, 34428), (149, 34473), (154, 34530), (167, 34647), (168, 34671), (179, 34806), (180, 34818), (268, 34980), (275, 35031), (282, 35073), (284, 35094), (285, 35103), (289, 35139), (291, 35154),

Gene: Gizermo_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Gizermo_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Globfish_79 Start: 43154, Stop: 44596, Start Num: 96
Candidate Starts for Globfish_79:
(76, 43094), (87, 43118), (Start: 96 @43154 has 129 MA's), (99, 43160), (Start: 100 @43166 has 1 MA's), (102, 43175), (Start: 104 @43214 has 1 MA's), (108, 43232), (113, 43298), (114, 43304), (120, 43391), (122, 43412), (128, 43481), (135, 43544), (140, 43565), (142, 43583), (143, 43589), (149, 43634), (152, 43682), (162, 43775), (164, 43784), (179, 43970), (195, 44057), (219, 44150), (244, 44219), (245, 44225), (249, 44249), (252, 44258), (258, 44303), (282, 44435), (285, 44465), (287, 44489), (292, 44519), (298, 44570),

Gene: Gorpy_77 Start: 44685, Stop: 46253, Start Num: 96
Candidate Starts for Gorpy_77:
(Start: 96 @44685 has 129 MA's), (102, 44706), (Start: 104 @44745 has 1 MA's), (110, 44775), (128, 45012), (129, 45021), (135, 45075), (140, 45096), (143, 45120), (146, 45150), (148, 45156), (149, 45165), (151, 45186), (152, 45213), (164, 45312), (176, 45447), (179, 45498), (226, 45723), (228, 45729), (231, 45753), (244, 45858), (245, 45864), (249, 45888), (252, 45897), (257, 45927), (258, 45942), (261, 45954), (282, 46092), (285, 46122), (287, 46146), (290, 46170), (299, 46239),

Gene: GumGum_84 Start: 44619, Stop: 45866, Start Num: 94
Candidate Starts for GumGum_84:
(74, 44550), (Start: 94 @44619 has 4 MA's), (106, 44694), (107, 44697), (118, 44823), (121, 44871), (128, 44955), (132, 45003), (141, 45054), (143, 45063), (148, 45099), (149, 45108), (152, 45156), (154, 45165), (166, 45273), (174, 45357), (176, 45390), (179, 45441), (268, 45612), (282, 45705), (284, 45726), (285, 45735), (293, 45804), (299, 45852),

Gene: Haley23_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Haley23_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Halo3_58 Start: 44274, Stop: 45854, Start Num: 96
Candidate Starts for Halo3_58:
(2, 43710), (3, 43746), (5, 43866), (40, 44115), (60, 44172), (Start: 96 @44274 has 129 MA's), (128, 44601), (131, 44646), (142, 44703), (143, 44709), (147, 44742), (149, 44754), (152, 44802), (154, 44811), (156, 44853), (179, 45090), (200, 45210), (204, 45258), (224, 45336), (230, 45369), (246, 45468), (253, 45501), (260, 45549), (282, 45693), (285, 45723), (292, 45777),

Gene: Herod_67 Start: 45556, Stop: 47085, Start Num: 96
Candidate Starts for Herod_67:

(81, 45505), (Start: 96 @45556 has 129 MA's), (112, 45667), (125, 45844), (128, 45883), (142, 45985), (143, 45991), (147, 46024), (149, 46036), (152, 46084), (154, 46093), (156, 46135), (164, 46183), (170, 46255), (172, 46276), (179, 46372), (193, 46444), (223, 46558), (224, 46567), (230, 46600), (242, 46690), (260, 46777), (282, 46921), (285, 46951), (292, 47005),

Gene: Hestia_73 Start: 41709, Stop: 43175, Start Num: 96
Candidate Starts for Hestia_73:
(Start: 96 @41709 has 129 MA's), (102, 41730), (Start: 104 @41769 has 1 MA's), (110, 41799), (128, 42036), (129, 42045), (135, 42099), (140, 42120), (143, 42144), (146, 42174), (148, 42180), (149, 42189), (152, 42237), (164, 42336), (179, 42522), (186, 42567), (213, 42681), (223, 42714), (227, 42750), (244, 42780), (245, 42786), (249, 42810), (252, 42819), (257, 42849), (258, 42864), (261, 42876), (282, 43014), (285, 43044), (287, 43068), (290, 43092), (299, 43161),

Gene: Hillester_83 Start: 44856, Stop: 46322, Start Num: 96
Candidate Starts for Hillester_83:
(63, 44778), (Start: 96 @44856 has 129 MA's), (102, 44877), (Start: 104 @44916 has 1 MA's), (110, 44946), (128, 45183), (129, 45192), (140, 45267), (141, 45282), (143, 45291), (148, 45327), (149, 45336), (152, 45384), (161, 45471), (164, 45483), (179, 45669), (186, 45714), (213, 45828), (223, 45861), (227, 45897), (244, 45927), (245, 45933), (249, 45957), (252, 45966), (257, 45996), (258, 46011), (261, 46023), (282, 46161), (285, 46191), (287, 46215),

Gene: Hugley_65 Start: 45536, Stop: 47065, Start Num: 96
Candidate Starts for Hugley_65:
(81, 45485), (Start: 96 @45536 has 129 MA's), (112, 45647), (125, 45824), (128, 45863), (142, 45965), (143, 45971), (147, 46004), (149, 46016), (152, 46064), (154, 46073), (156, 46115), (164, 46163), (170, 46235), (172, 46256), (179, 46352), (193, 46424), (223, 46538), (224, 46547), (230, 46580), (242, 46670), (260, 46757), (282, 46901), (285, 46931), (292, 46985),

Gene: Hyzer_72 Start: 47312, Stop: 48832, Start Num: 95
Candidate Starts for Hyzer_72:
(14, 47012), (15, 47021), (32, 47132), (38, 47156), (77, 47258), (Start: 95 @47312 has 8 MA's), (120, 47549), (125, 47600), (128, 47639), (131, 47684), (139, 47720), (142, 47741), (143, 47747), (147, 47780), (149, 47792), (152, 47840), (164, 47939), (170, 48011), (179, 48128), (196, 48215), (200, 48236), (210, 48266), (230, 48359), (256, 48506), (260, 48536), (266, 48563), (282, 48671), (285, 48701), (292, 48755), (301, 48824),

Gene: Isolde_77 Start: 43555, Stop: 45126, Start Num: 96
Candidate Starts for Isolde_77:
(11, 43189), (83, 43519), (Start: 96 @43555 has 129 MA's), (102, 43576), (Start: 104 @43615 has 1 MA's), (110, 43645), (128, 43882), (129, 43891), (135, 43945), (140, 43966), (142, 43984), (143, 43990), (146, 44020), (148, 44026), (149, 44035), (152, 44083), (164, 44182), (175, 44287), (179, 44368), (226, 44593), (228, 44599), (229, 44614), (235, 44650), (238, 44674), (244, 44731), (245, 44737), (249, 44761), (252, 44770), (257, 44800), (258, 44815), (261, 44827), (282, 44965), (285, 44995), (287, 45019), (290, 45043), (299, 45112),

Gene: JCole_57 Start: 37050, Stop: 38579, Start Num: 96
Candidate Starts for JCole_57:
(22, 36804), (30, 36840), (46, 36906), (70, 36981), (73, 36984), (Start: 96 @37050 has 129 MA's), (99, 37056), (Start: 100 @37062 has 1 MA's), (102, 37071), (108, 37128), (127, 37371), (128, 37377), (138, 37467), (143, 37497), (146, 37527), (149, 37542), (153, 37596), (164, 37689), (168, 37743), (179, 37878), (188, 37926), (224, 38076), (243, 38193), (248, 38229), (254, 38250), (282, 38418), (285, 38448), (286, 38469), (287, 38472), (292, 38502), (294, 38520),

Gene: JakeTheSnake_82 Start: 46521, Stop: 47984, Start Num: 96
Candidate Starts for JakeTheSnake_82:
(73, 46461), (78, 46470), (Start: 96 @46521 has 129 MA's), (102, 46542), (Start: 104 @46581 has 1 MA's), (110, 46611), (128, 46848), (135, 46911), (140, 46932), (142, 46950), (143, 46956), (148, 46992), (149, 47001), (152, 47049), (161, 47136), (164, 47148), (179, 47334), (213, 47493), (226, 47559), (244, 47589), (245, 47595), (249, 47619), (252, 47628), (257, 47658), (258, 47673), (261, 47685), (282, 47823), (285, 47853), (287, 47877), (293, 47922),

Gene: Jalleen_64 Start: 39374, Stop: 40951, Start Num: 96
Candidate Starts for Jalleen_64:
(81, 39323), (Start: 96 @39374 has 129 MA's), (112, 39485), (125, 39662), (128, 39701), (142, 39803), (143, 39809), (147, 39842), (149, 39854), (152, 39902), (154, 39911), (156, 39953), (164, 40001), (170, 40073), (179, 40190), (200, 40310), (204, 40358), (224, 40436), (230, 40469), (260, 40646), (265, 40682), (282, 40790), (285, 40820), (292, 40874),

Gene: JeanClaude_58 Start: 31148, Stop: 32590, Start Num: 96
Candidate Starts for JeanClaude_58:
(Start: 96 @31148 has 129 MA's), (Start: 100 @31160 has 1 MA's), (102, 31169), (Start: 104 @31208 has 1 MA's), (120, 31385), (128, 31475), (129, 31484), (135, 31538), (140, 31559), (142, 31577), (143, 31583), (149, 31628), (152, 31676), (162, 31769), (195, 32051), (205, 32111), (223, 32156), (244, 32213), (245, 32219), (249, 32243), (258, 32297), (282, 32429), (285, 32459), (287, 32483), (292, 32513), (298, 32564),

Gene: JellyBread_76 Start: 43874, Stop: 45337, Start Num: 96
Candidate Starts for JellyBread_76:
(Start: 96 @43874 has 129 MA's), (102, 43895), (Start: 104 @43934 has 1 MA's), (110, 43964), (128, 44201), (129, 44210), (135, 44264), (140, 44285), (143, 44309), (146, 44339), (148, 44345), (149, 44354), (152, 44402), (161, 44489), (164, 44501), (176, 44636), (179, 44687), (181, 44708), (186, 44732), (219, 44867), (244, 44942), (245, 44948), (249, 44972), (252, 44981), (257, 45011), (258, 45026), (261, 45038), (282, 45176), (285, 45206), (287, 45230), (290, 45254), (299, 45323),

Gene: JuJu_74 Start: 45794, Stop: 47326, Start Num: 95
Candidate Starts for JuJu_74:
(19, 45539), (86, 45758), (Start: 95 @45794 has 8 MA's), (120, 46031), (128, 46121), (131, 46166), (134, 46181), (142, 46223), (143, 46229), (147, 46262), (149, 46274), (152, 46322), (154, 46331), (164, 46421), (179, 46610), (200, 46718), (210, 46748), (227, 46832), (230, 46841), (236, 46880), (242, 46931), (247, 46940), (253, 46973), (260, 47021), (268, 47069), (282, 47165), (285, 47195), (292, 47249),

Gene: Kabloowy_78 Start: 44758, Stop: 46221, Start Num: 96
Candidate Starts for Kabloowy_78:
(Start: 96 @44758 has 129 MA's), (102, 44779), (Start: 104 @44818 has 1 MA's), (110, 44848), (128, 45085), (129, 45094), (135, 45148), (140, 45169), (143, 45193), (146, 45223), (148, 45229), (149, 45238), (152, 45286), (161, 45373), (164, 45385), (176, 45520), (179, 45571), (181, 45592), (186, 45616), (219, 45751), (244, 45826), (245, 45832), (249, 45856), (252, 45865), (257, 45895), (258, 45910), (261, 45922), (282, 46060), (285, 46090), (287, 46114), (290, 46138), (299, 46207),

Gene: KappaFarmDelta_68 Start: 41663, Stop: 43192, Start Num: 95
Candidate Starts for KappaFarmDelta_68:
(Start: 95 @41663 has 8 MA's), (120, 41900), (128, 41990), (142, 42092), (143, 42098), (147, 42131), (149, 42143), (152, 42191), (164, 42290), (179, 42479), (200, 42587), (210, 42617), (260, 42887), (264, 42923), (282, 43031), (285, 43061), (292, 43115),

Gene: Khuang_56 Start: 32333, Stop: 33580, Start Num: 96
Candidate Starts for Khuang_56:
(59, 32231), (91, 32318), (Start: 96 @32333 has 129 MA's), (105, 32396), (108, 32411), (120, 32570), (128, 32666), (132, 32714), (135, 32729), (136, 32735), (143, 32774), (149, 32819), (154, 32876), (162, 32954), (169, 33032), (170, 33035), (174, 33068), (260, 33290), (267, 33317), (275, 33377), (280, 33407), (282, 33419), (284, 33440), (285, 33449), (289, 33485), (291, 33500), (300, 33569),

Gene: Kita_64 Start: 42172, Stop: 43749, Start Num: 96
Candidate Starts for Kita_64:
(70, 42103), (73, 42106), (Start: 96 @42172 has 129 MA's), (99, 42178), (Start: 100 @42184 has 1 MA's), (102, 42193), (108, 42250), (120, 42409), (128, 42499), (131, 42544), (142, 42601), (143, 42607), (147, 42640), (149, 42652), (152, 42700), (154, 42709), (156, 42751), (164, 42799), (170, 42871), (179, 42988), (200, 43108), (204, 43156), (223, 43225), (224, 43234), (230, 43267), (236, 43306), (256, 43414), (260, 43444), (282, 43588), (285, 43618), (292, 43672),

Gene: Kuwabara_82 Start: 48202, Stop: 49635, Start Num: 96
Candidate Starts for Kuwabara_82:
(Start: 96 @48202 has 129 MA's), (103, 48259), (128, 48529), (143, 48637), (144, 48646), (145, 48664), (147, 48670), (149, 48682), (154, 48739), (164, 48829), (168, 48883), (170, 48901), (173, 48931), (179, 49018), (219, 49105), (224, 49126), (230, 49159), (260, 49336), (266, 49363), (280, 49459), (282, 49471), (285, 49501), (296, 49597),

Gene: Lamberg_57 Start: 37230, Stop: 38759, Start Num: 96
Candidate Starts for Lamberg_57:
(70, 37161), (73, 37164), (Start: 96 @37230 has 129 MA's), (99, 37236), (128, 37557), (131, 37602), (142, 37659), (143, 37665), (147, 37698), (149, 37710), (152, 37758), (154, 37767), (156, 37809), (164, 37857), (170, 37929), (172, 37950), (179, 38046), (193, 38118), (223, 38232), (224, 38241), (230, 38274), (242, 38364), (260, 38451), (282, 38595), (285, 38625), (292, 38679),

Gene: Lasker_79 Start: 45058, Stop: 46305, Start Num: 94
Candidate Starts for Lasker_79:
(74, 44989), (Start: 94 @45058 has 4 MA's), (106, 45133), (107, 45136), (118, 45262), (121, 45310), (128, 45394), (132, 45442), (141, 45493), (143, 45502), (148, 45538), (149, 45547), (152, 45595), (154, 45604), (166, 45712), (174, 45796), (176, 45829), (268, 46051), (282, 46144), (284, 46165), (285, 46174), (293, 46243), (299, 46291),

Gene: Lawnathon_81 Start: 43967, Stop: 45538, Start Num: 96
Candidate Starts for Lawnathon_81:
(Start: 96 @43967 has 129 MA's), (102, 43988), (Start: 104 @44027 has 1 MA's), (110, 44057), (128, 44294), (129, 44303), (135, 44357), (140, 44378), (142, 44396), (143, 44402), (146, 44432), (148, 44438), (149, 44447), (152, 44495), (164, 44594), (175, 44699), (179, 44780), (226, 45005), (228, 45011), (229, 45026), (235, 45062), (238, 45086), (244, 45143), (245, 45149), (249, 45173), (252, 45182), (257, 45212), (258, 45227), (261, 45239), (282, 45377), (285, 45407), (287, 45431), (290, 45455), (299, 45524),

Gene: LeBruni_80 Start: 43765, Stop: 45336, Start Num: 96
Candidate Starts for LeBruni_80:
(63, 43687), (Start: 96 @43765 has 129 MA's), (102, 43786), (Start: 104 @43825 has 1 MA's), (110, 43855), (128, 44092), (135, 44155), (140, 44176), (143, 44200), (146, 44230), (148, 44236), (149, 44245), (152, 44293), (164, 44392), (179, 44578), (186, 44623), (202, 44719), (229, 44824), (235, 44860), (238, 44884), (244, 44941), (245, 44947), (249, 44971), (252, 44980), (257, 45010), (258, 45025), (261, 45037), (282, 45175), (285, 45205), (287, 45229),

Gene: Lilas_61 Start: 44594, Stop: 46171, Start Num: 96
Candidate Starts for Lilas_61:
(78, 44543), (Start: 96 @44594 has 129 MA's), (106, 44666), (128, 44921), (131, 44966), (142, 45023), (143, 45029), (147, 45062), (149, 45074), (152, 45122), (154, 45131), (164, 45221), (170, 45293), (172, 45314), (179, 45410), (200, 45530), (204, 45578), (224, 45656), (230, 45689), (260, 45866), (282, 46010), (285, 46040), (292, 46094),

Gene: LonelyBoi_62 Start: 45276, Stop: 46808, Start Num: 96
Candidate Starts for LonelyBoi_62:
(70, 45204), (75, 45207), (Start: 96 @45276 has 129 MA's), (99, 45282), (120, 45513), (128, 45603), (131, 45648), (139, 45684), (142, 45705), (143, 45711), (146, 45741), (147, 45744), (149, 45756), (152, 45804), (154, 45813), (164, 45903), (170, 45975), (179, 46092), (200, 46200), (210, 46230), (230, 46323), (236, 46362), (256, 46470), (260, 46500), (282, 46644), (285, 46674), (292, 46728), (298, 46779), (301, 46797),

Gene: Lucky10_60 Start: 37798, Stop: 39231, Start Num: 96
Candidate Starts for Lucky10_60:
(Start: 96 @37798 has 129 MA's), (103, 37855), (128, 38125), (143, 38233), (144, 38242), (145, 38260), (147, 38266), (149, 38278), (154, 38335), (164, 38425), (168, 38479), (170, 38497), (173, 38527), (179, 38614), (219, 38701), (224, 38722), (230, 38755), (260, 38932), (266, 38959), (280, 39055), (282, 39067), (285, 39097), (296, 39193),

Gene: LunaStella_69 Start: 43715, Stop: 45244, Start Num: 98
Candidate Starts for LunaStella_69:
(66, 43631), (84, 43673), (Start: 98 @43715 has 33 MA's), (106, 43784), (114, 43862), (120, 43949), (125, 44000), (128, 44039), (129, 44048), (135, 44102), (142, 44141), (143, 44147), (146, 44177), (149, 44192), (152, 44240), (153, 44246), (154, 44249), (159, 44309), (163, 44336), (164, 44339), (168, 44396), (172, 44435), (179, 44531), (198, 44618), (199, 44624), (200, 44633), (210, 44666), (224, 44726), (242, 44849), (250, 44876), (251, 44879), (257, 44915), (260, 44936), (266, 44972), (270, 45005), (271, 45008), (282, 45080), (285, 45110), (290, 45158),

Gene: MUWow_82 Start: 45808, Stop: 47274, Start Num: 96
Candidate Starts for MUWow_82:
(Start: 96 @45808 has 129 MA's), (102, 45829), (Start: 104 @45868 has 1 MA's), (110, 45898), (120, 46045), (128, 46135), (135, 46198), (140, 46219), (142, 46237), (143, 46243), (148, 46279), (149, 46288), (152, 46336), (161, 46423), (164, 46435), (179, 46621), (186, 46666), (213, 46780), (223, 46813), (227, 46849), (244, 46879), (245, 46885), (249, 46909), (252, 46918), (257, 46948), (258, 46963), (261, 46975), (282, 47113), (285, 47143), (287, 47167), (290, 47191), (299, 47260),

Gene: Madavieve_61 Start: 43469, Stop: 44995, Start Num: 96
Candidate Starts for Madavieve_61:
(70, 43397), (73, 43400), (Start: 96 @43469 has 129 MA's), (99, 43475), (119, 43679), (120, 43706), (125, 43757), (128, 43796), (130, 43823), (142, 43898), (143, 43904), (147, 43937), (149, 43949), (152, 43997), (164, 44096), (170, 44168), (179, 44285), (193, 44357), (216, 44450), (224, 44480), (230, 44513), (256, 44660), (260, 44690), (282, 44834), (285, 44864), (292, 44918),

Gene: Madeline_61 Start: 43674, Stop: 45254, Start Num: 96
Candidate Starts for Madeline_61:
(9, 43302), (13, 43353), (62, 43578), (Start: 96 @43674 has 129 MA's), (99, 43680), (120, 43911), (125, 43962), (128, 44001), (130, 44028), (142, 44103), (143, 44109), (147, 44142), (149, 44154), (152, 44202), (154, 44211), (156, 44253), (164, 44301), (179, 44490), (204, 44658), (224, 44736), (230, 44769), (257, 44925), (260, 44946), (282, 45090), (285, 45120), (292, 45174),

Gene: MakCheese_70 Start: 45045, Stop: 46577, Start Num: 96
Candidate Starts for MakCheese_70:
(35, 44865), (54, 44925), (Start: 96 @45045 has 129 MA's), (99, 45051), (Start: 100 @45057 has 1 MA's), (120, 45282), (125, 45333), (128, 45372), (142, 45474), (143, 45480), (144, 45489), (146, 45510), (147, 45513), (149, 45525), (152, 45573), (153, 45579), (154, 45582), (164, 45672), (170, 45744), (179, 45861), (196, 45948), (200, 45969), (210, 45999), (255, 46230), (260, 46269), (266, 46305), (282, 46413), (285, 46443), (292, 46497),

Gene: Malibo_65 Start: 43071, Stop: 44639, Start Num: 96
Candidate Starts for Malibo_65:
(24, 42840), (30, 42864), (33, 42885), (42, 42921), (44, 42924), (70, 42999), (73, 43002), (Start: 96 @43071 has 129 MA's), (99, 43077), (108, 43149), (120, 43308), (125, 43359), (128, 43398), (142, 43500), (143, 43506), (147, 43539), (149, 43551), (152, 43599), (154, 43608), (164, 43698), (172, 43791), (179, 43887), (200, 44007), (204, 44055), (224, 44133), (230, 44166), (242, 44256), (256, 44313), (260, 44343), (265, 44370), (282, 44478), (285, 44508), (292, 44562),

Gene: Manasvini_64 Start: 42187, Stop: 43764, Start Num: 96
Candidate Starts for Manasvini_64:
(70, 42118), (73, 42121), (Start: 96 @42187 has 129 MA's), (99, 42193), (Start: 100 @42199 has 1 MA's), (102, 42208), (108, 42265), (120, 42424), (128, 42514), (131, 42559), (142, 42616), (143, 42622), (147, 42655), (149, 42667), (152, 42715), (154, 42724), (156, 42766), (164, 42814), (170, 42886), (179, 43003), (200, 43123), (204, 43171), (223, 43240), (224, 43249), (230, 43282), (236, 43321), (256, 43429), (260, 43459), (282, 43603), (285, 43633), (292, 43687),

Gene: Mao1_72 Start: 51862, Stop: 53394, Start Num: 96
Candidate Starts for Mao1_72:
(7, 51460), (8, 51466), (10, 51481), (Start: 96 @51862 has 129 MA's), (106, 51934), (114, 52012), (120, 52099), (125, 52150), (128, 52189), (129, 52198), (133, 52240), (135, 52252), (142, 52291), (143, 52297), (146, 52327), (149, 52342), (152, 52390), (153, 52396), (154, 52399), (159, 52459), (163, 52486), (164, 52489), (168, 52546), (171, 52582), (179, 52681), (198, 52768), (200, 52783), (210, 52816), (217, 52849), (223, 52867), (224, 52876), (227, 52900), (242, 52999), (250, 53026), (251, 53029), (257, 53065), (260, 53086), (266, 53122), (270, 53155), (271, 53158), (282, 53230), (285, 53260), (290, 53308),

Gene: Mapleville_74 Start: 43280, Stop: 44854, Start Num: 96
Candidate Starts for Mapleville_74:
(Start: 96 @43280 has 129 MA's), (102, 43301), (Start: 104 @43340 has 1 MA's), (110, 43370), (128, 43607), (129, 43616), (135, 43670), (140, 43691), (143, 43715), (146, 43745), (148, 43751), (149, 43760), (152, 43808), (164, 43907), (176, 44042), (179, 44093), (213, 44252), (227, 44321), (229, 44339), (238, 44402), (244, 44459), (245, 44465), (249, 44489), (257, 44528), (258, 44543), (261, 44555), (282, 44693), (285, 44723), (287, 44747), (290, 44771), (299, 44840),

Gene: Maridalia_65 Start: 43541, Stop: 45118, Start Num: 96
Candidate Starts for Maridalia_65:
(Start: 96 @43541 has 129 MA's), (120, 43778), (128, 43868), (131, 43913), (142, 43970), (143, 43976), (147, 44009), (149, 44021), (152, 44069), (154, 44078), (164, 44168), (172, 44261), (179, 44357), (200, 44477), (204, 44525), (224, 44603), (230, 44636), (236, 44675), (256, 44783), (260, 44813), (282, 44957), (285, 44987), (292, 45041),

Gene: Marker_72 Start: 43973, Stop: 45400, Start Num: 98
Candidate Starts for Marker_72:
(26, 43730), (56, 43844), (Start: 58 @43853 has 1 MA's), (Start: 98 @43973 has 33 MA's), (Start: 104 @44030 has 1 MA's), (108, 44048), (112, 44081), (116, 44153), (121, 44219), (128, 44297), (129,

44306), (131, 44342), (136, 44366), (143, 44405), (146, 44435), (149, 44450), (150, 44462), (154, 44507), (155, 44540), (164, 44597), (165, 44603), (170, 44672), (172, 44693), (176, 44738), (178, 44774), (211, 44843), (224, 44897), (236, 44969), (242, 45020), (257, 45086), (276, 45197), (278, 45209), (279, 45215), (280, 45224), (281, 45227), (282, 45236), (285, 45266), (288, 45293), (301, 45389),

Gene: Marteena_63 Start: 43271, Stop: 44845, Start Num: 98
Candidate Starts for Marteena_63:
(78, 43217), (Start: 98 @43271 has 33 MA's), (126, 43559), (128, 43595), (131, 43640), (142, 43697), (143, 43703), (146, 43733), (147, 43736), (149, 43748), (152, 43796), (154, 43805), (156, 43847), (164, 43895), (170, 43967), (172, 43988), (179, 44084), (200, 44204), (224, 44330), (230, 44363), (236, 44402), (260, 44540), (282, 44684), (285, 44714), (292, 44768), (296, 44810),

Gene: MaterMagnus_79 Start: 44437, Stop: 46008, Start Num: 96
Candidate Starts for MaterMagnus_79:
(Start: 96 @44437 has 129 MA's), (102, 44458), (Start: 104 @44497 has 1 MA's), (110, 44527), (128, 44764), (129, 44773), (135, 44827), (140, 44848), (142, 44866), (143, 44872), (146, 44902), (148, 44908), (149, 44917), (152, 44965), (164, 45064), (176, 45199), (179, 45250), (226, 45475), (229, 45496), (235, 45532), (238, 45556), (244, 45613), (245, 45619), (249, 45643), (257, 45682), (258, 45697), (261, 45709), (282, 45847), (285, 45877), (287, 45901), (299, 45994),

Gene: Matteo_54 Start: 36307, Stop: 37884, Start Num: 98
Candidate Starts for Matteo_54:
(78, 36253), (Start: 98 @36307 has 33 MA's), (112, 36415), (120, 36541), (128, 36631), (131, 36676), (142, 36733), (143, 36739), (147, 36772), (149, 36784), (152, 36832), (154, 36841), (156, 36883), (164, 36931), (179, 37120), (200, 37240), (204, 37288), (224, 37366), (230, 37399), (260, 37576), (282, 37720), (285, 37750), (292, 37804), (301, 37873),

Gene: MilleniumForce_70 Start: 44610, Stop: 46037, Start Num: 98
Candidate Starts for MilleniumForce_70:
(Start: 98 @44610 has 33 MA's), (101, 44622), (102, 44628), (109, 44691), (112, 44718), (121, 44856), (128, 44934), (129, 44943), (131, 44979), (134, 44994), (136, 45003), (143, 45042), (146, 45072), (149, 45087), (150, 45099), (154, 45144), (164, 45234), (165, 45240), (168, 45291), (170, 45309), (173, 45339), (176, 45375), (178, 45411), (211, 45480), (219, 45513), (224, 45534), (227, 45558), (236, 45606), (242, 45657), (276, 45834), (279, 45852), (282, 45873), (283, 45876), (285, 45903), (288, 45930), (290, 45951), (293, 45972), (297, 46005), (301, 46026),

Gene: Misha28_71 Start: 43703, Stop: 45217, Start Num: 98
Candidate Starts for Misha28_71:
(66, 43619), (87, 43661), (Start: 98 @43703 has 33 MA's), (106, 43772), (114, 43850), (120, 43937), (125, 43988), (128, 44027), (129, 44036), (135, 44090), (142, 44129), (143, 44135), (146, 44165), (149, 44180), (152, 44228), (153, 44234), (154, 44237), (159, 44297), (163, 44324), (164, 44327), (168, 44384), (172, 44423), (179, 44519), (198, 44606), (199, 44612), (200, 44621), (210, 44654), (217, 44687), (224, 44714), (227, 44738), (242, 44837), (251, 44867), (255, 44885), (257, 44903), (258, 44918), (276, 45014), (282, 45053), (285, 45083), (301, 45206),

Gene: Mocha12_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Mocha12_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Moosehead_64 Start: 36373, Stop: 37815, Start Num: 96
Candidate Starts for Moosehead_64:
(52, 36238), (53, 36241), (75, 36307), (Start: 96 @36373 has 129 MA's), (128, 36700), (136, 36769), (141, 36799), (143, 36808), (147, 36841), (149, 36853), (154, 36910), (164, 37000), (170, 37072), (179, 37189), (224, 37297), (230, 37330), (239, 37390), (256, 37477), (260, 37507), (266, 37543), (282, 37651), (285, 37681), (286, 37702), (301, 37804),

Gene: Murp_66 Start: 44295, Stop: 45821, Start Num: 96
Candidate Starts for Murp_66:
(43, 44145), (48, 44154), (89, 44265), (Start: 96 @44295 has 129 MA's), (128, 44622), (131, 44667), (142, 44724), (143, 44730), (147, 44763), (149, 44775), (152, 44823), (154, 44832), (164, 44922), (179, 45111), (193, 45183), (219, 45285), (223, 45297), (224, 45306), (230, 45339), (260, 45516), (282, 45660), (285, 45690), (292, 45744),

Gene: Neobush_65 Start: 42731, Stop: 44308, Start Num: 96
Candidate Starts for Neobush_65:
(48, 42602), (78, 42680), (Start: 96 @42731 has 129 MA's), (106, 42803), (120, 42968), (125, 43019), (128, 43058), (131, 43103), (142, 43160), (143, 43166), (146, 43196), (147, 43199), (149, 43211), (152, 43259), (154, 43268), (156, 43310), (164, 43358), (170, 43430), (179, 43547), (200, 43667), (204, 43715), (223, 43784), (224, 43793), (230, 43826), (236, 43865), (256, 43973), (260, 44003), (282, 44147), (285, 44177), (292, 44231),

Gene: Nettuno_57 Start: 37230, Stop: 38759, Start Num: 96
Candidate Starts for Nettuno_57:
(70, 37161), (73, 37164), (Start: 96 @37230 has 129 MA's), (99, 37236), (Start: 100 @37242 has 1 MA's), (102, 37251), (108, 37308), (120, 37467), (128, 37557), (142, 37659), (143, 37665), (147, 37698), (149, 37710), (152, 37758), (154, 37767), (156, 37809), (164, 37857), (170, 37929), (179, 38046), (221, 38226), (223, 38232), (224, 38241), (230, 38274), (256, 38421), (260, 38451), (282, 38595), (285, 38625), (292, 38679),

Gene: NewKitty_81 Start: 45548, Stop: 47119, Start Num: 96
Candidate Starts for NewKitty_81:
(Start: 96 @45548 has 129 MA's), (102, 45569), (Start: 104 @45608 has 1 MA's), (110, 45638), (120, 45785), (128, 45875), (129, 45884), (135, 45938), (140, 45959), (143, 45983), (146, 46013), (148, 46019), (149, 46028), (152, 46076), (161, 46163), (164, 46175), (176, 46310), (179, 46361), (226, 46586), (228, 46592), (229, 46607), (235, 46643), (238, 46667), (244, 46724), (245, 46730), (249, 46754), (252, 46763), (257, 46793), (258, 46808), (261, 46820), (282, 46958), (285, 46988), (287, 47012), (290, 47036), (299, 47105),

Gene: Nyilah_83 Start: 44222, Stop: 45688, Start Num: 96
Candidate Starts for Nyilah_83:
(Start: 96 @44222 has 129 MA's), (102, 44243), (Start: 104 @44282 has 1 MA's), (110, 44312), (128, 44549), (140, 44633), (143, 44657), (148, 44693), (149, 44702), (152, 44750), (161, 44837), (164, 44849), (179, 45035), (186, 45080), (213, 45194), (223, 45227), (227, 45263), (244, 45293), (245, 45299), (249, 45323), (252, 45332), (257, 45362), (258, 45377), (261, 45389), (282, 45527), (285, 45557), (287, 45581),

Gene: Nymphadora_66 Start: 44723, Stop: 46300, Start Num: 96
Candidate Starts for Nymphadora_66:
(73, 44657), (Start: 96 @44723 has 129 MA's), (120, 44960), (128, 45050), (131, 45095), (142, 45152), (143, 45158), (147, 45191), (149, 45203), (152, 45251), (156, 45302), (164, 45350), (179, 45539), (200, 45659), (204, 45707), (210, 45725), (223, 45776), (224, 45785), (230, 45818), (236, 45857), (256, 45965), (260, 45995), (265, 46031), (282, 46139), (285, 46169), (292, 46223),

Gene: PMC_64 Start: 42960, Stop: 44387, Start Num: 98
Candidate Starts for PMC_64:
(Start: 98 @42960 has 33 MA's), (101, 42972), (102, 42978), (109, 43041), (112, 43068), (121, 43206), (128, 43284), (131, 43329), (143, 43392), (146, 43422), (149, 43437), (150, 43449), (154, 43494), (164, 43584), (165, 43590), (168, 43641), (170, 43659), (173, 43689), (176, 43725), (178, 43761), (211, 43830), (219, 43863), (224, 43884), (227, 43908), (236, 43956), (242, 44007), (276, 44184), (279, 44202), (282, 44223), (283, 44226), (285, 44253), (288, 44280), (290, 44301), (293, 44322), (297, 44355), (301, 44376),

Gene: PantheRoc_69 Start: 44855, Stop: 46384, Start Num: 97
Candidate Starts for PantheRoc_69:
(Start: 97 @44855 has 1 MA's), (Start: 100 @44864 has 1 MA's), (102, 44873), (111, 44957), (125, 45140), (128, 45179), (142, 45281), (143, 45287), (147, 45320), (149, 45332), (152, 45380), (154, 45389), (162, 45470), (164, 45479), (179, 45668), (198, 45761), (200, 45776), (210, 45806), (236, 45938), (260, 46076), (282, 46220), (285, 46250), (292, 46304),

Gene: Persistence_73 Start: 42080, Stop: 43552, Start Num: 96
Candidate Starts for Persistence_73:
(73, 42020), (Start: 96 @42080 has 129 MA's), (102, 42101), (Start: 104 @42140 has 1 MA's), (110, 42170), (128, 42407), (129, 42416), (135, 42470), (140, 42491), (143, 42515), (146, 42545), (148, 42551), (149, 42560), (152, 42608), (153, 42614), (154, 42617), (161, 42695), (164, 42707), (176, 42842), (179, 42893), (195, 42980), (213, 43052), (222, 43082), (244, 43157), (245, 43163), (249, 43187), (257, 43226), (258, 43241), (261, 43253), (282, 43391), (285, 43421), (287, 43445), (290, 43469),

Gene: PetriParty_60 Start: 36068, Stop: 37624, Start Num: 96
Candidate Starts for PetriParty_60:
(21, 35819), (Start: 96 @36068 has 129 MA's), (Start: 100 @36080 has 1 MA's), (102, 36089), (Start: 104 @36128 has 1 MA's), (113, 36212), (120, 36305), (124, 36344), (128, 36395), (140, 36479), (142, 36497), (143, 36503), (149, 36548), (152, 36596), (153, 36602), (162, 36689), (164, 36698), (170, 36767), (179, 36884), (186, 36929), (195, 36971), (202, 37025), (223, 37076), (228, 37115), (229, 37130), (235, 37166), (238, 37190), (244, 37247), (245, 37253), (249, 37277), (258, 37331), (279, 37442), (282, 37463), (285, 37493), (287, 37517), (290, 37541), (292, 37547), (293, 37562), (298, 37598),

Gene: Phayonce_54 Start: 38025, Stop: 39557, Start Num: 96
Candidate Starts for Phayonce_54:
(7, 37623), (8, 37629), (10, 37644), (Start: 96 @38025 has 129 MA's), (106, 38097), (114, 38175), (120, 38262), (128, 38352), (129, 38361), (142, 38454), (143, 38460), (146, 38490), (149, 38505), (152, 38553), (153, 38559), (154, 38562), (159, 38622), (163, 38649), (164, 38652), (168, 38709), (169, 38724), (172, 38748), (179, 38844), (198, 38931), (199, 38937), (200, 38946), (210, 38979), (224, 39039), (233, 39081), (242, 39162), (250, 39189), (251, 39192), (257, 39228), (260, 39249), (266, 39285), (268, 39297), (270, 39318), (271, 39321), (282, 39393), (285, 39423), (290, 39471),

Gene: Phlop_57 Start: 43764, Stop: 45344, Start Num: 96
Candidate Starts for Phlop_57:
(5, 43356), (40, 43605), (Start: 96 @43764 has 129 MA's), (128, 44091), (139, 44172), (142, 44193), (143, 44199), (147, 44232), (149, 44244), (152, 44292), (154, 44301), (156, 44343), (164, 44391), (179, 44580), (200, 44700), (204, 44748), (224, 44826), (230, 44859), (242, 44949), (246, 44958), (253, 44991), (260, 45039), (282, 45183), (285, 45213), (292, 45267),

Gene: Phrank15_83 Start: 44698, Stop: 46269, Start Num: 96

Candidate Starts for Phrank15_83:
(Start: 96 @44698 has 129 MA's), (102, 44719), (Start: 104 @44758 has 1 MA's), (110, 44788), (128, 45025), (129, 45034), (135, 45088), (140, 45109), (142, 45127), (143, 45133), (146, 45163), (148, 45169), (149, 45178), (152, 45226), (164, 45325), (176, 45460), (179, 45511), (226, 45736), (229, 45757), (235, 45793), (238, 45817), (244, 45874), (245, 45880), (249, 45904), (257, 45943), (258, 45958), (261, 45970), (282, 46108), (285, 46138), (287, 46162), (290, 46186), (299, 46255),

Gene: PhrostedPhlake_70 Start: 42207, Stop: 43736, Start Num: 95
Candidate Starts for PhrostedPhlake_70:
(Start: 95 @42207 has 8 MA's), (120, 42444), (128, 42534), (131, 42579), (142, 42636), (143, 42642), (147, 42675), (149, 42687), (152, 42735), (154, 42744), (162, 42825), (164, 42834), (179, 43023), (200, 43131), (210, 43161), (256, 43401), (260, 43431), (282, 43575), (285, 43605), (292, 43659), (301, 43728),

Gene: Pickett_56 Start: 36460, Stop: 38037, Start Num: 96
Candidate Starts for Pickett_56:
(70, 36391), (73, 36394), (Start: 96 @36460 has 129 MA's), (99, 36466), (Start: 100 @36472 has 1 MA's), (102, 36481), (108, 36538), (120, 36697), (125, 36748), (128, 36787), (131, 36832), (142, 36889), (143, 36895), (147, 36928), (149, 36940), (152, 36988), (154, 36997), (156, 37039), (164, 37087), (170, 37159), (179, 37276), (200, 37396), (204, 37444), (224, 37522), (230, 37555), (236, 37594), (256, 37702), (260, 37732), (282, 37876), (285, 37906), (292, 37960), (301, 38029),

Gene: Pigu_55 Start: 31590, Stop: 32825, Start Num: 96
Candidate Starts for Pigu_55:
(Start: 96 @31590 has 129 MA's), (108, 31668), (128, 31917), (129, 31926), (132, 31965), (143, 32025), (148, 32061), (149, 32070), (152, 32118), (182, 32421), (245, 32451), (259, 32532), (260, 32535), (261, 32541), (275, 32622), (282, 32664), (284, 32685), (285, 32694),

Gene: Piper2020_75 Start: 44921, Stop: 46438, Start Num: 96
Candidate Starts for Piper2020_75:
(82, 44876), (Start: 96 @44921 has 129 MA's), (99, 44927), (114, 45071), (120, 45158), (125, 45209), (126, 45212), (128, 45248), (129, 45257), (135, 45311), (142, 45350), (143, 45356), (146, 45386), (149, 45401), (152, 45449), (153, 45455), (154, 45458), (159, 45518), (162, 45539), (164, 45548), (168, 45605), (171, 45641), (172, 45644), (179, 45740), (198, 45827), (200, 45842), (210, 45875), (217, 45908), (224, 45935), (242, 46058), (257, 46124), (258, 46139), (276, 46235), (280, 46262), (281, 46265), (282, 46274), (285, 46304), (290, 46352),

Gene: Pollux_67 Start: 45156, Stop: 46730, Start Num: 98
Candidate Starts for Pollux_67:
(78, 45102), (Start: 98 @45156 has 33 MA's), (126, 45444), (128, 45480), (131, 45525), (142, 45582), (143, 45588), (146, 45618), (147, 45621), (149, 45633), (152, 45681), (154, 45690), (156, 45732), (164, 45780), (170, 45852), (179, 45969), (200, 46089), (204, 46137), (224, 46215), (230, 46248), (242, 46338), (260, 46425), (282, 46569), (285, 46599), (292, 46653),

Gene: Polly_60 Start: 41606, Stop: 43183, Start Num: 96
Candidate Starts for Polly_60:
(70, 41537), (73, 41540), (Start: 96 @41606 has 129 MA's), (99, 41612), (Start: 100 @41618 has 1 MA's), (102, 41627), (108, 41684), (120, 41843), (128, 41933), (131, 41978), (142, 42035), (143, 42041), (147, 42074), (149, 42086), (152, 42134), (154, 42143), (156, 42185), (164, 42233), (170, 42305), (179, 42422), (200, 42542), (204, 42590), (223, 42659), (224, 42668), (230, 42701), (236, 42740), (256, 42848), (260, 42878), (282, 43022), (285, 43052), (292, 43106),

Gene: Purky_57 Start: 38149, Stop: 39678, Start Num: 98

Candidate Starts for Purky_57:
(Start: 98 @38149 has 33 MA's), (106, 38218), (114, 38296), (120, 38383), (125, 38434), (128, 38473), (129, 38482), (135, 38536), (142, 38575), (143, 38581), (146, 38611), (149, 38626), (152, 38674), (153, 38680), (154, 38683), (159, 38743), (160, 38752), (163, 38770), (164, 38773), (168, 38830), (172, 38869), (179, 38965), (198, 39052), (199, 39058), (200, 39067), (210, 39100), (224, 39160), (233, 39202), (242, 39283), (250, 39310), (251, 39313), (257, 39349), (260, 39370), (266, 39406), (270, 39439), (271, 39442), (282, 39514), (285, 39544), (290, 39592),

Gene: RadFad_84 Start: 44856, Stop: 46322, Start Num: 96
Candidate Starts for RadFad_84:
(63, 44778), (Start: 96 @44856 has 129 MA's), (102, 44877), (Start: 104 @44916 has 1 MA's), (110, 44946), (128, 45183), (129, 45192), (140, 45267), (141, 45282), (143, 45291), (148, 45327), (149, 45336), (152, 45384), (161, 45471), (164, 45483), (179, 45669), (186, 45714), (213, 45828), (223, 45861), (227, 45897), (244, 45927), (245, 45933), (249, 45957), (252, 45966), (257, 45996), (258, 46011), (261, 46023), (282, 46161), (285, 46191), (287, 46215),

Gene: Raphaella_80 Start: 43675, Stop: 45243, Start Num: 96
Candidate Starts for Raphaella_80:
(Start: 96 @43675 has 129 MA's), (102, 43696), (Start: 104 @43735 has 1 MA's), (110, 43765), (128, 44002), (129, 44011), (135, 44065), (140, 44086), (143, 44110), (146, 44140), (148, 44146), (149, 44155), (152, 44203), (164, 44302), (176, 44437), (179, 44488), (226, 44713), (228, 44719), (231, 44743), (244, 44848), (245, 44854), (249, 44878), (257, 44917), (258, 44932), (261, 44944), (282, 45082), (285, 45112), (287, 45136),

Gene: Raqqa_77 Start: 44350, Stop: 45816, Start Num: 96
Candidate Starts for Raqqa_77:
(Start: 96 @44350 has 129 MA's), (102, 44371), (Start: 104 @44410 has 1 MA's), (110, 44440), (128, 44677), (140, 44761), (143, 44785), (148, 44821), (149, 44830), (152, 44878), (161, 44965), (164, 44977), (176, 45112), (179, 45163), (186, 45208), (213, 45322), (223, 45355), (227, 45391), (244, 45421), (245, 45427), (249, 45451), (257, 45490), (258, 45505), (261, 45517), (282, 45655), (285, 45685), (287, 45709),

Gene: RavenCo17_61 Start: 42978, Stop: 44555, Start Num: 96
Candidate Starts for RavenCo17_61:
(6, 42573), (12, 42645), (70, 42906), (73, 42909), (Start: 96 @42978 has 129 MA's), (99, 42984), (128, 43305), (142, 43407), (143, 43413), (147, 43446), (149, 43458), (152, 43506), (154, 43515), (156, 43557), (164, 43605), (170, 43677), (179, 43794), (200, 43914), (204, 43962), (224, 44040), (230, 44073), (236, 44112), (256, 44220), (260, 44250), (282, 44394), (285, 44424), (292, 44478), (301, 44547),

Gene: Richie_82 Start: 45603, Stop: 47006, Start Num: 104
Candidate Starts for Richie_82:
(Start: 96 @45543 has 129 MA's), (102, 45564), (Start: 104 @45603 has 1 MA's), (110, 45633), (128, 45870), (129, 45879), (135, 45933), (140, 45954), (142, 45972), (143, 45978), (146, 46008), (148, 46014), (149, 46023), (152, 46071), (161, 46158), (164, 46170), (179, 46356), (181, 46377), (186, 46401), (244, 46611), (245, 46617), (249, 46641), (252, 46650), (257, 46680), (258, 46695), (261, 46707), (282, 46845), (285, 46875), (287, 46899), (290, 46923), (299, 46992),

Gene: Rockne_68 Start: 42972, Stop: 44399, Start Num: 98
Candidate Starts for Rockne_68:
(Start: 98 @42972 has 33 MA's), (101, 42984), (102, 42990), (109, 43053), (112, 43080), (121, 43218), (128, 43296), (131, 43341), (143, 43404), (146, 43434), (149, 43449), (150, 43461), (154, 43506), (164, 43596), (165, 43602), (168, 43653), (170, 43671), (173, 43701), (176, 43737), (178, 43773),

(211, 43842), (219, 43875), (224, 43896), (227, 43920), (236, 43968), (242, 44019), (276, 44196), (279, 44214), (282, 44235), (283, 44238), (285, 44265), (288, 44292), (290, 44313), (293, 44334), (297, 44367), (301, 44388),

Gene: Rooter_60 Start: 33036, Stop: 34478, Start Num: 96
Candidate Starts for Rooter_60:
(Start: 96 @33036 has 129 MA's), (Start: 100 @33048 has 1 MA's), (102, 33057), (Start: 104 @33096 has 1 MA's), (113, 33180), (128, 33363), (129, 33372), (140, 33447), (142, 33465), (143, 33471), (149, 33516), (152, 33564), (223, 34044), (244, 34101), (245, 34107), (249, 34131), (258, 34185), (277, 34287), (282, 34317), (285, 34347), (287, 34371), (292, 34401), (298, 34452),

Gene: Ruthy_62 Start: 43747, Stop: 45291, Start Num: 96
Candidate Starts for Ruthy_62:
(31, 43567), (34, 43579), (36, 43591), (70, 43693), (Start: 96 @43747 has 129 MA's), (108, 43825), (127, 44068), (128, 44074), (138, 44164), (143, 44194), (146, 44224), (149, 44239), (153, 44293), (154, 44296), (164, 44386), (168, 44440), (179, 44575), (192, 44641), (194, 44665), (224, 44788), (243, 44905), (248, 44941), (254, 44962), (282, 45130), (285, 45160), (286, 45181), (287, 45184), (290, 45208), (292, 45214), (294, 45232),

Gene: Sahara_60 Start: 38468, Stop: 40045, Start Num: 96
Candidate Starts for Sahara_60:
(70, 38399), (73, 38402), (Start: 96 @38468 has 129 MA's), (99, 38474), (125, 38756), (128, 38795), (139, 38876), (142, 38897), (143, 38903), (147, 38936), (149, 38948), (152, 38996), (154, 39005), (164, 39095), (179, 39284), (200, 39404), (204, 39452), (224, 39530), (230, 39563), (260, 39740), (265, 39776), (282, 39884), (285, 39914), (292, 39968),

Gene: Sakai_76 Start: 43396, Stop: 44964, Start Num: 96
Candidate Starts for Sakai_76:
(Start: 96 @43396 has 129 MA's), (102, 43417), (Start: 104 @43456 has 1 MA's), (110, 43486), (128, 43723), (129, 43732), (135, 43786), (140, 43807), (143, 43831), (146, 43861), (148, 43867), (149, 43876), (151, 43897), (152, 43924), (164, 44023), (176, 44158), (179, 44209), (226, 44434), (228, 44440), (231, 44464), (244, 44569), (245, 44575), (249, 44599), (252, 44608), (257, 44638), (258, 44653), (261, 44665), (282, 44803), (285, 44833), (287, 44857), (290, 44881), (299, 44950),

Gene: Sashimi_77 Start: 44063, Stop: 45505, Start Num: 96
Candidate Starts for Sashimi_77:
(87, 44027), (Start: 96 @44063 has 129 MA's), (99, 44069), (Start: 100 @44075 has 1 MA's), (102, 44084), (Start: 104 @44123 has 1 MA's), (108, 44141), (113, 44207), (120, 44300), (128, 44390), (130, 44417), (135, 44453), (140, 44474), (142, 44492), (143, 44498), (149, 44543), (152, 44591), (153, 44597), (162, 44684), (164, 44693), (179, 44879), (195, 44966), (202, 45020), (205, 45026), (219, 45059), (244, 45128), (245, 45134), (249, 45158), (252, 45167), (258, 45212), (282, 45344), (285, 45374), (287, 45398), (290, 45422), (292, 45428), (298, 45479),

Gene: Satrap_79 Start: 44317, Stop: 45783, Start Num: 96
Candidate Starts for Satrap_79:
(Start: 96 @44317 has 129 MA's), (102, 44338), (Start: 104 @44377 has 1 MA's), (110, 44407), (128, 44644), (129, 44653), (135, 44707), (140, 44728), (142, 44746), (143, 44752), (146, 44782), (148, 44788), (149, 44797), (152, 44845), (161, 44932), (164, 44944), (179, 45130), (186, 45175), (213, 45289), (223, 45322), (227, 45358), (244, 45388), (245, 45394), (249, 45418), (252, 45427), (257, 45457), (258, 45472), (261, 45484), (282, 45622), (285, 45652), (287, 45676),

Gene: Savage_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Savage_61:

(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Seahorse_87 Start: 49210, Stop: 50784, Start Num: 96
Candidate Starts for Seahorse_87:
(55, 49099), (Start: 96 @49210 has 129 MA's), (102, 49231), (Start: 104 @49270 has 1 MA's), (110, 49300), (117, 49396), (128, 49537), (129, 49546), (135, 49600), (140, 49621), (143, 49645), (146, 49675), (148, 49681), (149, 49690), (152, 49738), (161, 49825), (164, 49837), (179, 50023), (186, 50068), (213, 50182), (229, 50269), (238, 50332), (244, 50389), (245, 50395), (249, 50419), (252, 50428), (257, 50458), (258, 50473), (261, 50485), (282, 50623), (285, 50653), (287, 50677), (295, 50746),

Gene: Shoya_59 Start: 32612, Stop: 34054, Start Num: 96
Candidate Starts for Shoya_59:
(Start: 96 @32612 has 129 MA's), (Start: 100 @32624 has 1 MA's), (102, 32633), (Start: 104 @32672 has 1 MA's), (113, 32756), (120, 32849), (128, 32939), (129, 32948), (140, 33023), (142, 33041), (143, 33047), (149, 33092), (152, 33140), (162, 33233), (195, 33515), (205, 33575), (223, 33620), (244, 33677), (245, 33683), (249, 33707), (258, 33761), (282, 33893), (285, 33923), (287, 33947), (292, 33977), (298, 34028),

Gene: Shukran_76 Start: 42947, Stop: 44419, Start Num: 96
Candidate Starts for Shukran_76:
(83, 42911), (Start: 96 @42947 has 129 MA's), (102, 42968), (Start: 104 @43007 has 1 MA's), (110, 43037), (117, 43133), (128, 43274), (135, 43337), (139, 43355), (140, 43358), (143, 43382), (146, 43412), (148, 43418), (149, 43427), (152, 43475), (161, 43562), (164, 43574), (170, 43643), (179, 43760), (190, 43820), (195, 43847), (213, 43919), (222, 43949), (244, 44024), (245, 44030), (249, 44054), (252, 44063), (257, 44093), (258, 44108), (261, 44120), (282, 44258), (285, 44288), (287, 44312), (290, 44336), (293, 44357),

Gene: Sixsevenium_61 Start: 44240, Stop: 45820, Start Num: 96
Candidate Starts for Sixsevenium_61:
(5, 43832), (40, 44081), (60, 44138), (Start: 96 @44240 has 129 MA's), (120, 44477), (128, 44567), (130, 44594), (131, 44612), (142, 44669), (143, 44675), (147, 44708), (149, 44720), (152, 44768), (164, 44867), (179, 45056), (200, 45176), (204, 45224), (224, 45302), (230, 45335), (242, 45425), (246, 45434), (253, 45467), (260, 45515), (268, 45563), (282, 45659), (285, 45689), (292, 45743),

Gene: SkinnyPete_52 Start: 34484, Stop: 35998, Start Num: 98
Candidate Starts for SkinnyPete_52:
(74, 34418), (79, 34427), (Start: 98 @34484 has 33 MA's), (114, 34631), (120, 34718), (125, 34769), (128, 34808), (129, 34817), (131, 34853), (142, 34910), (143, 34916), (144, 34925), (146, 34946), (149, 34961), (152, 35009), (153, 35015), (154, 35018), (155, 35051), (159, 35078), (162, 35099), (164, 35108), (168, 35165), (171, 35201), (172, 35204), (177, 35252), (179, 35300), (198, 35387), (200, 35402), (210, 35435), (217, 35468), (224, 35495), (227, 35519), (242, 35618), (251, 35648), (255, 35666), (257, 35684), (258, 35699), (276, 35795), (282, 35834), (285, 35864), (301, 35987),

Gene: Sleepyhead_49 Start: 32717, Stop: 34159, Start Num: 93
Candidate Starts for Sleepyhead_49:
(Start: 93 @32717 has 1 MA's), (Start: 100 @32732 has 1 MA's), (109, 32804), (115, 32891), (126, 33014), (128, 33050), (137, 33125), (140, 33134), (143, 33158), (148, 33194), (149, 33203), (152, 33251), (154, 33260), (162, 33344), (168, 33404), (170, 33422), (189, 33593), (191, 33602), (197, 33629), (224, 33740), (228, 33770), (258, 33851), (266, 33896), (281, 33989), (282, 33998), (285,

34028), (290, 34076), (293, 34097), (300, 34148),

Gene: Soilmate_71 Start: 46387, Stop: 47964, Start Num: 96
Candidate Starts for Soilmate_71:
(17, 46132), (85, 46351), (Start: 96 @46387 has 129 MA's), (120, 46624), (128, 46714), (131, 46759), (142, 46816), (143, 46822), (147, 46855), (149, 46867), (152, 46915), (154, 46924), (156, 46966), (164, 47014), (170, 47086), (179, 47203), (200, 47323), (204, 47371), (224, 47449), (236, 47521), (260, 47659), (282, 47803), (285, 47833), (292, 47887),

Gene: SonDevVon_86 Start: 44445, Stop: 45908, Start Num: 96
Candidate Starts for SonDevVon_86:
(11, 44079), (83, 44409), (Start: 96 @44445 has 129 MA's), (102, 44466), (Start: 104 @44505 has 1 MA's), (110, 44535), (128, 44772), (129, 44781), (135, 44835), (140, 44856), (142, 44874), (143, 44880), (146, 44910), (148, 44916), (149, 44925), (152, 44973), (161, 45060), (164, 45072), (179, 45258), (181, 45279), (186, 45303), (244, 45513), (245, 45519), (249, 45543), (252, 45552), (257, 45582), (258, 45597), (261, 45609), (282, 45747), (285, 45777), (287, 45801), (290, 45825), (299, 45894),

Gene: Sparky_64 Start: 44023, Stop: 45552, Start Num: 98
Candidate Starts for Sparky_64:
(67, 43939), (Start: 98 @44023 has 33 MA's), (106, 44092), (114, 44170), (120, 44257), (125, 44308), (128, 44347), (129, 44356), (135, 44410), (142, 44449), (143, 44455), (146, 44485), (149, 44500), (152, 44548), (153, 44554), (154, 44557), (159, 44617), (163, 44644), (164, 44647), (168, 44704), (172, 44743), (179, 44839), (198, 44926), (199, 44932), (200, 44941), (210, 44974), (224, 45034), (242, 45157), (250, 45184), (251, 45187), (257, 45223), (260, 45244), (266, 45280), (268, 45292), (270, 45313), (271, 45316), (282, 45388), (285, 45418), (290, 45466),

Gene: Spartacus_74 Start: 46658, Stop: 48085, Start Num: 98
Candidate Starts for Spartacus_74:
(Start: 98 @46658 has 33 MA's), (101, 46670), (102, 46676), (109, 46739), (112, 46766), (121, 46904), (128, 46982), (131, 47027), (143, 47090), (149, 47135), (150, 47147), (154, 47192), (164, 47282), (165, 47288), (168, 47339), (170, 47357), (173, 47387), (176, 47423), (178, 47459), (211, 47528), (219, 47561), (224, 47582), (227, 47606), (236, 47654), (242, 47705), (276, 47882), (279, 47900), (282, 47921), (283, 47924), (285, 47951), (288, 47978), (301, 48074),

Gene: SpicyFrank_81 Start: 43924, Stop: 45495, Start Num: 96
Candidate Starts for SpicyFrank_81:
(63, 43846), (Start: 96 @43924 has 129 MA's), (102, 43945), (Start: 104 @43984 has 1 MA's), (110, 44014), (128, 44251), (129, 44260), (135, 44314), (140, 44335), (142, 44353), (143, 44359), (146, 44389), (148, 44395), (149, 44404), (152, 44452), (164, 44551), (176, 44686), (179, 44737), (213, 44896), (218, 44914), (229, 44983), (235, 45019), (238, 45043), (244, 45100), (245, 45106), (249, 45130), (252, 45139), (257, 45169), (258, 45184), (261, 45196), (282, 45334), (285, 45364), (287, 45388), (290, 45412), (299, 45481),

Gene: Sporco_82 Start: 45355, Stop: 46923, Start Num: 96
Candidate Starts for Sporco_82:
(Start: 96 @45355 has 129 MA's), (102, 45376), (Start: 104 @45415 has 1 MA's), (110, 45445), (128, 45682), (129, 45691), (135, 45745), (140, 45766), (143, 45790), (146, 45820), (148, 45826), (149, 45835), (152, 45883), (164, 45982), (176, 46117), (179, 46168), (226, 46393), (228, 46399), (231, 46423), (244, 46528), (245, 46534), (249, 46558), (257, 46597), (258, 46612), (261, 46624), (282, 46762), (285, 46792), (287, 46816),

Gene: Sproutie_61 Start: 38721, Stop: 40250, Start Num: 96

Candidate Starts for Sproutie_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Suerte_58 Start: 40134, Stop: 41654, Start Num: 96
Candidate Starts for Suerte_58:
(54, 40011), (Start: 96 @40134 has 129 MA's), (99, 40140), (Start: 100 @40146 has 1 MA's), (102, 40155), (120, 40371), (128, 40461), (142, 40563), (143, 40569), (146, 40599), (147, 40602), (149, 40614), (152, 40662), (154, 40671), (164, 40761), (170, 40833), (193, 41022), (223, 41136), (224, 41145), (227, 41169), (230, 41178), (260, 41355), (266, 41382), (282, 41490), (285, 41520), (292, 41574),

Gene: Suscepit_63 Start: 42164, Stop: 43741, Start Num: 96
Candidate Starts for Suscepit_63:
(70, 42095), (73, 42098), (Start: 96 @42164 has 129 MA's), (99, 42170), (Start: 100 @42176 has 1 MA's), (102, 42185), (108, 42242), (120, 42401), (128, 42491), (131, 42536), (142, 42593), (143, 42599), (147, 42632), (149, 42644), (152, 42692), (154, 42701), (156, 42743), (164, 42791), (170, 42863), (179, 42980), (200, 43100), (204, 43148), (223, 43217), (224, 43226), (230, 43259), (236, 43298), (256, 43406), (260, 43436), (282, 43580), (285, 43610), (292, 43664),

Gene: SushiChef_61 Start: 44393, Stop: 45970, Start Num: 96
Candidate Starts for SushiChef_61:
(Start: 96 @44393 has 129 MA's), (120, 44630), (128, 44720), (131, 44765), (142, 44822), (143, 44828), (146, 44858), (147, 44861), (149, 44873), (152, 44921), (154, 44930), (164, 45020), (170, 45092), (179, 45209), (184, 45245), (200, 45329), (204, 45377), (223, 45446), (224, 45455), (230, 45488), (236, 45527), (256, 45635), (260, 45665), (282, 45809), (285, 45839), (292, 45893),

Gene: TChen_71 Start: 45666, Stop: 47195, Start Num: 98
Candidate Starts for TChen_71:
(66, 45582), (84, 45624), (Start: 98 @45666 has 33 MA's), (106, 45735), (114, 45813), (120, 45900), (125, 45951), (128, 45990), (129, 45999), (135, 46053), (142, 46092), (143, 46098), (146, 46128), (149, 46143), (152, 46191), (153, 46197), (154, 46200), (159, 46260), (163, 46287), (164, 46290), (168, 46347), (172, 46386), (179, 46482), (198, 46569), (199, 46575), (200, 46584), (210, 46617), (224, 46677), (242, 46800), (250, 46827), (251, 46830), (257, 46866), (260, 46887), (266, 46923), (270, 46956), (271, 46959), (282, 47031), (285, 47061), (290, 47109),

Gene: TPA4_74 Start: 47059, Stop: 48669, Start Num: 96
Candidate Starts for TPA4_74:
(40, 46888), (76, 46993), (Start: 96 @47059 has 129 MA's), (128, 47395), (134, 47455), (143, 47503), (147, 47536), (149, 47548), (152, 47596), (153, 47602), (154, 47605), (159, 47665), (162, 47686), (164, 47695), (185, 47926), (200, 48004), (201, 48031), (224, 48130), (234, 48184), (260, 48367), (269, 48430), (278, 48487), (282, 48514), (285, 48544), (287, 48568), (292, 48598),

Gene: Tayonia_63 Start: 42163, Stop: 43740, Start Num: 96
Candidate Starts for Tayonia_63:
(70, 42094), (73, 42097), (Start: 96 @42163 has 129 MA's), (99, 42169), (Start: 100 @42175 has 1 MA's), (102, 42184), (108, 42241), (120, 42400), (128, 42490), (131, 42535), (142, 42592), (143, 42598), (147, 42631), (149, 42643), (152, 42691), (154, 42700), (156, 42742), (164, 42790), (170, 42862), (179, 42979), (200, 43099), (204, 43147), (223, 43216), (224, 43225), (230, 43258), (236, 43297), (256, 43405), (260, 43435), (282, 43579), (285, 43609), (292, 43663),

Gene: ThankyouJordi_65 Start: 45325, Stop: 46878, Start Num: 95
Candidate Starts for ThankyouJordi_65:
(30, 45115), (70, 45253), (73, 45256), (Start: 95 @45325 has 8 MA's), (120, 45562), (125, 45613), (128, 45652), (131, 45697), (142, 45754), (143, 45760), (147, 45793), (149, 45805), (152, 45853), (154, 45862), (164, 45952), (170, 46024), (179, 46141), (200, 46249), (210, 46279), (212, 46285), (214, 46297), (223, 46336), (230, 46393), (236, 46432), (256, 46540), (260, 46570), (282, 46714), (285, 46744), (292, 46798), (298, 46849),

Gene: ThayneTheZag_84 Start: 44587, Stop: 46248, Start Num: 69
Candidate Starts for ThayneTheZag_84:
(Start: 69 @44587 has 1 MA's), (90, 44641), (102, 44677), (106, 44728), (110, 44746), (120, 44893), (128, 44983), (129, 44992), (134, 45043), (135, 45046), (140, 45067), (143, 45091), (146, 45121), (148, 45127), (149, 45136), (152, 45184), (153, 45190), (154, 45193), (157, 45238), (162, 45274), (179, 45472), (205, 45619), (215, 45640), (223, 45664), (229, 45718), (235, 45754), (238, 45778), (245, 45841), (249, 45865), (258, 45919), (261, 45931), (262, 45955), (282, 46069), (285, 46099), (287, 46123), (297, 46201),

Gene: ThetaBob_75 Start: 44798, Stop: 46225, Start Num: 98
Candidate Starts for ThetaBob_75:
(Start: 98 @44798 has 33 MA's), (101, 44810), (102, 44816), (109, 44879), (112, 44906), (121, 45044), (128, 45122), (131, 45167), (143, 45230), (149, 45275), (150, 45287), (154, 45332), (164, 45422), (165, 45428), (168, 45479), (170, 45497), (173, 45527), (176, 45563), (178, 45599), (211, 45668), (219, 45701), (224, 45722), (227, 45746), (236, 45794), (241, 45842), (242, 45845), (276, 46022), (279, 46040), (282, 46061), (283, 46064), (285, 46091), (288, 46118), (290, 46139), (293, 46160), (297, 46193), (301, 46214),

Gene: Tiff81_75 Start: 42815, Stop: 44386, Start Num: 96
Candidate Starts for Tiff81_75:
(Start: 96 @42815 has 129 MA's), (102, 42836), (Start: 104 @42875 has 1 MA's), (110, 42905), (128, 43142), (129, 43151), (140, 43226), (142, 43244), (143, 43250), (146, 43280), (148, 43286), (149, 43295), (152, 43343), (161, 43430), (164, 43442), (179, 43628), (201, 43766), (226, 43853), (229, 43874), (235, 43910), (238, 43934), (244, 43991), (245, 43997), (249, 44021), (257, 44060), (258, 44075), (261, 44087), (282, 44225), (285, 44255), (287, 44279),

Gene: TimTam_66 Start: 44723, Stop: 46300, Start Num: 96
Candidate Starts for TimTam_66:
(73, 44657), (Start: 96 @44723 has 129 MA's), (120, 44960), (128, 45050), (131, 45095), (142, 45152), (143, 45158), (147, 45191), (149, 45203), (152, 45251), (156, 45302), (164, 45350), (179, 45539), (200, 45659), (204, 45707), (210, 45725), (223, 45776), (224, 45785), (230, 45818), (236, 45857), (256, 45965), (260, 45995), (265, 46031), (282, 46139), (285, 46169), (292, 46223),

Gene: TootsiePop_71 Start: 43703, Stop: 45217, Start Num: 98
Candidate Starts for TootsiePop_71:
(66, 43619), (87, 43661), (Start: 98 @43703 has 33 MA's), (106, 43772), (114, 43850), (120, 43937), (125, 43988), (128, 44027), (129, 44036), (135, 44090), (142, 44129), (143, 44135), (146, 44165), (149, 44180), (152, 44228), (153, 44234), (154, 44237), (159, 44297), (163, 44324), (164, 44327), (168, 44384), (172, 44423), (179, 44519), (198, 44606), (199, 44612), (200, 44621), (210, 44654), (217, 44687), (224, 44714), (227, 44738), (242, 44837), (251, 44867), (255, 44885), (257, 44903), (258, 44918), (276, 45014), (282, 45053), (285, 45083), (301, 45206),

Gene: TripleJ_60 Start: 36003, Stop: 37250, Start Num: 96
Candidate Starts for TripleJ_60:

(Start: 96 @36003 has 129 MA's), (103, 36060), (106, 36075), (108, 36081), (120, 36240), (121, 36252), (128, 36336), (129, 36345), (132, 36384), (136, 36405), (143, 36444), (149, 36489), (154, 36546), (158, 36597), (161, 36621), (174, 36738), (179, 36822), (275, 37047), (282, 37089), (284, 37110), (285, 37119), (289, 37155), (291, 37170), (293, 37188), (298, 37224),

Gene: Trumpet_63 Start: 42164, Stop: 43741, Start Num: 96
Candidate Starts for Trumpet_63:
(70, 42095), (73, 42098), (Start: 96 @42164 has 129 MA's), (99, 42170), (Start: 100 @42176 has 1 MA's), (102, 42185), (108, 42242), (120, 42401), (128, 42491), (131, 42536), (142, 42593), (143, 42599), (147, 42632), (149, 42644), (152, 42692), (154, 42701), (156, 42743), (164, 42791), (170, 42863), (179, 42980), (200, 43100), (204, 43148), (223, 43217), (224, 43226), (230, 43259), (236, 43298), (256, 43406), (260, 43436), (282, 43580), (285, 43610), (292, 43664),

Gene: TuertoX_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for TuertoX_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Valary_60 Start: 44491, Stop: 46023, Start Num: 96
Candidate Starts for Valary_60:
(2, 43927), (3, 43963), (5, 44083), (40, 44332), (60, 44389), (Start: 96 @44491 has 129 MA's), (128, 44818), (131, 44863), (142, 44920), (143, 44926), (147, 44959), (149, 44971), (152, 45019), (154, 45028), (164, 45118), (170, 45190), (179, 45307), (203, 45415), (209, 45445), (230, 45538), (242, 45628), (246, 45637), (253, 45670), (260, 45718), (282, 45862), (285, 45892), (292, 45946),

Gene: VanDeWege_61 Start: 43783, Stop: 45363, Start Num: 96
Candidate Starts for VanDeWege_61:
(2, 43219), (3, 43255), (5, 43375), (40, 43624), (60, 43681), (Start: 96 @43783 has 129 MA's), (128, 44110), (131, 44155), (142, 44212), (143, 44218), (147, 44251), (149, 44263), (152, 44311), (154, 44320), (156, 44362), (179, 44599), (200, 44719), (204, 44767), (224, 44845), (230, 44878), (246, 44977), (253, 45010), (260, 45058), (282, 45202), (285, 45232), (292, 45286),

Gene: Vasanti_59 Start: 38703, Stop: 40229, Start Num: 96
Candidate Starts for Vasanti_59:
(18, 38448), (28, 38493), (70, 38631), (73, 38634), (Start: 96 @38703 has 129 MA's), (120, 38940), (125, 38991), (128, 39030), (142, 39132), (143, 39138), (147, 39171), (149, 39183), (152, 39231), (164, 39330), (179, 39519), (193, 39591), (223, 39705), (224, 39714), (230, 39747), (260, 39924), (282, 40068), (285, 40098), (292, 40152),

Gene: Vopal_81 Start: 45846, Stop: 47312, Start Num: 96
Candidate Starts for Vopal_81:
(Start: 96 @45846 has 129 MA's), (102, 45867), (Start: 104 @45906 has 1 MA's), (110, 45936), (128, 46173), (129, 46182), (135, 46236), (140, 46257), (143, 46281), (146, 46311), (148, 46317), (149, 46326), (152, 46374), (164, 46473), (179, 46659), (186, 46704), (213, 46818), (223, 46851), (227, 46887), (244, 46917), (245, 46923), (249, 46947), (252, 46956), (257, 46986), (258, 47001), (261, 47013), (282, 47151), (285, 47181), (287, 47205), (290, 47229), (299, 47298),

Gene: WelcomeAyanna_65 Start: 45472, Stop: 47025, Start Num: 95
Candidate Starts for WelcomeAyanna_65:
(30, 45262), (70, 45400), (73, 45403), (Start: 95 @45472 has 8 MA's), (120, 45709), (125, 45760), (128, 45799), (131, 45844), (142, 45901), (143, 45907), (147, 45940), (149, 45952), (152, 46000),

(154, 46009), (164, 46099), (170, 46171), (179, 46288), (200, 46396), (210, 46426), (212, 46432), (214, 46444), (223, 46483), (230, 46540), (236, 46579), (256, 46687), (260, 46717), (282, 46861), (285, 46891), (292, 46945), (298, 46996),

Gene: Whiteclaw_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Whiteclaw_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Windest_83 Start: 43025, Stop: 44491, Start Num: 96
Candidate Starts for Windest_83:
(Start: 96 @43025 has 129 MA's), (102, 43046), (Start: 104 @43085 has 1 MA's), (110, 43115), (128, 43352), (129, 43361), (135, 43415), (140, 43436), (142, 43454), (143, 43460), (146, 43490), (148, 43496), (149, 43505), (152, 43553), (153, 43559), (161, 43640), (164, 43652), (176, 43787), (179, 43838), (186, 43883), (213, 43997), (223, 44030), (227, 44066), (244, 44096), (245, 44102), (249, 44126), (252, 44135), (257, 44165), (258, 44180), (261, 44192), (282, 44330), (285, 44360), (287, 44384), (290, 44408), (299, 44477),

Gene: Wizard_57 Start: 43689, Stop: 45269, Start Num: 96
Candidate Starts for Wizard_57:
(2, 43125), (3, 43161), (5, 43281), (40, 43530), (60, 43587), (Start: 96 @43689 has 129 MA's), (128, 44016), (131, 44061), (142, 44118), (143, 44124), (147, 44157), (149, 44169), (152, 44217), (154, 44226), (156, 44268), (179, 44505), (200, 44625), (204, 44673), (224, 44751), (230, 44784), (246, 44883), (253, 44916), (260, 44964), (282, 45108), (285, 45138), (292, 45192),

Gene: Xavia_59 Start: 42100, Stop: 43641, Start Num: 98
Candidate Starts for Xavia_59:
(51, 41959), (66, 42016), (87, 42058), (Start: 98 @42100 has 33 MA's), (106, 42169), (108, 42175), (114, 42247), (120, 42334), (125, 42385), (128, 42424), (129, 42433), (135, 42487), (142, 42526), (143, 42532), (146, 42562), (149, 42577), (152, 42625), (153, 42631), (154, 42634), (159, 42694), (163, 42721), (164, 42724), (168, 42781), (171, 42817), (179, 42916), (187, 42964), (200, 43024), (227, 43144), (242, 43246), (250, 43273), (251, 43276), (257, 43312), (260, 43333), (266, 43369), (270, 43402), (271, 43405), (282, 43477), (285, 43507), (290, 43555),

Gene: Yeet412_58 Start: 39267, Stop: 40796, Start Num: 96
Candidate Starts for Yeet412_58:
(22, 39021), (30, 39057), (46, 39123), (70, 39198), (73, 39201), (Start: 96 @39267 has 129 MA's), (99, 39273), (Start: 100 @39279 has 1 MA's), (102, 39288), (108, 39345), (127, 39588), (128, 39594), (138, 39684), (143, 39714), (146, 39744), (149, 39759), (153, 39813), (164, 39906), (168, 39960), (179, 40095), (188, 40143), (224, 40293), (243, 40410), (248, 40446), (254, 40467), (282, 40635), (285, 40665), (286, 40686), (287, 40689), (292, 40719), (294, 40737),

Gene: Yinzer_61 Start: 38721, Stop: 40250, Start Num: 96
Candidate Starts for Yinzer_61:
(70, 38652), (73, 38655), (Start: 96 @38721 has 129 MA's), (99, 38727), (128, 39048), (131, 39093), (142, 39150), (143, 39156), (147, 39189), (149, 39201), (152, 39249), (154, 39258), (156, 39300), (164, 39348), (170, 39420), (172, 39441), (179, 39537), (193, 39609), (223, 39723), (224, 39732), (230, 39765), (242, 39855), (260, 39942), (282, 40086), (285, 40116), (292, 40170),

Gene: Yoshi_85 Start: 45264, Stop: 46691, Start Num: 98
Candidate Starts for Yoshi_85:

(Start: 98 @45264 has 33 MA's), (Start: 104 @45321 has 1 MA's), (108, 45339), (116, 45444), (121, 45510), (128, 45588), (129, 45597), (131, 45633), (136, 45657), (143, 45696), (146, 45726), (149, 45741), (150, 45753), (154, 45798), (164, 45888), (165, 45894), (170, 45963), (172, 45984), (176, 46029), (177, 46032), (224, 46188), (236, 46260), (242, 46311), (257, 46377), (276, 46488), (279, 46506), (280, 46515), (281, 46518), (282, 46527), (283, 46530), (285, 46557), (288, 46584), (301, 46680),

Gene: YoungHarleezy_79 Start: 43945, Stop: 45516, Start Num: 96
Candidate Starts for YoungHarleezy_79:
(Start: 96 @43945 has 129 MA's), (102, 43966), (Start: 104 @44005 has 1 MA's), (110, 44035), (128, 44272), (129, 44281), (135, 44335), (140, 44356), (142, 44374), (143, 44380), (146, 44410), (148, 44416), (149, 44425), (152, 44473), (164, 44572), (176, 44707), (179, 44758), (226, 44983), (229, 45004), (235, 45040), (238, 45064), (244, 45121), (245, 45127), (249, 45151), (257, 45190), (258, 45205), (261, 45217), (282, 45355), (285, 45385), (287, 45409), (299, 45502),

Gene: Zameen_63 Start: 42163, Stop: 43740, Start Num: 96
Candidate Starts for Zameen_63:
(70, 42094), (73, 42097), (Start: 96 @42163 has 129 MA's), (99, 42169), (Start: 100 @42175 has 1 MA's), (102, 42184), (108, 42241), (120, 42400), (128, 42490), (131, 42535), (142, 42592), (143, 42598), (147, 42631), (149, 42643), (152, 42691), (154, 42700), (156, 42742), (164, 42790), (170, 42862), (179, 42979), (200, 43099), (204, 43147), (223, 43216), (224, 43225), (230, 43258), (236, 43297), (256, 43405), (260, 43435), (282, 43579), (285, 43609), (292, 43663),

Gene: Zilla_63 Start: 40425, Stop: 41951, Start Num: 96
Candidate Starts for Zilla_63:
(43, 40275), (48, 40284), (89, 40395), (Start: 96 @40425 has 129 MA's), (126, 40716), (128, 40752), (142, 40854), (143, 40860), (146, 40890), (147, 40893), (149, 40905), (152, 40953), (154, 40962), (156, 41004), (164, 41052), (168, 41106), (170, 41124), (179, 41241), (193, 41313), (223, 41427), (224, 41436), (230, 41469), (259, 41643), (260, 41646), (282, 41790), (285, 41820), (292, 41874),

Gene: Zirinka_60 Start: 42783, Stop: 44363, Start Num: 96
Candidate Starts for Zirinka_60:
(70, 42714), (73, 42717), (Start: 96 @42783 has 129 MA's), (99, 42789), (Start: 100 @42795 has 1 MA's), (102, 42804), (108, 42861), (120, 43020), (125, 43071), (128, 43110), (131, 43155), (142, 43212), (143, 43218), (147, 43251), (149, 43263), (152, 43311), (154, 43320), (156, 43362), (164, 43410), (170, 43482), (179, 43599), (200, 43719), (204, 43767), (210, 43785), (224, 43845), (230, 43878), (242, 43968), (260, 44055), (282, 44199), (285, 44229), (292, 44283),

Gene: Zodiariah_58 Start: 43978, Stop: 45615, Start Num: 58
Candidate Starts for Zodiariah_58:
(23, 43855), (Start: 58 @43978 has 1 MA's), (61, 43987), (Start: 96 @44080 has 129 MA's), (108, 44158), (120, 44317), (124, 44356), (128, 44407), (143, 44515), (146, 44545), (149, 44560), (152, 44608), (156, 44659), (159, 44677), (164, 44707), (168, 44764), (170, 44782), (172, 44803), (178, 44884), (179, 44899), (196, 44986), (200, 45007), (207, 45034), (210, 45037), (255, 45268), (257, 45286), (260, 45307), (282, 45451), (285, 45481), (292, 45535), (301, 45604),

Gene: Zucker_77 Start: 45179, Stop: 46609, Start Num: 100
Candidate Starts for Zucker_77:
(64, 45080), (65, 45083), (75, 45104), (Start: 96 @45167 has 129 MA's), (99, 45173), (Start: 100 @45179 has 1 MA's), (102, 45188), (Start: 104 @45227 has 1 MA's), (108, 45245), (128, 45494), (129, 45503), (135, 45557), (140, 45578), (142, 45596), (143, 45602), (148, 45638), (149, 45647), (152, 45695), (153, 45701), (162, 45788), (164, 45797), (172, 45887), (179, 45983), (186, 46028), (190, 46043), (195, 46070), (202, 46124), (223, 46175), (244, 46232), (245, 46238), (249, 46262), (258,

46316), (279, 46427), (282, 46448), (285, 46478), (287, 46502), (290, 46526), (292, 46532), (298, 46583),