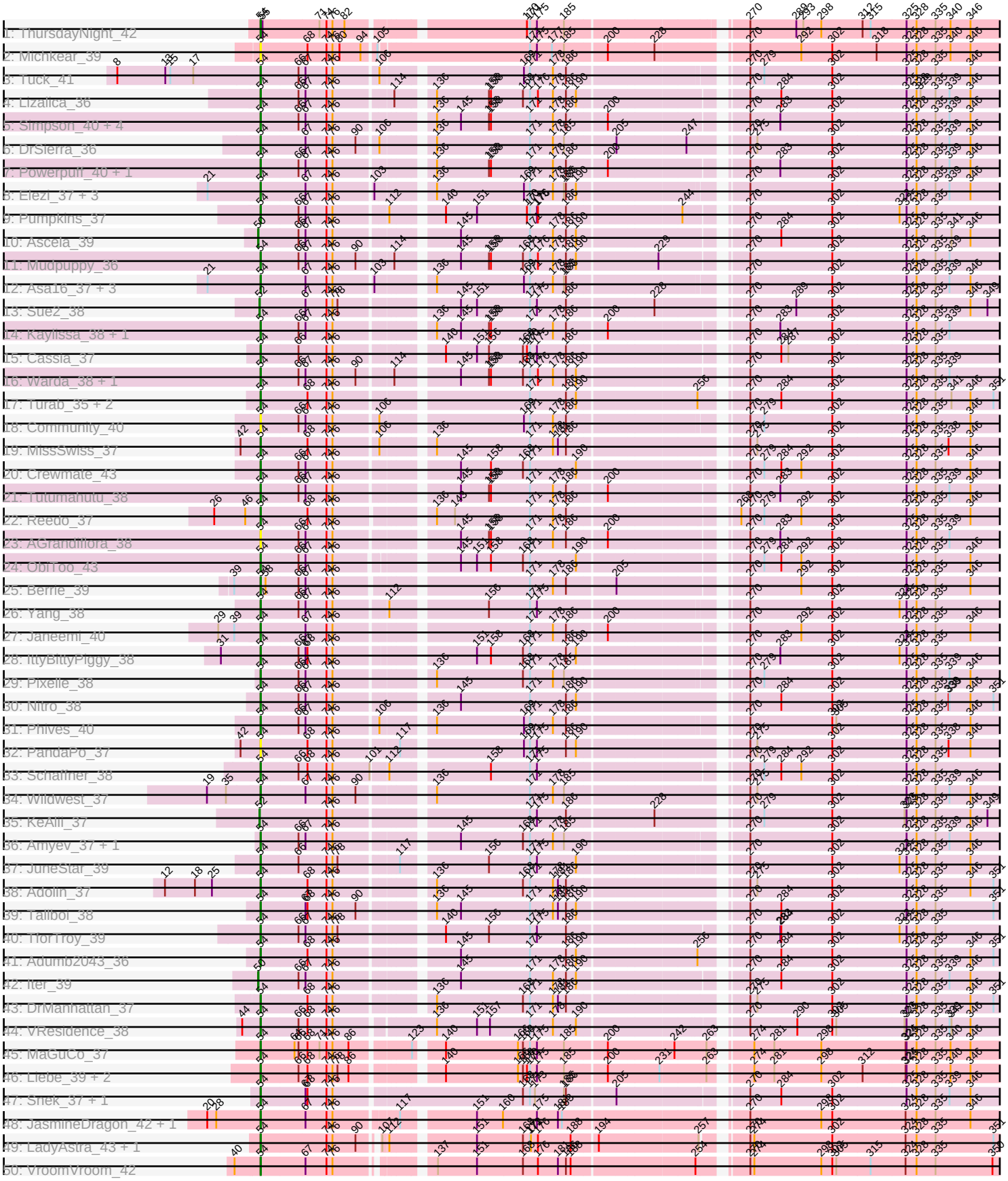
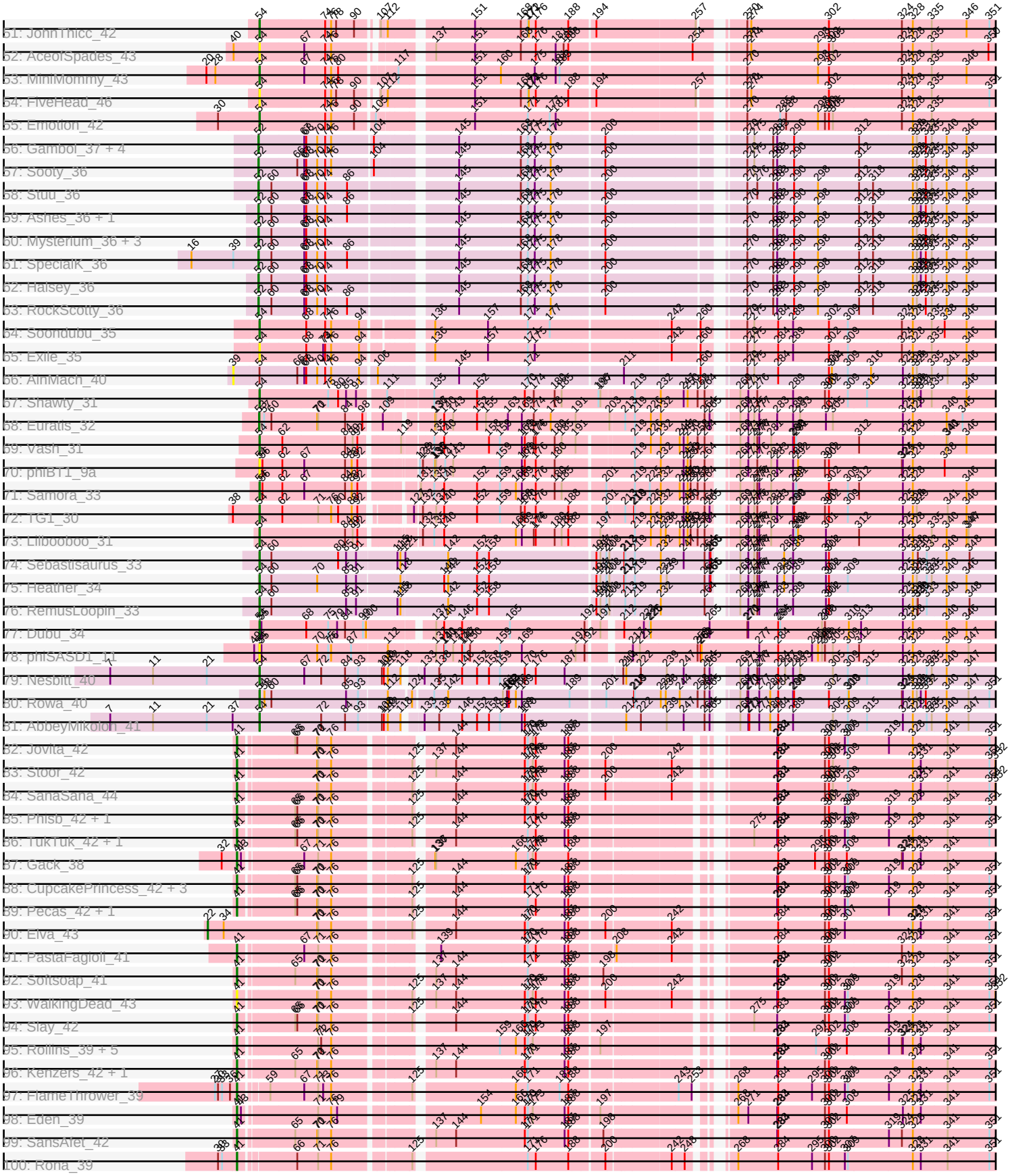
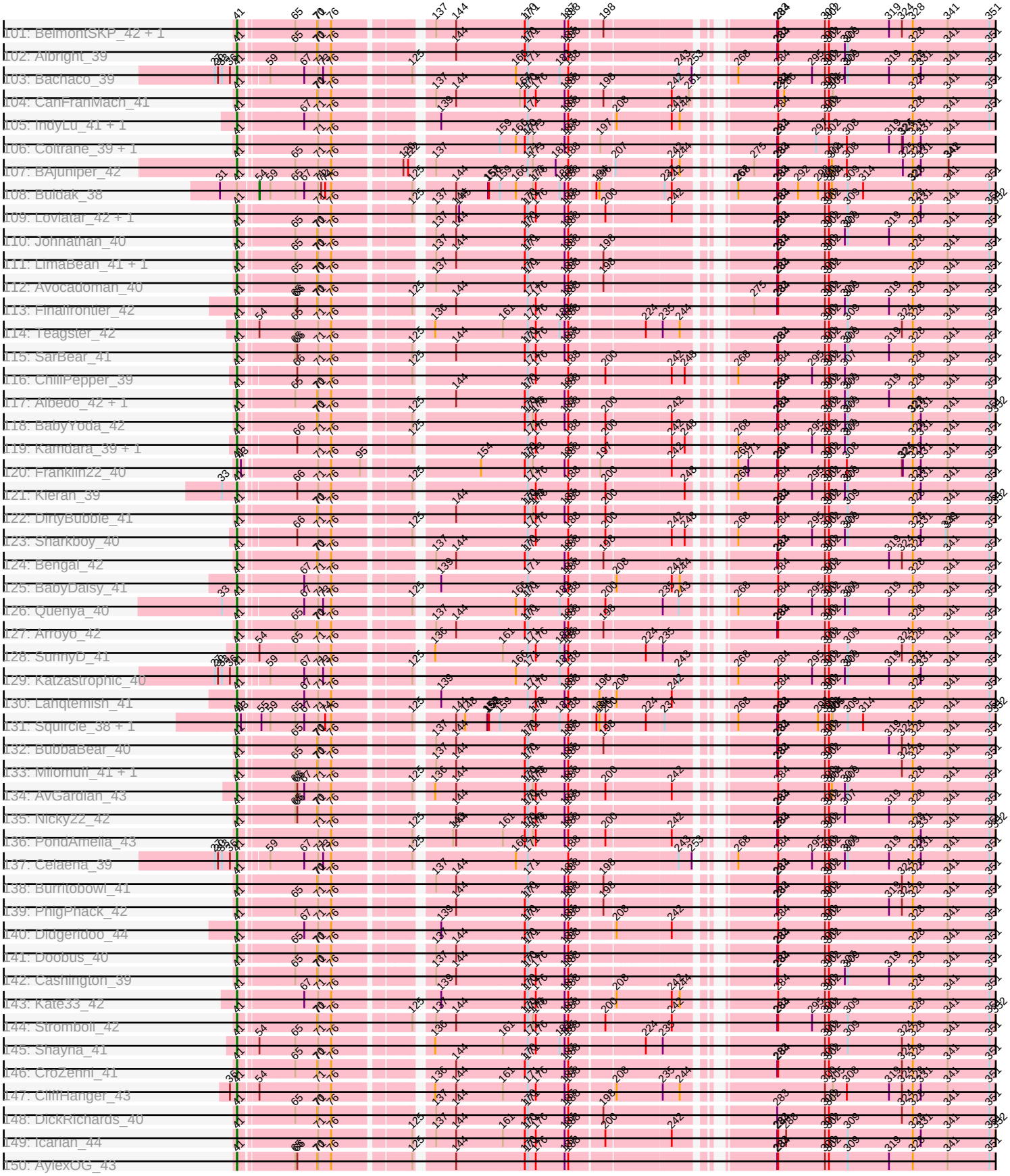
Zoomed Pham 347248



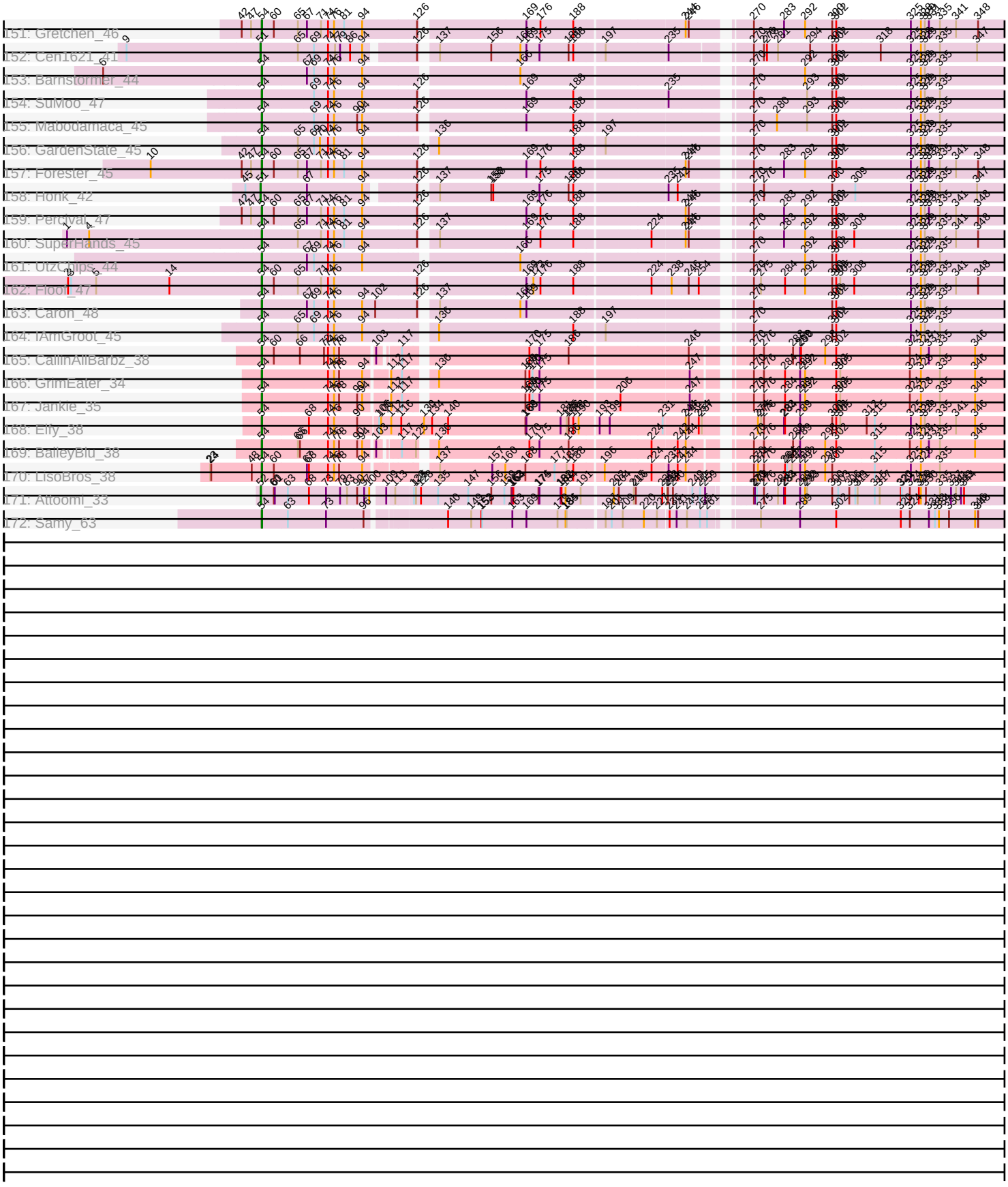
Zoomed Pham 347248



Zoomed Pham 347248



Zoomed Pham 347248



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 347248 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 347248 has 222 members, 20 are drafts.

Phages represented in each track:
- Track 1 : ThursdayNight_42
- Track 2 : Michkear_39
- Track 3 : Tuck_41
- Track 4 : Lizalica_36
- Track 5 : Simpson_40, Cyan_38, JohnDoe_38, Flutur_37, Joemato_38
- Track 6 : DrSierra_36
- Track 7 : Powerpuff_40, YesChef_38
- Track 8 : Elezi_37, London_37, Subaru_37, Eraser_37
- Track 9 : Pumpkins_37
- Track 10 : Ascela_39
- Track 11 : Mudpuppy_36
- Track 12 : Asa16_37, Niobe_37, Skelbel_38, Jstan_39
- Track 13 : Sue2_38
- Track 14 : Kaylissa_38, Lego_38
- Track 15 : Cassia_37
- Track 16 : Warda_38, Tbone_37
- Track 17 : Turab_35, Amploria_37, AEgle_35
- Track 18 : Community_40
- Track 19 : MissSwiss_37
- Track 20 : Crewmate_43
- Track 21 : Tutumahutu_38
- Track 22 : Reedo_37
- Track 23 : AGrandiflora_38
- Track 24 : ObiToo_43
- Track 25 : Berrie_39
- Track 26 : Yang_38
- Track 27 : Janeemi_40
- Track 28 : IttyBittyPiggy_38
- Track 29 : Pixelle_38
- Track 30 : Nitro_38
- Track 31 : Phives_40
- Track 32 : PandaPo_37
- Track 33 : Schaffner_38

• Track 34 : Wildwest_37
• Track 35 : KeAlii_37
• Track 36 : Amyev_37, Tian_37
• Track 37 : JuneStar_39
• Track 38 : Adolin_37
• Track 39 : Tallboi_38
• Track 40 : TforTroy_39
• Track 41 : Adumb2043_36
• Track 42 : Iter_39
• Track 43 : DrManhattan_37
• Track 44 : VResidence_38
• Track 45 : MaGuCo_37
• Track 46 : Liebe_39, Maureen_39, IUFootball_39
• Track 47 : Snek_37, Tweety19_37
• Track 48 : JasmineDragon_42, ShakeItOph_42
• Track 49 : LadyAstra_43, Origami_42
• Track 50 : VroomVroom_42
• Track 51 : JohnThicc_42
• Track 52 : AceofSpades_43
• Track 53 : MiniMommy_43
• Track 54 : FiveHead_46
• Track 55 : Emotion_42
• Track 56 : Gambol_37, Kalimba_36, Cappuccino_36, Donkey_36, Sabourin_36
• Track 57 : Sooty_36
• Track 58 : Stuu_36
• Track 59 : Ashes_36, Moss_36
• Track 60 : Mysterium_36, Giorgio_36, Beaupre_36, Gumpizza_36
• Track 61 : SpecialK_36
• Track 62 : Halsey_36
• Track 63 : RockScotty_36
• Track 64 : Soondubu_35
• Track 65 : Exile_35
• Track 66 : AinMach_40
• Track 67 : Shawty_31
• Track 68 : Euratis_32
• Track 69 : Vash_31
• Track 70 : phiBT1_9a
• Track 71 : Samora_33
• Track 72 : TG1_30
• Track 73 : Lilbooboo_31
• Track 74 : Sebastisaurus_33
• Track 75 : Heather_34
• Track 76 : RemusLoopin_33
• Track 77 : Dubu_34
• Track 78 : phiSASD1_11
• Track 79 : Nesbitt_40
• Track 80 : Rowa_40
• Track 81 : AbbeyMikolon_41
• Track 82 : Jovita_42
• Track 83 : Stoor_42
• Track 84 : SanaSana_44
• Track 85 : Phisb_42, Swervy_42
• Track 86 : TukTuk_42, Lilo27_42

• Track 87 : Gack_38
• Track 88 : CupcakePrincess_42, Jabb_42, Eula_42, MsUbiquitous_42
• Track 89 : Pecas_42, QMacho_44
• Track 90 : Elva_43
• Track 91 : PastaFagioli_41
• Track 92 : Softsoap_41
• Track 93 : WalkingDead_43
• Track 94 : Slay_42
• Track 95 : Rollins_39, Armstrong_39, Skylord_39, Bernstein_39, Clayda5_40, Vitas_39
• Track 96 : Kenzers_42, Lynlen_42
• Track 97 : FlameThrower_39
• Track 98 : Eden_39
• Track 99 : SansAfet_42
• Track 100 : Rona_39
• Track 101 : BelmontSKP_42, AnnaLie_42
• Track 102 : Albright_39
• Track 103 : Bachaco_39
• Track 104 : CanFranMach_41
• Track 105 : IndyLu_41, Grist_41
• Track 106 : Coltrane_39, Brahms_39
• Track 107 : BAjuniper_42
• Track 108 : Buldak_38
• Track 109 : Loviatar_42, Akino08_42
• Track 110 : Johnathan_40
• Track 111 : LimaBean_41, Abigail_41
• Track 112 : Avocadoman_40
• Track 113 : Finalfrontier_42
• Track 114 : Teagster_42
• Track 115 : SarBear_41
• Track 116 : ChiliPepper_39
• Track 117 : Albedo_42, SirBeanington_41
• Track 118 : BabyYoda_42
• Track 119 : Kamdara_39, Dismas_39
• Track 120 : Franklin22_40
• Track 121 : Kieran_39
• Track 122 : DirtyBubble_41
• Track 123 : Sharkboy_40
• Track 124 : Bengal_42
• Track 125 : BabyDaisy_41
• Track 126 : Quenya_40
• Track 127 : Arroyo_42
• Track 128 : SunnyD_41
• Track 129 : Katzastrophic_40
• Track 130 : Lahqtemish_41
• Track 131 : Squircle_38, Olliecat_38
• Track 132 : BubbaBear_40
• Track 133 : Milomuff_41, Solea_42
• Track 134 : AvGardian_43
• Track 135 : Nicky22_42
• Track 136 : PondAmelia_43
• Track 137 : Celaena_39
• Track 138 : Burritobowl_41

• Track 139 : PhigPhack_42
• Track 140 : Didgeridoo_44
• Track 141 : Doobus_40
• Track 142 : Cashington_39
• Track 143 : Kate33_42
• Track 144 : Stromboli_42
• Track 145 : Shayna_41
• Track 146 : CroZenni_41
• Track 147 : CliffHanger_43
• Track 148 : DickRichards_40
• Track 149 : Icarian_44
• Track 150 : AylexOG_43
• Track 151 : Gretchen_46
• Track 152 : Cen1621_41
• Track 153 : Barnstormer_44
• Track 154 : SuMoo_47
• Track 155 : Mabodamaca_45
• Track 156 : GardenState_45
• Track 157 : Forester_45
• Track 158 : Honk_42
• Track 159 : Percival_47
• Track 160 : SuperHands_45
• Track 161 : UtzChips_44
• Track 162 : Floof_47
• Track 163 : Caron_48
• Track 164 : IAmGroot_45
• Track 165 : CallinAllBarbz_38
• Track 166 : GrimEater_34
• Track 167 : Jankie_35
• Track 168 : Elfy_38
• Track 169 : BaileyBlu_38
• Track 170 : LisoBros_38
• Track 171 : Attoomi_33
• Track 172 : Samy_63

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

The start number called the most often in the published annotations is 54, it was called in 93 of the 202 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AEgle_35, AGrandiflora_38, AbbeyMikolon_41, AceofSpades_43, Adolin_37, Adumb2043_36, Amploria_37, Amyev_37, Asa16_37, BaileyBlu_38, Barnstormer_44, Berrie_39, Buldak_38, CallinAllBarbz_38, Caron_48, Cassia_37, Community_40, Crewmate_43, Cyan_38, DrManhattan_37, DrSierra_36, Dubu_34, Elezi_37, Elfy_38, Emotion_42, Eraser_37, Exile_35, FiveHead_46, Floof_47, Flutur_37, Forester_45, GardenState_45, Gretchen_46, GrimEater_34, Heather_34, IAmGroot_45, IUFootball_39, IttyBittyPiggy_38, Janeemi_40, Jankie_35, JasmineDragon_42, Joemato_38, JohnDoe_38, JohnThicc_42, Jstan_39, JuneStar_39, Kaylissa_38, LadyAstra_43, Lego_38, Liebe_39, Lilbooboo_31, LisoBros_38, Lizalica_36,

London_37, MaGuCo_37, Mabodamaca_45, Maureen_39, Michkear_39, MiniMommy_43, MissSwiss_37, Mudpuppy_36, Nesbitt_40, Niobe_37, Nitro_38, ObiToo_43, Origami_42, PandaPo_37, Percival_47, Phives_40, Pixelle_38, Powerpuff_40, Pumpkins_37, Reedo_37, RemusLoopin_33, Rowa_40, Samora_33, Samy_63, Schaffner_38, Sebastisaurus_33, ShakeItOph_42, Shawty_31, Simpson_40, Skelbel_38, Snek_37, Soondubu_35, SuMoo_47, Subaru_37, SuperHands_45, TG1_30, Tallboi_38, Tbone_37, TforTroy_39, ThursdayNight_42, Tian_37, Tuck_41, Turab_35, Tutumahutu_38, Tweety19_37, UtzChips_44, VResidence_38, Vash_31, VroomVroom_42, Warda_38, Wildwest_37, Yang_38, YesChef_38, phiBT1_9a, phiSASD1_11,

Genes that have the "Most Annotated" start but do not call it:
• AinMach_40, CliffHanger_43, Shayna_41, SunnyD_41, Teagster_42,

Genes that do not have the "Most Annotated" start:
• Abigail_41, Akino08_42, Albedo_42, Albright_39, AnnaLie_42, Armstrong_39, Arroyo_42, Ascela_39, Ashes_36, Attoomi_33, AvGardian_43, Avocadoman_40, AylexOG_43, BAjuniper_42, BabyDaisy_41, BabyYoda_42, Bachaco_39, Beaupre_36, BelmontSKP_42, Bengal_42, Bernstein_39, Brahms_39, BubbaBear_40, Burritobowl_41, CanFranMach_41, Cappuccino_36, Cashington_39, Celaena_39, Cen1621_41, ChiliPepper_39, Clayda5_40, Coltrane_39, CroZenni_41, CupcakePrincess_42, DickRichards_40, Didgeridoo_44, DirtyBubble_41, Dismas_39, Donkey_36, Doobus_40, Eden_39, Elva_43, Eula_42, Euratis_32, Finalfrontier_42, FlameThrower_39, Franklin22_40, Gack_38, Gambol_37, Giorgio_36, Grist_41, Gumpizza_36, Halsey_36, Honk_42, Icarian_44, IndyLu_41, Iter_39, Jabb_42, Johnathan_40, Jovita_42, Kalimba_36, Kamdara_39, Kate33_42, Katzastrophic_40, KeAlii_37, Kenzers_42, Kieran_39, Lahqtemish_41, Lilo27_42, LimaBean_41, Loviatar_42, Lynlen_42, Milomuff_41, Moss_36, MsUbiquitous_42, Mysterium_36, Nicky22_42, Olliecat_38, PastaFagioli_41, Pecas_42, PhigPhack_42, Phisb_42, PondAmelia_43, QMacho_44, Quenya_40, RockScotty_36, Rollins_39, Rona_39, Sabourin_36, SanaSana_44, SansAfet_42, SarBear_41, Sharkboy_40, SirBeanington_41, Skylord_39, Slay_42, Softsoap_41, Solea_42, Sooty_36, SpecialK_36, Squircle_38, Stoor_42, Stromboli_42, Stuu_36, Sue2_38, Swervy_42, TukTuk_42, Vitas_39, WalkingDead_43,

Summary by start number:

Start 22:
• Found in 1 of 222 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 202
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Elva_43 (EB),

Start 39:
• Found in 4 of 222 (1.8%) of genes in pham
• No Manual Annotations of this start.
• Called 25.0% of time when present
• Phage (with cluster) where this start called: AinMach_40 (AZ7),

Start 41:
• Found in 89 of 222 (40.1%) of genes in pham
• Manual Annotations of this start: 84 of 202
• Called 98.9% of time when present

• Phage (with cluster) where this start called: Abigail_41 (EB), Akino08_42 (EB), Albedo_42 (EB), Albright_39 (EB), AnnaLie_42 (EB), Armstrong_39 (EB), Arroyo_42 (EB), AvGardian_43 (EB), Avocadoman_40 (EB), AylexOG_43 (EB), BAjuniper_42 (EB), BabyDaisy_41 (EB), BabyYoda_42 (EB), Bachaco_39 (EB), BelmontSKP_42 (EB), Bengal_42 (EB), Bernstein_39 (EB), Brahms_39 (EB), BubbaBear_40 (EB), Burritobowl_41 (EB), CanFranMach_41 (EB), Cashington_39 (EB), Celaena_39 (EB), ChiliPepper_39 (EB), Clayda5_40 (EB), CliffHanger_43 (EB), Coltrane_39 (EB), CroZenni_41 (EB), CupcakePrincess_42 (EB), DickRichards_40 (EB), Didgeridoo_44 (EB), DirtyBubble_41 (EB), Dismas_39 (EB), Doobus_40 (EB), Eden_39 (EB), Eula_42 (EB), Finalfrontier_42 (EB), FlameThrower_39 (EB), Franklin22_40 (EB), Gack_38 (EB), Grist_41 (EB), Icarian_44 (EB), IndyLu_41 (EB), Jabb_42 (EB), Johnathan_40 (EB), Jovita_42 (EB), Kamdara_39 (EB), Kate33_42 (EB), Katzastrophic_40 (EB), Kenzers_42 (EB), Kieran_39 (EB), Lahqtemish_41 (EB), Lilo27_42 (EB), LimaBean_41 (EB), Loviatar_42 (EB), Lynlen_42 (EB), Milomuff_41 (EB), MsUbiquitous_42 (EB), Nicky22_42 (EB), Olliecat_38 (EB), PastaFagioli_41 (EB), Pecas_42 (EB), PhigPhack_42 (EB), Phisb_42 (EB), PondAmelia_43 (EB), QMacho_44 (EB), Quenya_40 (EB), Rollins_39 (EB), Rona_39 (EB), SanaSana_44 (EB), SansAfet_42 (EB), SarBear_41 (EB), Sharkboy_40 (EB), Shayna_41 (EB), SirBeanington_41 (EB), Skylord_39 (EB), Slay_42 (EB), Softsoap_41 (EB), Solea_42 (EB), Squircle_38 (EB), Stoor_42 (EB), Stromboli_42 (EB), SunnyD_41 (EB), Swervy_42 (EB), Teagster_42 (EB), TukTuk_42 (EB), Vitas_39 (EB), WalkingDead_43 (EB),

Start 50:
• Found in 2 of 222 (0.9%) of genes in pham
• Manual Annotations of this start: 2 of 202
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ascela_39 (AZ1), Iter_39 (AZ1),

Start 51:
• Found in 2 of 222 (0.9%) of genes in pham
• Manual Annotations of this start: 2 of 202
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cen1621_41 (EH), Honk_42 (EH),

Start 52:
• Found in 19 of 222 (8.6%) of genes in pham
• Manual Annotations of this start: 19 of 202
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ashes_36 (AZ5), Attoomi_33 (singleton), Beaupre_36 (AZ5), Cappuccino_36 (AZ5), Donkey_36 (AZ5), Gambol_37 (AZ5), Giorgio_36 (AZ5), Gumpizza_36 (AZ5), Halsey_36 (AZ5), Kalimba_36 (AZ5), KeAlii_37 (AZ1), Moss_36 (AZ5), Mysterium_36 (AZ5), RockScotty_36 (AZ5), Sabourin_36 (AZ5), Sooty_36 (AZ5), SpecialK_36 (AZ5), Stuu_36 (AZ5), Sue2_38 (AZ1),

Start 53:
• Found in 1 of 222 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 202
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Euratis_32 (BB1),

Start 54:

• Found in 113 of 222 (50.9%) of genes in pham
• Manual Annotations of this start: 93 of 202
• Called 95.6% of time when present
• Phage (with cluster) where this start called: AEgle_35 (AZ1), AGrandiflora_38 (AZ1), AbbeyMikolon_41 (BL), AceofSpades_43 (AZ4), Adolin_37 (AZ1), Adumb2043_36 (AZ1), Amploria_37 (AZ1), Amyev_37 (AZ1), Asa16_37 (AZ1), BaileyBlu_38 (FP), Barnstormer_44 (EH), Berrie_39 (AZ1), Buldak_38 (EB), CallinAllBarbz_38 (FP), Caron_48 (EH), Cassia_37 (AZ1), Community_40 (AZ1), Crewmate_43 (AZ1), Cyan_38 (AZ1), DrManhattan_37 (AZ1), DrSierra_36 (AZ1), Dubu_34 (BJ), Elezi_37 (AZ1), Elfy_38 (FP), Emotion_42 (AZ4), Eraser_37 (AZ1), Exile_35 (AZ6), FiveHead_46 (AZ4), Floof_47 (EH), Flutur_37 (AZ), Forester_45 (EH), GardenState_45 (EH), Gretchen_46 (EH), GrimEater_34 (FP), Heather_34 (BB2), IAmGroot_45 (EH), IUFootball_39 (AZ2), IttyBittyPiggy_38 (AZ1), Janeemi_40 (AZ1), Jankie_35 (FP), JasmineDragon_42 (AZ4), Joemato_38 (AZ1), JohnDoe_38 (AZ1), JohnThicc_42 (AZ4), Jstan_39 (AZ1), JuneStar_39 (AZ1), Kaylissa_38 (AZ1), LadyAstra_43 (AZ4), Lego_38 (AZ1), Liebe_39 (AZ2), Lilbooboo_31 (BB1), LisoBros_38 (FP), Lizalica_36 (AZ1), London_37 (AZ1), MaGuCo_37 (AZ2), Mabodamaca_45 (EH), Maureen_39 (AZ2), Michkear_39 (AZ), MiniMommy_43 (AZ4), MissSwiss_37 (AZ1), Mudpuppy_36 (AZ1), Nesbitt_40 (BL), Niobe_37 (AZ1), Nitro_38 (AZ1), ObiToo_43 (AZ1), Origami_42 (AZ4), PandaPo_37 (AZ1), Percival_47 (EH), Phives_40 (AZ1), Pixelle_38 (AZ1), Powerpuff_40 (AZ1), Pumpkins_37 (AZ1), Reedo_37 (AZ1), RemusLoopin_33 (BB2), Rowa_40 (BL), Samora_33 (BB1), Samy_63 (singleton), Schaffner_38 (AZ1), Sebastisaurus_33 (BB2), ShakeItOph_42 (AZ4), Shawty_31 (BB1), Simpson_40 (AZ1), Skelbel_38 (AZ1), Snek_37 (AZ3), Soondubu_35 (AZ6), SuMoo_47 (EH), Subaru_37 (AZ1), SuperHands_45 (EH), TG1_30 (BB1), Tallboi_38 (AZ1), Tbone_37 (AZ1), TforTroy_39 (AZ1), ThursdayNight_42 (AZ), Tian_37 (AZ1), Tuck_41 (AZ1), Turab_35 (AZ1), Tutumahutu_38 (AZ1), Tweety19_37 (AZ3), UtzChips_44 (EH), VResidence_38 (AZ1), Vash_31 (BB1), VroomVroom_42 (AZ4), Warda_38 (AZ1), Wildwest_37 (AZ1), Yang_38 (AZ1), YesChef_38 (AZ1), phiBT1_9a (BB1), phiSASD1_11 (BJ),

Summary by clusters:

There are 16 clusters represented in this pham: FP, singleton, AZ3, EH, BL, BB2, BJ, EB, AZ6, AZ1, AZ2, AZ, AZ4, AZ5, BB1, AZ7,

Info for manual annotations of cluster AZ:
•Start number 54 was manually annotated 1 time for cluster AZ.

Info for manual annotations of cluster AZ1:
•Start number 50 was manually annotated 2 times for cluster AZ1.
•Start number 52 was manually annotated 2 times for cluster AZ1.
•Start number 54 was manually annotated 45 times for cluster AZ1.

Info for manual annotations of cluster AZ2:
•Start number 54 was manually annotated 4 times for cluster AZ2.

Info for manual annotations of cluster AZ3:
•Start number 54 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:
•Start number 54 was manually annotated 8 times for cluster AZ4.

Info for manual annotations of cluster AZ5:
•Start number 52 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster AZ6:
•Start number 54 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BB1:
•Start number 53 was manually annotated 1 time for cluster BB1.
•Start number 54 was manually annotated 5 times for cluster BB1.

Info for manual annotations of cluster BB2:
•Start number 54 was manually annotated 3 times for cluster BB2.

Info for manual annotations of cluster BJ:
•Start number 54 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster BL:
•Start number 54 was manually annotated 3 times for cluster BL.

Info for manual annotations of cluster EB:
•Start number 22 was manually annotated 1 time for cluster EB.
•Start number 41 was manually annotated 84 times for cluster EB.
•Start number 54 was manually annotated 1 time for cluster EB.

Info for manual annotations of cluster EH:
•Start number 51 was manually annotated 2 times for cluster EH.
•Start number 54 was manually annotated 12 times for cluster EH.

Info for manual annotations of cluster FP:
•Start number 54 was manually annotated 6 times for cluster FP.

Gene Information:

Gene: AEgle_35 Start: 25989, Stop: 28502, Start Num: 54
Candidate Starts for AEgle_35:
(Start: 54 @25989 has 93 MA's), (68, 26124), (74, 26181), (76, 26199), (171, 26721), (186, 26829), (190, 26850), (256, 27180), (270, 27285), (284, 27378), (302, 27531), (325, 27750), (328, 27780), (335, 27837), (341, 27882), (346, 27939), (351, 28008), (356, 28053), (357, 28068), (360, 28089), (370, 28161), (383, 28197),

Gene: AGrandiflora_38 Start: 26644, Stop: 29136, Start Num: 54
Candidate Starts for AGrandiflora_38:
(Start: 54 @26644 has 93 MA's), (66, 26755), (67, 26773), (74, 26836), (76, 26854), (145, 27169), (156, 27253), (158, 27259), (171, 27376), (178, 27445), (186, 27484), (200, 27586), (270, 27931), (283, 28021), (302, 28177), (325, 28396), (328, 28426), (335, 28483), (339, 28522), (356, 28699), (383, 28843), (403, 28963), (423, 29065),

Gene: AbbeyMikolon_41 Start: 26828, Stop: 29296, Start Num: 54
Candidate Starts for AbbeyMikolon_41:

(7, 26378), (11, 26507), (21, 26669), (37, 26747), (Start: 54 @26828 has 93 MA's), (72, 27011), (84, 27083), (93, 27122), (108, 27188), (110, 27194), (112, 27206), (118, 27242), (133, 27284), (138, 27323), (146, 27392), (152, 27437), (158, 27473), (159, 27506), (169, 27569), (170, 27578), (214, 27866), (222, 27908), (239, 27983), (247, 28034), (264, 28094), (265, 28109), (269, 28157), (271, 28181), (272, 28184), (277, 28214), (280, 28247), (284, 28271), (289, 28316), (305, 28436), (309, 28481), (315, 28538), (325, 28643), (328, 28673), (333, 28715), (335, 28730), (340, 28772), (347, 28838), (354, 28934), (356, 28946), (373, 29051), (396, 29177), (410, 29234), (411, 29240), (413, 29255), (414, 29261),

Gene: Abigail_41 Start: 26823, Stop: 29288, Start Num: 41
Candidate Starts for Abigail_41:
(Start: 41 @26823 has 84 MA's), (65, 26973), (70, 27039), (71, 27042), (76, 27081), (137, 27318), (144, 27378), (170, 27582), (171, 27591), (187, 27702), (188, 27708), (198, 27795), (283, 28200), (284, 28203), (300, 28344), (302, 28356), (328, 28605), (341, 28707), (351, 28833), (356, 28878), (368, 28977), (405, 29163), (420, 29220),

Gene: AceofSpades_43 Start: 27772, Stop: 30264, Start Num: 54
Candidate Starts for AceofSpades_43:
(40, 27700), (Start: 54 @27772 has 93 MA's), (67, 27901), (74, 27964), (76, 27982), (137, 28207), (151, 28324), (168, 28459), (176, 28504), (181, 28564), (186, 28588), (188, 28597), (254, 28933), (270, 29044), (274, 29056), (298, 29257), (302, 29290), (305, 29302), (324, 29506), (328, 29539), (335, 29596), (350, 29764), (362, 29854), (369, 29914),

Gene: Adolin_37 Start: 24838, Stop: 27351, Start Num: 54
Candidate Starts for Adolin_37:
(12, 24559), (18, 24649), (25, 24700), (Start: 54 @24838 has 93 MA's), (68, 24973), (74, 25030), (76, 25048), (136, 25291), (168, 25549), (171, 25570), (178, 25639), (181, 25654), (186, 25678), (270, 26134), (275, 26155), (302, 26380), (325, 26599), (328, 26629), (335, 26686), (346, 26788), (351, 26857), (357, 26917), (360, 26938), (370, 27010), (383, 27046),

Gene: Adumb2043_36 Start: 26008, Stop: 28521, Start Num: 54
Candidate Starts for Adumb2043_36:
(Start: 54 @26008 has 93 MA's), (68, 26143), (74, 26200), (76, 26218), (145, 26533), (171, 26740), (186, 26848), (190, 26869), (256, 27199), (270, 27304), (284, 27397), (302, 27550), (325, 27769), (328, 27799), (335, 27856), (346, 27958), (351, 28027), (356, 28072), (357, 28087), (360, 28108), (370, 28180), (383, 28216),

Gene: AinMach_40 Start: 27212, Stop: 29776, Start Num: 39
Candidate Starts for AinMach_40:
(39, 27212), (Start: 54 @27281 has 93 MA's), (66, 27392), (67, 27410), (68, 27416), (70, 27449), (74, 27473), (76, 27491), (94, 27575), (106, 27614), (145, 27812), (171, 28019), (211, 28280), (260, 28484), (270, 28574), (275, 28595), (284, 28667), (302, 28820), (304, 28829), (309, 28877), (316, 28946), (325, 29039), (328, 29069), (329, 29081), (335, 29126), (341, 29171), (346, 29228), (360, 29378), (383, 29486), (414, 29654),

Gene: Akino08_42 Start: 29043, Stop: 31517, Start Num: 41
Candidate Starts for Akino08_42:
(Start: 41 @29043 has 84 MA's), (71, 29262), (76, 29301), (125, 29502), (137, 29538), (144, 29598), (145, 29607), (170, 29802), (171, 29811), (176, 29835), (187, 29922), (188, 29928), (200, 30021), (242, 30195), (283, 30420), (284, 30423), (300, 30564), (302, 30576), (309, 30633), (328, 30825), (331, 30849), (341, 30927), (351, 31053), (352, 31071), (356, 31098), (368, 31197), (404, 31380), (405, 31383), (420, 31440), (438, 31497),

Gene: Albedo_42 Start: 27429, Stop: 29894, Start Num: 41
Candidate Starts for Albedo_42:
(Start: 41 @27429 has 84 MA's), (65, 27579), (70, 27645), (71, 27648), (76, 27687), (144, 27984), (170, 28188), (171, 28197), (187, 28308), (188, 28314), (283, 28806), (284, 28809), (300, 28950), (302, 28962), (307, 29010), (309, 29019), (319, 29139), (328, 29211), (341, 29313), (351, 29439), (356, 29484), (368, 29583), (376, 29616), (405, 29769), (420, 29826),

Gene: Albright_39 Start: 26317, Stop: 28821, Start Num: 41
Candidate Starts for Albright_39:
(Start: 41 @26317 has 84 MA's), (65, 26467), (70, 26533), (71, 26536), (76, 26575), (144, 26872), (170, 27076), (171, 27085), (187, 27196), (188, 27202), (283, 27694), (284, 27697), (300, 27838), (302, 27850), (307, 27898), (309, 27907), (328, 28099), (341, 28201), (351, 28327), (356, 28372), (368, 28471), (405, 28657), (420, 28714), (432, 28750), (435, 28762), (436, 28765), (440, 28786),

Gene: Amploria_37 Start: 26191, Stop: 28704, Start Num: 54
Candidate Starts for Amploria_37:
(Start: 54 @26191 has 93 MA's), (68, 26326), (74, 26383), (76, 26401), (171, 26923), (186, 27031), (190, 27052), (256, 27382), (270, 27487), (284, 27580), (302, 27733), (325, 27952), (328, 27982), (335, 28039), (341, 28084), (346, 28141), (351, 28210), (356, 28255), (357, 28270), (360, 28291), (370, 28363), (383, 28399),

Gene: Amyev_37 Start: 27537, Stop: 30023, Start Num: 54
Candidate Starts for Amyev_37:
(Start: 54 @27537 has 93 MA's), (66, 27648), (67, 27666), (74, 27729), (76, 27747), (145, 28062), (168, 28248), (171, 28269), (178, 28338), (185, 28371), (270, 28824), (302, 29070), (325, 29289), (328, 29319), (335, 29376), (339, 29415), (346, 29478), (356, 29592),

Gene: AnnaLie_42 Start: 27434, Stop: 29899, Start Num: 41
Candidate Starts for AnnaLie_42:
(Start: 41 @27434 has 84 MA's), (65, 27584), (70, 27650), (71, 27653), (76, 27692), (137, 27929), (144, 27989), (170, 28193), (171, 28202), (187, 28313), (188, 28319), (198, 28406), (283, 28811), (284, 28814), (300, 28955), (302, 28967), (319, 29144), (324, 29183), (328, 29216), (341, 29318), (351, 29444), (356, 29489), (368, 29588), (376, 29621), (405, 29774), (420, 29831),

Gene: Armstrong_39 Start: 24974, Stop: 27445, Start Num: 41
Candidate Starts for Armstrong_39:
(Start: 41 @24974 has 84 MA's), (71, 25190), (72, 25199), (76, 25229), (159, 25658), (166, 25703), (170, 25730), (171, 25739), (173, 25754), (187, 25850), (188, 25856), (197, 25934), (283, 26348), (284, 26351), (297, 26465), (302, 26504), (308, 26558), (319, 26681), (324, 26720), (325, 26723), (328, 26753), (331, 26777), (341, 26855), (382, 27179), (405, 27320), (420, 27377), (422, 27383), (433, 27410),

Gene: Arroyo_42 Start: 27533, Stop: 30007, Start Num: 41
Candidate Starts for Arroyo_42:
(Start: 41 @27533 has 84 MA's), (65, 27683), (70, 27749), (71, 27752), (76, 27791), (137, 28028), (144, 28088), (170, 28292), (171, 28301), (187, 28412), (188, 28418), (198, 28505), (283, 28910), (284, 28913), (300, 29054), (302, 29066), (328, 29315), (341, 29417), (351, 29543), (356, 29588), (368, 29687), (376, 29720), (405, 29873), (438, 29987),

Gene: Asa16_37 Start: 27577, Stop: 30066, Start Num: 54
Candidate Starts for Asa16_37:
(21, 27424), (Start: 54 @27577 has 93 MA's), (67, 27706), (74, 27769), (76, 27787), (103, 27898), (136, 28030), (169, 28291), (171, 28309), (178, 28378), (185, 28411), (186, 28417), (270, 28864),

(302, 29110), (325, 29329), (328, 29359), (335, 29416), (339, 29455), (346, 29518), (356, 29632), (360, 29668), (386, 29794),

Gene: Ascela_39 Start: 26765, Stop: 29260, Start Num: 50
Candidate Starts for Ascela_39:
(Start: 50 @26765 has 2 MA's), (66, 26879), (67, 26897), (74, 26960), (76, 26978), (145, 27293), (171, 27500), (178, 27569), (186, 27608), (190, 27629), (270, 28055), (284, 28148), (302, 28301), (325, 28520), (328, 28550), (335, 28607), (341, 28652), (346, 28709), (356, 28823), (403, 29087),

Gene: Ashes_36 Start: 24929, Stop: 27454, Start Num: 52
Candidate Starts for Ashes_36:
(Start: 52 @24929 has 19 MA's), (60, 24968), (67, 25061), (68, 25067), (70, 25100), (74, 25124), (86, 25187), (145, 25460), (168, 25643), (171, 25664), (175, 25685), (178, 25733), (200, 25874), (270, 26225), (282, 26303), (283, 26315), (290, 26366), (298, 26438), (312, 26561), (318, 26603), (328, 26720), (329, 26732), (331, 26744), (332, 26759), (335, 26777), (340, 26819), (346, 26879), (370, 27101), (384, 27137),

Gene: Attoomi_33 Start: 24351, Stop: 26792, Start Num: 52
Candidate Starts for Attoomi_33:
(Start: 52 @24351 has 19 MA's), (60, 24390), (61, 24393), (63, 24429), (68, 24489), (73, 24540), (79, 24582), (83, 24603), (90, 24630), (97, 24651), (100, 24666), (109, 24696), (113, 24714), (123, 24762), (125, 24768), (128, 24783), (135, 24834), (147, 24924), (156, 24993), (159, 25032), (162, 25050), (163, 25053), (164, 25056), (174, 25131), (175, 25134), (181, 25197), (182, 25200), (184, 25212), (191, 25251), (202, 25332), (204, 25347), (215, 25389), (216, 25395), (230, 25458), (233, 25464), (234, 25467), (240, 25482), (249, 25530), (255, 25551), (259, 25563), (270, 25644), (271, 25647), (273, 25653), (276, 25674), (281, 25716), (283, 25734), (284, 25737), (289, 25782), (292, 25797), (293, 25803), (300, 25878), (303, 25896), (306, 25929), (309, 25947), (311, 25953), (315, 26004), (317, 26019), (320, 26082), (321, 26085), (324, 26109), (326, 26136), (328, 26142), (330, 26157), (335, 26199), (337, 26232), (341, 26247), (343, 26262), (344, 26271), (356, 26415), (361, 26454), (364, 26469), (375, 26538), (387, 26598), (392, 26625), (396, 26652), (398, 26670), (402, 26685), (408, 26703), (416, 26745),

Gene: AvGardian_43 Start: 27441, Stop: 29900, Start Num: 41
Candidate Starts for AvGardian_43:
(Start: 41 @27441 has 84 MA's), (65, 27591), (66, 27597), (67, 27618), (71, 27660), (76, 27699), (125, 27900), (136, 27933), (144, 27996), (170, 28200), (171, 28209), (173, 28224), (176, 28233), (187, 28320), (188, 28326), (200, 28419), (242, 28593), (284, 28821), (300, 28962), (302, 28974), (304, 28983), (307, 29022), (309, 29031), (328, 29223), (341, 29325), (351, 29451), (354, 29484), (356, 29496), (363, 29544), (379, 29640), (404, 29778), (405, 29781), (415, 29835), (420, 29841),

Gene: Avocadoman_40 Start: 26554, Stop: 29028, Start Num: 41
Candidate Starts for Avocadoman_40:
(Start: 41 @26554 has 84 MA's), (65, 26704), (70, 26770), (71, 26773), (76, 26812), (137, 27049), (170, 27313), (171, 27322), (187, 27433), (188, 27439), (198, 27526), (283, 27931), (284, 27934), (300, 28075), (302, 28087), (328, 28336), (341, 28438), (351, 28564), (356, 28609), (368, 28708), (376, 28741), (405, 28894), (438, 29008),

Gene: AylexOG_43 Start: 27508, Stop: 29973, Start Num: 41
Candidate Starts for AylexOG_43:
(Start: 41 @27508 has 84 MA's), (65, 27658), (66, 27664), (70, 27724), (71, 27727), (76, 27766), (125, 27967), (144, 28063), (170, 28267), (171, 28276), (176, 28300), (187, 28387), (188, 28393), (283, 28885), (284, 28888), (300, 29029), (302, 29041), (309, 29098), (319, 29218), (328, 29290), (341, 29392), (351, 29518), (356, 29563), (368, 29662), (405, 29848),

Gene: BAjuniper_42 Start: 28374, Stop: 30821, Start Num: 41
Candidate Starts for BAjuniper_42:
(Start: 41 @28374 has 84 MA's), (65, 28518), (71, 28587), (76, 28626), (120, 28806), (122, 28815), (137, 28863), (171, 29136), (173, 29151), (181, 29220), (188, 29253), (207, 29364), (242, 29520), (244, 29541), (275, 29670), (283, 29739), (284, 29742), (302, 29895), (304, 29904), (308, 29949), (325, 30114), (328, 30144), (331, 30168), (341, 30246), (342, 30249), (356, 30417), (363, 30465), (365, 30495), (382, 30561), (396, 30660), (404, 30699), (405, 30702),

Gene: BabyDaisy_41 Start: 27358, Stop: 29862, Start Num: 41
Candidate Starts for BabyDaisy_41:
(Start: 41 @27358 has 84 MA's), (67, 27535), (71, 27577), (76, 27616), (139, 27868), (171, 28126), (187, 28237), (188, 28243), (208, 28357), (242, 28510), (244, 28531), (284, 28738), (300, 28879), (302, 28891), (328, 29140), (341, 29242), (351, 29368), (356, 29413), (376, 29545), (405, 29707), (434, 29812), (439, 29836),

Gene: BabyYoda_42 Start: 28160, Stop: 30634, Start Num: 41
Candidate Starts for BabyYoda_42:
(Start: 41 @28160 has 84 MA's), (70, 28376), (71, 28379), (76, 28418), (125, 28619), (170, 28919), (171, 28928), (173, 28943), (176, 28952), (187, 29039), (188, 29045), (200, 29138), (242, 29312), (283, 29537), (284, 29540), (300, 29681), (302, 29693), (307, 29741), (309, 29750), (327, 29939), (328, 29942), (331, 29966), (341, 30044), (351, 30170), (352, 30188), (356, 30215), (368, 30314), (404, 30497), (405, 30500), (420, 30557), (438, 30614),

Gene: Bachaco_39 Start: 28143, Stop: 30599, Start Num: 41
Candidate Starts for Bachaco_39:
(27, 28080), (30, 28089), (33, 28101), (36, 28125), (Start: 41 @28143 has 84 MA's), (59, 28215), (67, 28314), (71, 28356), (73, 28371), (76, 28395), (125, 28596), (166, 28869), (171, 28905), (183, 29001), (188, 29022), (243, 29307), (253, 29346), (268, 29397), (284, 29517), (295, 29619), (300, 29658), (302, 29670), (307, 29718), (309, 29727), (319, 29847), (328, 29919), (331, 29943), (341, 30021), (351, 30147), (354, 30180), (356, 30192), (363, 30240), (379, 30336), (390, 30393), (396, 30435), (404, 30474), (405, 30477), (438, 30579),

Gene: BaileyBlu_38 Start: 26104, Stop: 28566, Start Num: 54
Candidate Starts for BaileyBlu_38:
(Start: 54 @26104 has 93 MA's), (65, 26209), (66, 26215), (74, 26296), (76, 26314), (78, 26329), (90, 26383), (94, 26398), (103, 26425), (117, 26467), (125, 26503), (136, 26536), (170, 26806), (175, 26836), (186, 26923), (224, 27136), (242, 27208), (244, 27229), (270, 27370), (276, 27400), (288, 27487), (289, 27508), (298, 27583), (302, 27616), (315, 27730), (324, 27832), (328, 27865), (331, 27889), (335, 27922), (346, 28024), (356, 28138), (378, 28270), (385, 28300), (399, 28387), (413, 28444), (414, 28450), (419, 28480),

Gene: Barnstormer_44 Start: 27928, Stop: 30438, Start Num: 54
Candidate Starts for Barnstormer_44:
(6, 27463), (Start: 54 @27928 has 93 MA's), (67, 28057), (69, 28078), (74, 28120), (76, 28138), (94, 28219), (166, 28645), (270, 29245), (292, 29398), (300, 29479), (302, 29491), (325, 29710), (328, 29740), (329, 29752), (335, 29797), (361, 30052), (378, 30148),

Gene: Beaupre_36 Start: 24930, Stop: 27455, Start Num: 52
Candidate Starts for Beaupre_36:
(Start: 52 @24930 has 19 MA's), (60, 24969), (67, 25062), (68, 25068), (70, 25101), (74, 25125), (145, 25461), (168, 25644), (171, 25665), (175, 25686), (178, 25734), (200, 25875), (270, 26226), (282, 26304), (283, 26316), (290, 26367), (298, 26439), (312, 26562), (318, 26604), (328, 26721), (329,

26733), (332, 26760), (335, 26778), (340, 26820), (346, 26880), (370, 27102), (384, 27138),

Gene: BelmontSKP_42 Start: 27434, Stop: 29899, Start Num: 41
Candidate Starts for BelmontSKP_42:
(Start: 41 @27434 has 84 MA's), (65, 27584), (70, 27650), (71, 27653), (76, 27692), (137, 27929), (144, 27989), (170, 28193), (171, 28202), (187, 28313), (188, 28319), (198, 28406), (283, 28811), (284, 28814), (300, 28955), (302, 28967), (319, 29144), (324, 29183), (328, 29216), (341, 29318), (351, 29444), (356, 29489), (368, 29588), (376, 29621), (405, 29774), (420, 29831),

Gene: Bengal_42 Start: 27078, Stop: 29552, Start Num: 41
Candidate Starts for Bengal_42:
(Start: 41 @27078 has 84 MA's), (70, 27294), (71, 27297), (76, 27336), (137, 27573), (144, 27633), (170, 27837), (171, 27846), (187, 27957), (188, 27963), (198, 28050), (283, 28455), (284, 28458), (300, 28599), (302, 28611), (319, 28788), (324, 28827), (328, 28860), (341, 28962), (351, 29088), (356, 29133), (368, 29232), (376, 29265), (405, 29418), (438, 29532),

Gene: Bernstein_39 Start: 25056, Stop: 27527, Start Num: 41
Candidate Starts for Bernstein_39:
(Start: 41 @25056 has 84 MA's), (71, 25272), (72, 25281), (76, 25311), (159, 25740), (166, 25785), (170, 25812), (171, 25821), (173, 25836), (187, 25932), (188, 25938), (197, 26016), (283, 26430), (284, 26433), (297, 26547), (302, 26586), (308, 26640), (319, 26763), (324, 26802), (325, 26805), (328, 26835), (331, 26859), (341, 26937), (382, 27261), (405, 27402), (420, 27459), (422, 27465), (433, 27492),

Gene: Berrie_39 Start: 27509, Stop: 29992, Start Num: 54
Candidate Starts for Berrie_39:
(39, 27440), (Start: 54 @27509 has 93 MA's), (58, 27524), (66, 27620), (67, 27638), (74, 27701), (76, 27719), (171, 28235), (178, 28304), (186, 28343), (205, 28466), (270, 28790), (292, 28943), (302, 29036), (325, 29255), (328, 29285), (335, 29342), (346, 29444), (354, 29546), (383, 29702), (397, 29804), (414, 29870),

Gene: Brahms_39 Start: 24976, Stop: 27447, Start Num: 41
Candidate Starts for Brahms_39:
(Start: 41 @24976 has 84 MA's), (71, 25192), (76, 25231), (159, 25660), (166, 25705), (170, 25732), (171, 25741), (173, 25756), (187, 25852), (188, 25858), (197, 25936), (283, 26350), (284, 26353), (297, 26467), (302, 26506), (308, 26560), (319, 26683), (324, 26722), (325, 26725), (328, 26755), (331, 26779), (341, 26857), (382, 27181), (405, 27322), (420, 27379), (422, 27385), (433, 27412),

Gene: BubbaBear_40 Start: 27007, Stop: 29481, Start Num: 41
Candidate Starts for BubbaBear_40:
(Start: 41 @27007 has 84 MA's), (65, 27157), (70, 27223), (71, 27226), (76, 27265), (137, 27502), (144, 27562), (170, 27766), (171, 27775), (187, 27886), (188, 27892), (198, 27979), (283, 28384), (284, 28387), (300, 28528), (302, 28540), (319, 28717), (324, 28756), (328, 28789), (341, 28891), (351, 29017), (356, 29062), (368, 29161), (376, 29194), (405, 29347), (438, 29461),

Gene: Buldak_38 Start: 25620, Stop: 28046, Start Num: 54
Candidate Starts for Buldak_38:
(31, 25518), (Start: 41 @25569 has 84 MA's), (Start: 54 @25620 has 93 MA's), (59, 25653), (65, 25725), (67, 25752), (71, 25794), (72, 25803), (74, 25815), (76, 25833), (125, 26034), (144, 26130), (157, 26226), (158, 26229), (159, 26262), (166, 26307), (173, 26358), (176, 26367), (183, 26439), (187, 26454), (188, 26460), (194, 26526), (196, 26535), (237, 26706), (242, 26727), (267, 26832), (268, 26835), (283, 26952), (284, 26955), (292, 27015), (298, 27075), (300, 27096), (302, 27108), (304, 27117), (309, 27165), (314, 27210), (327, 27354), (328, 27357), (341, 27459), (351, 27585),

(354, 27618), (390, 27831), (396, 27873), (405, 27915), (412, 27939), (422, 27981),

Gene: Burritobowl_41 Start: 27008, Stop: 29482, Start Num: 41
Candidate Starts for Burritobowl_41:
(Start: 41 @27008 has 84 MA's), (70, 27224), (71, 27227), (76, 27266), (137, 27503), (144, 27563), (171, 27776), (187, 27887), (188, 27893), (198, 27980), (283, 28385), (284, 28388), (300, 28529), (302, 28541), (324, 28757), (328, 28790), (341, 28892), (351, 29018), (356, 29063), (368, 29162), (376, 29195), (405, 29348), (438, 29462),

Gene: CallinAllBarbz_38 Start: 26495, Stop: 28960, Start Num: 54
Candidate Starts for CallinAllBarbz_38:
(Start: 54 @26495 has 93 MA's), (60, 26531), (66, 26606), (72, 26675), (74, 26687), (76, 26705), (78, 26720), (103, 26816), (117, 26858), (170, 27197), (175, 27227), (186, 27314), (246, 27629), (270, 27761), (276, 27791), (288, 27878), (289, 27899), (290, 27902), (298, 27974), (302, 28007), (324, 28223), (328, 28256), (331, 28280), (335, 28313), (346, 28415), (378, 28661), (385, 28691), (399, 28778), (414, 28841),

Gene: CanFranMach_41 Start: 27056, Stop: 29524, Start Num: 41
Candidate Starts for CanFranMach_41:
(Start: 41 @27056 has 84 MA's), (70, 27272), (71, 27275), (76, 27314), (137, 27551), (144, 27611), (167, 27800), (170, 27815), (171, 27824), (176, 27848), (187, 27935), (188, 27941), (198, 28028), (242, 28208), (251, 28256), (283, 28433), (284, 28436), (286, 28454), (300, 28577), (302, 28589), (305, 28601), (328, 28838), (341, 28940), (351, 29066), (356, 29111), (363, 29159), (371, 29225), (390, 29312), (404, 29393), (405, 29396),

Gene: Cappuccino_36 Start: 24796, Stop: 27324, Start Num: 52
Candidate Starts for Cappuccino_36:
(Start: 52 @24796 has 19 MA's), (67, 24928), (68, 24934), (70, 24967), (74, 24991), (76, 25009), (104, 25123), (145, 25327), (168, 25510), (171, 25531), (175, 25552), (178, 25600), (200, 25741), (270, 26092), (275, 26113), (282, 26170), (283, 26182), (290, 26233), (312, 26428), (328, 26587), (329, 26599), (332, 26626), (335, 26644), (340, 26686), (346, 26746), (369, 26962), (370, 26968), (384, 27004), (417, 27217),

Gene: Caron_48 Start: 29297, Stop: 31807, Start Num: 54
Candidate Starts for Caron_48:
(Start: 54 @29297 has 93 MA's), (67, 29426), (69, 29447), (74, 29489), (76, 29507), (94, 29588), (102, 29627), (126, 29744), (137, 29777), (166, 30014), (169, 30032), (270, 30614), (300, 30848), (302, 30860), (325, 31079), (328, 31109), (329, 31121), (335, 31166), (361, 31421), (378, 31517),

Gene: Cashington_39 Start: 26357, Stop: 28861, Start Num: 41
Candidate Starts for Cashington_39:
(Start: 41 @26357 has 84 MA's), (65, 26507), (70, 26573), (71, 26576), (76, 26615), (137, 26852), (144, 26912), (170, 27116), (171, 27125), (176, 27149), (187, 27236), (188, 27242), (283, 27734), (284, 27737), (300, 27878), (302, 27890), (307, 27938), (309, 27947), (319, 28067), (328, 28139), (341, 28241), (351, 28367), (356, 28412), (368, 28511), (405, 28697), (420, 28754), (432, 28790), (435, 28802), (436, 28805), (440, 28826),

Gene: Cassia_37 Start: 26416, Stop: 28902, Start Num: 54
Candidate Starts for Cassia_37:
(Start: 54 @26416 has 93 MA's), (66, 26527), (74, 26608), (76, 26626), (140, 26896), (151, 26989), (156, 27025), (168, 27127), (170, 27139), (171, 27148), (175, 27169), (186, 27256), (270, 27703), (284, 27796), (287, 27817), (302, 27949), (325, 28168), (328, 28198), (335, 28255), (356, 28471), (397, 28717), (414, 28783),

Gene: Celaena_39 Start: 27885, Stop: 30341, Start Num: 41
Candidate Starts for Celaena_39:
(27, 27822), (30, 27831), (33, 27843), (36, 27867), (Start: 41 @27885 has 84 MA's), (59, 27957), (67, 28056), (71, 28098), (73, 28113), (76, 28137), (125, 28338), (166, 28611), (171, 28647), (188, 28764), (243, 29049), (253, 29088), (268, 29139), (284, 29259), (295, 29361), (300, 29400), (302, 29412), (307, 29460), (309, 29469), (319, 29589), (328, 29661), (331, 29685), (341, 29763), (351, 29889), (354, 29922), (356, 29934), (363, 29982), (379, 30078), (390, 30135), (396, 30177), (404, 30216), (405, 30219), (438, 30321),

Gene: Cen1621_41 Start: 26227, Stop: 28716, Start Num: 51
Candidate Starts for Cen1621_41:
(9, 25831), (Start: 51 @26227 has 2 MA's), (65, 26335), (69, 26380), (74, 26422), (77, 26443), (79, 26458), (86, 26488), (94, 26524), (126, 26647), (137, 26680), (156, 26833), (166, 26917), (169, 26935), (175, 26974), (186, 27061), (188, 27070), (197, 27148), (235, 27319), (270, 27505), (276, 27535), (278, 27544), (281, 27577), (294, 27673), (300, 27739), (302, 27751), (318, 27883), (325, 27970), (328, 28000), (329, 28012), (335, 28057), (347, 28165), (365, 28351), (374, 28396), (422, 28648),

Gene: ChiliPepper_39 Start: 27515, Stop: 29971, Start Num: 41
Candidate Starts for ChiliPepper_39:
(Start: 41 @27515 has 84 MA's), (66, 27665), (71, 27728), (76, 27767), (125, 27968), (171, 28277), (176, 28301), (188, 28394), (200, 28487), (242, 28661), (248, 28697), (268, 28769), (284, 28889), (295, 28991), (300, 29030), (302, 29042), (307, 29090), (328, 29291), (341, 29393), (351, 29519), (363, 29612), (368, 29663), (379, 29708), (390, 29765), (405, 29849), (422, 29912),

Gene: Clayda5_40 Start: 24963, Stop: 27434, Start Num: 41
Candidate Starts for Clayda5_40:
(Start: 41 @24963 has 84 MA's), (71, 25179), (72, 25188), (76, 25218), (159, 25647), (166, 25692), (170, 25719), (171, 25728), (173, 25743), (187, 25839), (188, 25845), (197, 25923), (283, 26337), (284, 26340), (297, 26454), (302, 26493), (308, 26547), (319, 26670), (324, 26709), (325, 26712), (328, 26742), (331, 26766), (341, 26844), (382, 27168), (405, 27309), (420, 27366), (422, 27372), (433, 27399),

Gene: CliffHanger_43 Start: 26264, Stop: 28744, Start Num: 41
Candidate Starts for CliffHanger_43:
(36, 26243), (Start: 41 @26264 has 84 MA's), (Start: 54 @26309 has 93 MA's), (71, 26483), (76, 26522), (136, 26756), (144, 26819), (161, 26957), (171, 27032), (176, 27056), (187, 27143), (188, 27149), (208, 27263), (235, 27389), (244, 27437), (300, 27785), (305, 27809), (308, 27851), (319, 27974), (324, 28013), (328, 28046), (331, 28070), (341, 28148), (351, 28274), (365, 28397), (395, 28559), (396, 28562), (404, 28601), (424, 28679),

Gene: Coltrane_39 Start: 24976, Stop: 27447, Start Num: 41
Candidate Starts for Coltrane_39:
(Start: 41 @24976 has 84 MA's), (71, 25192), (76, 25231), (159, 25660), (166, 25705), (170, 25732), (171, 25741), (173, 25756), (187, 25852), (188, 25858), (197, 25936), (283, 26350), (284, 26353), (297, 26467), (302, 26506), (308, 26560), (319, 26683), (324, 26722), (325, 26725), (328, 26755), (331, 26779), (341, 26857), (382, 27181), (405, 27322), (420, 27379), (422, 27385), (433, 27412),

Gene: Community_40 Start: 28289, Stop: 30775, Start Num: 54
Candidate Starts for Community_40:
(Start: 54 @28289 has 93 MA's), (66, 28400), (67, 28418), (74, 28481), (76, 28499), (106, 28619), (169, 29000), (171, 29018), (178, 29087), (186, 29126), (270, 29573), (279, 29615), (302, 29819),

(325, 30038), (328, 30068), (335, 30125), (346, 30227), (356, 30341), (360, 30377), (414, 30653),

Gene: Crewmate_43 Start: 27086, Stop: 29578, Start Num: 54
Candidate Starts for Crewmate_43:
(Start: 54 @27086 has 93 MA's), (66, 27197), (67, 27215), (74, 27278), (76, 27296), (145, 27611), (158, 27701), (168, 27797), (171, 27818), (190, 27947), (270, 28373), (279, 28415), (284, 28466), (292, 28526), (302, 28619), (325, 28838), (328, 28868), (335, 28925), (346, 29027), (356, 29141), (383, 29285), (397, 29387), (414, 29453),

Gene: CroZenni_41 Start: 26928, Stop: 29402, Start Num: 41
Candidate Starts for CroZenni_41:
(Start: 41 @26928 has 84 MA's), (65, 27078), (70, 27144), (71, 27147), (76, 27186), (144, 27483), (170, 27687), (171, 27696), (187, 27807), (188, 27813), (283, 28305), (284, 28308), (300, 28449), (302, 28461), (324, 28677), (328, 28710), (341, 28812), (351, 28938), (356, 28983), (368, 29082), (405, 29268), (438, 29382),

Gene: CupcakePrincess_42 Start: 27123, Stop: 29588, Start Num: 41
Candidate Starts for CupcakePrincess_42:
(Start: 41 @27123 has 84 MA's), (65, 27273), (66, 27279), (70, 27339), (71, 27342), (76, 27381), (125, 27582), (144, 27678), (170, 27882), (171, 27891), (187, 28002), (188, 28008), (283, 28500), (284, 28503), (300, 28644), (302, 28656), (307, 28704), (309, 28713), (319, 28833), (328, 28905), (341, 29007), (351, 29133), (356, 29178), (368, 29277), (405, 29463),

Gene: Cyan_38 Start: 26699, Stop: 29191, Start Num: 54
Candidate Starts for Cyan_38:
(Start: 54 @26699 has 93 MA's), (66, 26810), (67, 26828), (74, 26891), (76, 26909), (136, 27152), (145, 27224), (156, 27308), (158, 27314), (171, 27431), (178, 27500), (186, 27539), (200, 27641), (270, 27986), (283, 28076), (302, 28232), (325, 28451), (328, 28481), (335, 28538), (339, 28577), (346, 28640), (356, 28754), (383, 28898), (403, 29018),

Gene: DickRichards_40 Start: 27367, Stop: 29841, Start Num: 41
Candidate Starts for DickRichards_40:
(Start: 41 @27367 has 84 MA's), (65, 27517), (70, 27583), (71, 27586), (76, 27625), (137, 27862), (144, 27922), (170, 28126), (171, 28135), (187, 28246), (188, 28252), (198, 28339), (283, 28744), (300, 28888), (302, 28900), (324, 29116), (328, 29149), (341, 29251), (351, 29377), (356, 29422), (368, 29521), (405, 29707), (438, 29821),

Gene: Didgeridoo_44 Start: 27725, Stop: 30208, Start Num: 41
Candidate Starts for Didgeridoo_44:
(Start: 41 @27725 has 84 MA's), (67, 27902), (71, 27944), (76, 27983), (139, 28235), (170, 28484), (171, 28493), (187, 28604), (188, 28610), (208, 28724), (242, 28877), (284, 29105), (300, 29246), (302, 29258), (328, 29507), (341, 29609), (351, 29735), (356, 29780), (367, 29864), (368, 29879), (376, 29912),

Gene: DirtyBubble_41 Start: 27828, Stop: 30302, Start Num: 41
Candidate Starts for DirtyBubble_41:
(Start: 41 @27828 has 84 MA's), (70, 28044), (71, 28047), (76, 28086), (144, 28383), (170, 28587), (171, 28596), (173, 28611), (176, 28620), (187, 28707), (188, 28713), (200, 28806), (283, 29205), (284, 29208), (300, 29349), (302, 29361), (309, 29418), (328, 29610), (341, 29712), (351, 29838), (352, 29856), (356, 29883), (368, 29982), (404, 30165), (405, 30168), (420, 30225), (438, 30282),

Gene: Dismas_39 Start: 27468, Stop: 29924, Start Num: 41
Candidate Starts for Dismas_39:

(Start: 41 @27468 has 84 MA's), (66, 27618), (71, 27681), (76, 27720), (125, 27921), (171, 28230), (176, 28254), (188, 28347), (200, 28440), (242, 28614), (248, 28650), (268, 28722), (284, 28842), (295, 28944), (300, 28983), (302, 28995), (307, 29043), (309, 29052), (328, 29244), (331, 29268), (341, 29346), (351, 29472), (363, 29565), (368, 29616), (379, 29661), (390, 29718), (405, 29802), (422, 29865),

Gene: Donkey_36 Start: 24786, Stop: 27314, Start Num: 52
Candidate Starts for Donkey_36:
(Start: 52 @24786 has 19 MA's), (67, 24918), (68, 24924), (70, 24957), (74, 24981), (76, 24999), (104, 25113), (145, 25317), (168, 25500), (171, 25521), (175, 25542), (178, 25590), (200, 25731), (270, 26082), (275, 26103), (282, 26160), (283, 26172), (290, 26223), (312, 26418), (328, 26577), (329, 26589), (332, 26616), (335, 26634), (340, 26676), (346, 26736), (369, 26952), (370, 26958), (384, 26994), (417, 27207),

Gene: Doobus_40 Start: 26721, Stop: 29225, Start Num: 41
Candidate Starts for Doobus_40:
(Start: 41 @26721 has 84 MA's), (65, 26871), (70, 26937), (71, 26940), (76, 26979), (137, 27216), (144, 27276), (170, 27480), (171, 27489), (187, 27600), (188, 27606), (283, 28098), (284, 28101), (300, 28242), (302, 28254), (328, 28503), (341, 28605), (351, 28731), (356, 28776), (368, 28875), (405, 29061), (420, 29118), (432, 29154), (435, 29166), (436, 29169), (440, 29190),

Gene: DrManhattan_37 Start: 24828, Stop: 27341, Start Num: 54
Candidate Starts for DrManhattan_37:
(Start: 54 @24828 has 93 MA's), (68, 24963), (74, 25020), (76, 25038), (136, 25281), (168, 25539), (171, 25560), (178, 25629), (181, 25644), (186, 25668), (270, 26124), (275, 26145), (302, 26370), (325, 26589), (328, 26619), (335, 26676), (346, 26778), (351, 26847), (357, 26907), (360, 26928), (370, 27000), (383, 27036),

Gene: DrSierra_36 Start: 24809, Stop: 27304, Start Num: 54
Candidate Starts for DrSierra_36:
(Start: 54 @24809 has 93 MA's), (67, 24938), (74, 25001), (76, 25019), (90, 25088), (106, 25139), (136, 25259), (171, 25538), (178, 25607), (185, 25640), (205, 25769), (247, 25964), (270, 26102), (275, 26123), (302, 26348), (325, 26567), (328, 26597), (335, 26654), (339, 26693), (346, 26756), (356, 26870),

Gene: Dubu_34 Start: 24710, Stop: 27175, Start Num: 54
Candidate Starts for Dubu_34:
(Start: 54 @24710 has 93 MA's), (55, 24716), (68, 24848), (75, 24914), (79, 24941), (84, 24965), (99, 25019), (100, 25028), (137, 25193), (140, 25217), (146, 25271), (165, 25412), (192, 25628), (197, 25661), (212, 25703), (223, 25757), (225, 25775), (226, 25778), (265, 25949), (270, 26063), (271, 26066), (284, 26156), (285, 26162), (299, 26288), (300, 26297), (310, 26369), (313, 26405), (325, 26528), (328, 26558), (340, 26657), (346, 26717), (380, 26963), (409, 27113),

Gene: Eden_39 Start: 25688, Stop: 28150, Start Num: 41
Candidate Starts for Eden_39:
(Start: 41 @25688 has 84 MA's), (43, 25700), (71, 25904), (76, 25943), (79, 25961), (154, 26315), (166, 26417), (170, 26444), (171, 26453), (173, 26468), (187, 26564), (188, 26570), (197, 26648), (268, 26945), (271, 26975), (283, 27062), (284, 27065), (300, 27206), (302, 27218), (308, 27272), (325, 27437), (328, 27467), (331, 27491), (341, 27569), (354, 27728), (356, 27740), (363, 27788), (382, 27884), (405, 28025), (422, 28088), (433, 28115),

Gene: Elezi_37 Start: 27593, Stop: 30082, Start Num: 54
Candidate Starts for Elezi_37:

(21, 27440), (Start: 54 @27593 has 93 MA's), (67, 27722), (74, 27785), (76, 27803), (103, 27914), (136, 28046), (169, 28307), (171, 28325), (178, 28394), (185, 28427), (186, 28433), (190, 28454), (270, 28880), (302, 29126), (325, 29345), (328, 29375), (335, 29432), (339, 29471), (346, 29534), (356, 29648), (360, 29684), (386, 29810),

Gene: Elfy_38 Start: 25811, Stop: 28348, Start Num: 54
Candidate Starts for Elfy_38:
(Start: 54 @25811 has 93 MA's), (68, 25946), (74, 26003), (76, 26021), (90, 26090), (105, 26147), (106, 26153), (112, 26183), (116, 26213), (130, 26276), (134, 26300), (140, 26348), (168, 26579), (169, 26582), (181, 26684), (185, 26702), (186, 26708), (188, 26717), (190, 26729), (193, 26777), (199, 26807), (231, 26954), (244, 27014), (246, 27023), (254, 27053), (257, 27062), (274, 27176), (275, 27185), (276, 27194), (283, 27254), (284, 27257), (289, 27302), (300, 27398), (302, 27410), (305, 27422), (312, 27500), (315, 27524), (325, 27629), (328, 27659), (329, 27671), (335, 27716), (341, 27761), (346, 27818), (354, 27920), (360, 27968), (384, 28079), (396, 28163), (423, 28277),

Gene: Elva_43 Start: 27927, Stop: 30533, Start Num: 22
Candidate Starts for Elva_43:
(Start: 22 @27927 has 1 MA's), (34, 27975), (70, 28251), (71, 28254), (76, 28293), (125, 28494), (144, 28590), (170, 28794), (171, 28803), (187, 28914), (188, 28920), (200, 29013), (242, 29187), (284, 29415), (300, 29556), (302, 29568), (307, 29616), (327, 29814), (328, 29817), (331, 29841), (341, 29919), (351, 30045), (356, 30090), (363, 30138), (376, 30222), (405, 30384), (429, 30483), (431, 30486), (437, 30507),

Gene: Emotion_42 Start: 27485, Stop: 29995, Start Num: 54
Candidate Starts for Emotion_42:
(30, 27365), (Start: 54 @27485 has 93 MA's), (74, 27677), (76, 27695), (90, 27764), (105, 27815), (151, 28055), (171, 28214), (177, 28280), (181, 28298), (270, 28769), (285, 28868), (288, 28886), (298, 28982), (300, 29003), (302, 29015), (305, 29027), (324, 29231), (328, 29264), (335, 29321), (369, 29639), (378, 29669), (414, 29849),

Gene: Eraser_37 Start: 27584, Stop: 30073, Start Num: 54
Candidate Starts for Eraser_37:
(21, 27431), (Start: 54 @27584 has 93 MA's), (67, 27713), (74, 27776), (76, 27794), (103, 27905), (136, 28037), (169, 28298), (171, 28316), (178, 28385), (185, 28418), (186, 28424), (190, 28445), (270, 28871), (302, 29117), (325, 29336), (328, 29366), (335, 29423), (339, 29462), (346, 29525), (356, 29639), (360, 29675), (386, 29801),

Gene: Eula_42 Start: 27109, Stop: 29574, Start Num: 41
Candidate Starts for Eula_42:
(Start: 41 @27109 has 84 MA's), (65, 27259), (66, 27265), (70, 27325), (71, 27328), (76, 27367), (125, 27568), (144, 27664), (170, 27868), (171, 27877), (187, 27988), (188, 27994), (283, 28486), (284, 28489), (300, 28630), (302, 28642), (307, 28690), (309, 28699), (319, 28819), (328, 28891), (341, 28993), (351, 29119), (356, 29164), (368, 29263), (405, 29449),

Gene: Euratis_32 Start: 23230, Stop: 25665, Start Num: 53
Candidate Starts for Euratis_32:
(Start: 53 @23230 has 1 MA's), (57, 23245), (60, 23266), (70, 23401), (71, 23404), (84, 23485), (98, 23533), (109, 23575), (136, 23692), (137, 23695), (140, 23719), (143, 23746), (152, 23818), (155, 23845), (163, 23908), (169, 23950), (174, 23986), (178, 24037), (191, 24112), (203, 24205), (213, 24247), (219, 24274), (226, 24322), (232, 24349), (264, 24478), (265, 24493), (269, 24532), (271, 24556), (275, 24574), (277, 24589), (283, 24643), (289, 24691), (293, 24712), (301, 24790), (305, 24811), (325, 25021), (328, 25051), (340, 25150), (345, 25198), (353, 25300), (354, 25312), (366, 25405), (372, 25426), (380, 25450), (381, 25453), (391, 25522), (396, 25552), (397, 25567), (411,

25615),

Gene: Exile_35 Start: 28159, Stop: 30654, Start Num: 54
Candidate Starts for Exile_35:
(Start: 54 @28159 has 93 MA's), (68, 28294), (73, 28345), (74, 28351), (76, 28369), (94, 28453), (136, 28606), (157, 28765), (171, 28885), (175, 28906), (242, 29278), (260, 29350), (270, 29440), (275, 29461), (284, 29533), (289, 29578), (302, 29686), (309, 29743), (324, 29902), (328, 29935), (335, 29992), (346, 30094), (354, 30196), (356, 30208), (378, 30340), (389, 30394), (414, 30520),

Gene: Finalfrontier_42 Start: 27968, Stop: 30433, Start Num: 41
Candidate Starts for Finalfrontier_42:
(Start: 41 @27968 has 84 MA's), (65, 28118), (66, 28124), (70, 28184), (71, 28187), (76, 28226), (125, 28427), (144, 28523), (171, 28736), (176, 28760), (187, 28847), (188, 28853), (275, 29276), (283, 29345), (284, 29348), (300, 29489), (302, 29501), (307, 29549), (309, 29558), (319, 29678), (328, 29750), (341, 29852), (351, 29978), (356, 30023), (368, 30122), (405, 30308),

Gene: FiveHead_46 Start: 27633, Stop: 30119, Start Num: 54
Candidate Starts for FiveHead_46:
(Start: 54 @27633 has 93 MA's), (74, 27825), (76, 27843), (78, 27858), (90, 27912), (107, 27954), (112, 27969), (151, 28185), (168, 28323), (171, 28344), (172, 28347), (176, 28368), (188, 28461), (194, 28527), (257, 28806), (270, 28899), (274, 28911), (302, 29145), (324, 29361), (328, 29394), (335, 29451), (351, 29622), (369, 29769), (418, 30021),

Gene: FlameThrower_39 Start: 27335, Stop: 29791, Start Num: 41
Candidate Starts for FlameThrower_39:
(27, 27272), (30, 27281), (33, 27293), (36, 27317), (Start: 41 @27335 has 84 MA's), (59, 27407), (67, 27506), (71, 27548), (73, 27563), (76, 27587), (125, 27788), (166, 28061), (171, 28097), (183, 28193), (188, 28214), (243, 28499), (253, 28538), (268, 28589), (284, 28709), (295, 28811), (300, 28850), (302, 28862), (307, 28910), (309, 28919), (319, 29039), (328, 29111), (331, 29135), (341, 29213), (351, 29339), (354, 29372), (356, 29384), (363, 29432), (379, 29528), (396, 29627), (404, 29666), (405, 29669), (438, 29771),

Gene: Floof_47 Start: 29012, Stop: 31516, Start Num: 54
Candidate Starts for Floof_47:
(2, 28439), (3, 28448), (5, 28523), (14, 28742), (Start: 54 @29012 has 93 MA's), (60, 29048), (65, 29117), (71, 29183), (74, 29204), (76, 29222), (126, 29462), (169, 29750), (172, 29771), (176, 29792), (188, 29885), (224, 30089), (238, 30143), (246, 30191), (254, 30221), (270, 30332), (275, 30353), (284, 30425), (292, 30485), (300, 30566), (302, 30578), (305, 30590), (308, 30632), (325, 30797), (328, 30827), (329, 30839), (335, 30884), (341, 30929), (348, 30995), (378, 31232), (410, 31388), (422, 31454),

Gene: Flutur_37 Start: 26957, Stop: 29449, Start Num: 54
Candidate Starts for Flutur_37:
(Start: 54 @26957 has 93 MA's), (66, 27068), (67, 27086), (74, 27149), (76, 27167), (136, 27410), (145, 27482), (156, 27566), (158, 27572), (171, 27689), (178, 27758), (186, 27797), (200, 27899), (270, 28244), (283, 28334), (302, 28490), (325, 28709), (328, 28739), (335, 28796), (339, 28835), (346, 28898), (356, 29012), (383, 29156), (403, 29276),

Gene: Forester_45 Start: 29945, Stop: 32449, Start Num: 54
Candidate Starts for Forester_45:
(10, 29624), (42, 29894), (47, 29918), (Start: 54 @29945 has 93 MA's), (60, 29981), (65, 30050), (67, 30074), (71, 30116), (74, 30137), (76, 30155), (81, 30185), (94, 30239), (126, 30395), (169, 30683), (176, 30725), (188, 30818), (244, 31115), (246, 31124), (270, 31265), (283, 31355), (292, 31418),

(300, 31499), (302, 31511), (325, 31730), (328, 31760), (329, 31772), (331, 31784), (335, 31817), (341, 31862), (348, 31928), (410, 32321), (422, 32387),

Gene: Franklin22_40 Start: 25581, Stop: 28034, Start Num: 41
Candidate Starts for Franklin22_40:
(Start: 41 @25581 has 84 MA's), (43, 25593), (71, 25797), (76, 25836), (95, 25923), (154, 26208), (170, 26337), (171, 26346), (173, 26361), (187, 26457), (188, 26463), (197, 26541), (242, 26730), (268, 26838), (271, 26868), (283, 26955), (284, 26958), (300, 27099), (302, 27111), (308, 27165), (324, 27327), (325, 27330), (328, 27360), (331, 27384), (341, 27462), (351, 27588), (356, 27633), (361, 27672), (382, 27777), (405, 27918), (422, 27981),

Gene: Gack_38 Start: 25365, Stop: 27821, Start Num: 41
Candidate Starts for Gack_38:
(32, 25323), (Start: 41 @25365 has 84 MA's), (43, 25377), (67, 25539), (71, 25581), (76, 25620), (136, 25854), (137, 25857), (166, 26094), (171, 26130), (173, 26145), (176, 26154), (188, 26247), (284, 26742), (296, 26853), (300, 26883), (302, 26895), (308, 26949), (324, 27111), (325, 27114), (328, 27144), (331, 27168), (341, 27246), (354, 27405), (356, 27417), (361, 27456), (372, 27537), (420, 27759),

Gene: Gambol_37 Start: 24805, Stop: 27333, Start Num: 52
Candidate Starts for Gambol_37:
(Start: 52 @24805 has 19 MA's), (67, 24937), (68, 24943), (70, 24976), (74, 25000), (76, 25018), (104, 25132), (145, 25336), (168, 25519), (171, 25540), (175, 25561), (178, 25609), (200, 25750), (270, 26101), (275, 26122), (282, 26179), (283, 26191), (290, 26242), (312, 26437), (328, 26596), (329, 26608), (332, 26635), (335, 26653), (340, 26695), (346, 26755), (369, 26971), (370, 26977), (384, 27013), (417, 27226),

Gene: GardenState_45 Start: 28152, Stop: 30674, Start Num: 54
Candidate Starts for GardenState_45:
(Start: 54 @28152 has 93 MA's), (65, 28257), (69, 28302), (70, 28320), (74, 28344), (76, 28362), (94, 28446), (136, 28632), (188, 29025), (197, 29103), (270, 29472), (300, 29706), (302, 29718), (325, 29937), (328, 29967), (329, 29979), (335, 30024), (378, 30375), (413, 30549),

Gene: Giorgio_36 Start: 24913, Stop: 27438, Start Num: 52
Candidate Starts for Giorgio_36:
(Start: 52 @24913 has 19 MA's), (60, 24952), (67, 25045), (68, 25051), (70, 25084), (74, 25108), (145, 25444), (168, 25627), (171, 25648), (175, 25669), (178, 25717), (200, 25858), (270, 26209), (282, 26287), (283, 26299), (290, 26350), (298, 26422), (312, 26545), (318, 26587), (328, 26704), (329, 26716), (332, 26743), (335, 26761), (340, 26803), (346, 26863), (370, 27085), (384, 27121),

Gene: Gretchen_46 Start: 29630, Stop: 32134, Start Num: 54
Candidate Starts for Gretchen_46:
(42, 29579), (47, 29603), (Start: 54 @29630 has 93 MA's), (60, 29666), (65, 29735), (67, 29759), (71, 29801), (74, 29822), (76, 29840), (81, 29870), (94, 29924), (126, 30080), (169, 30368), (176, 30410), (188, 30503), (244, 30800), (246, 30809), (270, 30950), (283, 31040), (292, 31103), (300, 31184), (302, 31196), (325, 31415), (328, 31445), (329, 31457), (331, 31469), (335, 31502), (341, 31547), (348, 31613), (410, 32006), (422, 32072),

Gene: GrimEater_34 Start: 25030, Stop: 27510, Start Num: 54
Candidate Starts for GrimEater_34:
(Start: 54 @25030 has 93 MA's), (74, 25222), (76, 25240), (78, 25255), (94, 25324), (112, 25378), (117, 25405), (136, 25474), (168, 25732), (170, 25744), (171, 25753), (175, 25774), (247, 26179), (270, 26308), (276, 26338), (284, 26401), (289, 26446), (292, 26461), (302, 26554), (305, 26566),

(324, 26770), (328, 26803), (335, 26860), (346, 26962), (354, 27064), (370, 27184), (378, 27208), (399, 27325), (414, 27388), (425, 27445),

Gene: Grist_41 Start: 27185, Stop: 29668, Start Num: 41
Candidate Starts for Grist_41:
(Start: 41 @27185 has 84 MA's), (67, 27362), (71, 27404), (76, 27443), (139, 27695), (171, 27953), (187, 28064), (188, 28070), (208, 28184), (242, 28337), (244, 28358), (284, 28565), (300, 28706), (302, 28718), (328, 28967), (341, 29069), (351, 29195), (356, 29240), (367, 29324), (368, 29339), (376, 29372),

Gene: Gumpizza_36 Start: 24869, Stop: 27394, Start Num: 52
Candidate Starts for Gumpizza_36:
(Start: 52 @24869 has 19 MA's), (60, 24908), (67, 25001), (68, 25007), (70, 25040), (74, 25064), (145, 25400), (168, 25583), (171, 25604), (175, 25625), (178, 25673), (200, 25814), (270, 26165), (282, 26243), (283, 26255), (290, 26306), (298, 26378), (312, 26501), (318, 26543), (328, 26660), (329, 26672), (332, 26699), (335, 26717), (340, 26759), (346, 26819), (370, 27041), (384, 27077),

Gene: Halsey_36 Start: 24934, Stop: 27459, Start Num: 52
Candidate Starts for Halsey_36:
(Start: 52 @24934 has 19 MA's), (60, 24973), (67, 25066), (68, 25072), (70, 25105), (74, 25129), (145, 25465), (168, 25648), (171, 25669), (175, 25690), (178, 25738), (200, 25879), (270, 26230), (282, 26308), (283, 26320), (290, 26371), (298, 26443), (312, 26566), (318, 26608), (328, 26725), (329, 26737), (331, 26749), (332, 26764), (335, 26782), (340, 26824), (346, 26884), (370, 27106), (384, 27142),

Gene: Heather_34 Start: 24177, Stop: 26735, Start Num: 54
Candidate Starts for Heather_34:
(Start: 54 @24177 has 93 MA's), (60, 24213), (70, 24348), (85, 24435), (91, 24465), (118, 24588), (140, 24711), (142, 24723), (152, 24810), (158, 24846), (194, 25149), (197, 25161), (201, 25179), (203, 25182), (212, 25221), (213, 25224), (219, 25251), (232, 25326), (239, 25344), (264, 25455), (265, 25470), (266, 25473), (269, 25509), (271, 25533), (275, 25551), (276, 25560), (277, 25566), (283, 25620), (286, 25641), (289, 25668), (301, 25767), (302, 25776), (309, 25833), (325, 25995), (328, 26025), (329, 26037), (333, 26067), (335, 26082), (340, 26124), (346, 26184), (353, 26274), (354, 26286), (359, 26319), (372, 26418), (380, 26442), (381, 26445), (396, 26544), (397, 26559), (407, 26592), (421, 26688),

Gene: Honk_42 Start: 25280, Stop: 27757, Start Num: 51
Candidate Starts for Honk_42:
(45, 25241), (Start: 51 @25280 has 2 MA's), (67, 25412), (94, 25574), (126, 25694), (137, 25727), (156, 25880), (158, 25886), (175, 26021), (186, 26108), (188, 26117), (235, 26366), (242, 26393), (270, 26567), (276, 26597), (300, 26801), (309, 26870), (325, 27032), (328, 27062), (329, 27074), (335, 27119), (347, 27227), (365, 27413), (383, 27476), (414, 27647),

Gene: IAmGroot_45 Start: 28619, Stop: 31141, Start Num: 54
Candidate Starts for IAmGroot_45:
(Start: 54 @28619 has 93 MA's), (65, 28724), (69, 28769), (74, 28811), (76, 28829), (94, 28913), (136, 29099), (188, 29492), (197, 29570), (270, 29939), (300, 30173), (302, 30185), (325, 30404), (328, 30434), (329, 30446), (335, 30491), (378, 30842), (413, 31016),

Gene: IUFootball_39 Start: 27757, Stop: 30252, Start Num: 54
Candidate Starts for IUFootball_39:
(Start: 54 @27757 has 93 MA's), (66, 27868), (68, 27892), (74, 27949), (76, 27967), (78, 27982), (86, 28015), (140, 28231), (166, 28447), (168, 28462), (170, 28474), (171, 28483), (175, 28504), (185,

28585), (200, 28693), (231, 28837), (263, 28966), (274, 29059), (281, 29119), (298, 29260), (312, 29383), (324, 29506), (325, 29509), (328, 29539), (335, 29596), (340, 29638), (346, 29698), (354, 29800), (360, 29848), (384, 29956), (406, 30088), (430, 30205),

Gene: Icarian_44 Start: 28469, Stop: 30943, Start Num: 41
Candidate Starts for Icarian_44:
(Start: 41 @28469 has 84 MA's), (71, 28688), (76, 28727), (125, 28928), (137, 28964), (144, 29024), (161, 29162), (170, 29228), (171, 29237), (176, 29261), (187, 29348), (188, 29354), (200, 29447), (242, 29621), (283, 29846), (284, 29849), (288, 29873), (300, 29990), (302, 30002), (309, 30059), (328, 30251), (331, 30275), (341, 30353), (351, 30479), (352, 30497), (356, 30524), (368, 30623), (404, 30806), (405, 30809), (420, 30866), (438, 30923),

Gene: IndyLu_41 Start: 27325, Stop: 29808, Start Num: 41
Candidate Starts for IndyLu_41:
(Start: 41 @27325 has 84 MA's), (67, 27502), (71, 27544), (76, 27583), (139, 27835), (171, 28093), (187, 28204), (188, 28210), (208, 28324), (242, 28477), (244, 28498), (284, 28705), (300, 28846), (302, 28858), (328, 29107), (341, 29209), (351, 29335), (356, 29380), (367, 29464), (368, 29479), (376, 29512),

Gene: Iter_39 Start: 26762, Stop: 29257, Start Num: 50
Candidate Starts for Iter_39:
(Start: 50 @26762 has 2 MA's), (66, 26876), (67, 26894), (74, 26957), (76, 26975), (145, 27290), (171, 27497), (178, 27566), (186, 27605), (190, 27626), (270, 28052), (284, 28145), (302, 28298), (325, 28517), (328, 28547), (335, 28604), (339, 28643), (346, 28706), (354, 28808), (356, 28820), (370, 28928), (383, 28964), (403, 29084),

Gene: IttyBittyPiggy_38 Start: 26195, Stop: 28678, Start Num: 54
Candidate Starts for IttyBittyPiggy_38:
(31, 26084), (Start: 54 @26195 has 93 MA's), (66, 26306), (67, 26324), (68, 26330), (74, 26387), (76, 26405), (151, 26765), (158, 26807), (168, 26903), (171, 26924), (186, 27032), (190, 27053), (270, 27479), (283, 27569), (302, 27725), (322, 27923), (325, 27944), (328, 27974), (335, 28031), (356, 28247), (397, 28493), (414, 28559),

Gene: Jabb_42 Start: 27123, Stop: 29588, Start Num: 41
Candidate Starts for Jabb_42:
(Start: 41 @27123 has 84 MA's), (65, 27273), (66, 27279), (70, 27339), (71, 27342), (76, 27381), (125, 27582), (144, 27678), (170, 27882), (171, 27891), (187, 28002), (188, 28008), (283, 28500), (284, 28503), (300, 28644), (302, 28656), (307, 28704), (309, 28713), (319, 28833), (328, 28905), (341, 29007), (351, 29133), (356, 29178), (368, 29277), (405, 29463),

Gene: Janeemi_40 Start: 28271, Stop: 30760, Start Num: 54
Candidate Starts for Janeemi_40:
(29, 28154), (39, 28202), (Start: 54 @28271 has 93 MA's), (67, 28400), (74, 28463), (76, 28481), (171, 29003), (178, 29072), (186, 29111), (200, 29213), (270, 29558), (292, 29711), (302, 29804), (325, 30023), (328, 30053), (335, 30110), (346, 30212), (354, 30314), (383, 30470), (397, 30572), (414, 30638), (427, 30695),

Gene: Jankie_35 Start: 25211, Stop: 27691, Start Num: 54
Candidate Starts for Jankie_35:
(Start: 54 @25211 has 93 MA's), (74, 25403), (76, 25421), (78, 25436), (90, 25490), (94, 25505), (112, 25559), (117, 25586), (168, 25913), (170, 25925), (171, 25934), (175, 25955), (206, 26168), (247, 26360), (270, 26489), (276, 26519), (284, 26582), (289, 26627), (292, 26642), (302, 26735), (305, 26747), (324, 26951), (328, 26984), (335, 27041), (346, 27143), (354, 27245), (370, 27365), (378,

27389), (399, 27506), (414, 27569), (425, 27626),

Gene: JasmineDragon_42 Start: 27490, Stop: 30000, Start Num: 54
Candidate Starts for JasmineDragon_42:
(20, 27337), (28, 27364), (Start: 54 @27490 has 93 MA's), (67, 27619), (74, 27682), (76, 27700), (117, 27871), (151, 28060), (160, 28138), (175, 28240), (181, 28303), (183, 28315), (270, 28783), (298, 28996), (302, 29029), (324, 29245), (328, 29278), (335, 29335), (346, 29437), (362, 29593), (369, 29653),

Gene: Joemato_38 Start: 26730, Stop: 29222, Start Num: 54
Candidate Starts for Joemato_38:
(Start: 54 @26730 has 93 MA's), (66, 26841), (67, 26859), (74, 26922), (76, 26940), (136, 27183), (145, 27255), (156, 27339), (158, 27345), (171, 27462), (178, 27531), (186, 27570), (200, 27672), (270, 28017), (283, 28107), (302, 28263), (325, 28482), (328, 28512), (335, 28569), (339, 28608), (346, 28671), (356, 28785), (383, 28929), (403, 29049),

Gene: JohnDoe_38 Start: 26722, Stop: 29214, Start Num: 54
Candidate Starts for JohnDoe_38:
(Start: 54 @26722 has 93 MA's), (66, 26833), (67, 26851), (74, 26914), (76, 26932), (136, 27175), (145, 27247), (156, 27331), (158, 27337), (171, 27454), (178, 27523), (186, 27562), (200, 27664), (270, 28009), (283, 28099), (302, 28255), (325, 28474), (328, 28504), (335, 28561), (339, 28600), (346, 28663), (356, 28777), (383, 28921), (403, 29041),

Gene: JohnThicc_42 Start: 27633, Stop: 30119, Start Num: 54
Candidate Starts for JohnThicc_42:
(Start: 54 @27633 has 93 MA's), (74, 27825), (76, 27843), (78, 27858), (90, 27912), (107, 27954), (112, 27969), (151, 28185), (168, 28323), (171, 28344), (172, 28347), (176, 28368), (188, 28461), (194, 28527), (257, 28806), (270, 28899), (274, 28911), (302, 29145), (324, 29361), (328, 29394), (335, 29451), (346, 29553), (351, 29622), (369, 29769), (418, 30021),

Gene: Johnathan_40 Start: 26360, Stop: 28864, Start Num: 41
Candidate Starts for Johnathan_40:
(Start: 41 @26360 has 84 MA's), (65, 26510), (70, 26576), (71, 26579), (76, 26618), (137, 26855), (144, 26915), (170, 27119), (171, 27128), (187, 27239), (188, 27245), (283, 27737), (284, 27740), (300, 27881), (302, 27893), (307, 27941), (309, 27950), (319, 28070), (328, 28142), (341, 28244), (351, 28370), (356, 28415), (368, 28514), (376, 28547), (405, 28700), (420, 28757), (432, 28793), (435, 28805), (436, 28808), (440, 28829),

Gene: Jovita_42 Start: 27138, Stop: 29603, Start Num: 41
Candidate Starts for Jovita_42:
(Start: 41 @27138 has 84 MA's), (65, 27288), (66, 27294), (70, 27354), (71, 27357), (76, 27396), (144, 27693), (170, 27897), (171, 27906), (173, 27921), (176, 27930), (187, 28017), (188, 28023), (283, 28515), (284, 28518), (300, 28659), (302, 28671), (307, 28719), (309, 28728), (319, 28848), (328, 28920), (341, 29022), (351, 29148), (356, 29193), (368, 29292), (405, 29478),

Gene: Jstan_39 Start: 27578, Stop: 30067, Start Num: 54
Candidate Starts for Jstan_39:
(21, 27425), (Start: 54 @27578 has 93 MA's), (67, 27707), (74, 27770), (76, 27788), (103, 27899), (136, 28031), (169, 28292), (171, 28310), (178, 28379), (185, 28412), (186, 28418), (270, 28865), (302, 29111), (325, 29330), (328, 29360), (335, 29417), (339, 29456), (346, 29519), (356, 29633), (360, 29669), (386, 29795),

Gene: JuneStar_39 Start: 28323, Stop: 30806, Start Num: 54

Candidate Starts for JuneStar_39:
(Start: 54 @28323 has 93 MA's), (66, 28434), (74, 28515), (76, 28533), (78, 28548), (117, 28704), (156, 28929), (171, 29052), (175, 29073), (190, 29181), (270, 29607), (302, 29853), (322, 30051), (325, 30072), (328, 30102), (335, 30159), (346, 30261), (355, 30366),

Gene: Kalimba_36 Start: 24783, Stop: 27311, Start Num: 52
Candidate Starts for Kalimba_36:
(Start: 52 @24783 has 19 MA's), (67, 24915), (68, 24921), (70, 24954), (74, 24978), (76, 24996), (104, 25110), (145, 25314), (168, 25497), (171, 25518), (175, 25539), (178, 25587), (200, 25728), (270, 26079), (275, 26100), (282, 26157), (283, 26169), (290, 26220), (312, 26415), (328, 26574), (329, 26586), (332, 26613), (335, 26631), (340, 26673), (346, 26733), (369, 26949), (370, 26955), (384, 26991), (417, 27204),

Gene: Kamdara_39 Start: 27473, Stop: 29929, Start Num: 41
Candidate Starts for Kamdara_39:
(Start: 41 @27473 has 84 MA's), (66, 27623), (71, 27686), (76, 27725), (125, 27926), (171, 28235), (176, 28259), (188, 28352), (200, 28445), (242, 28619), (248, 28655), (268, 28727), (284, 28847), (295, 28949), (300, 28988), (302, 29000), (307, 29048), (309, 29057), (328, 29249), (331, 29273), (341, 29351), (351, 29477), (363, 29570), (368, 29621), (379, 29666), (390, 29723), (405, 29807), (422, 29870),

Gene: Kate33_42 Start: 27049, Stop: 29553, Start Num: 41
Candidate Starts for Kate33_42:
(Start: 41 @27049 has 84 MA's), (67, 27226), (71, 27268), (76, 27307), (139, 27559), (170, 27808), (171, 27817), (176, 27841), (187, 27928), (188, 27934), (208, 28048), (242, 28201), (244, 28222), (284, 28429), (300, 28570), (302, 28582), (328, 28831), (341, 28933), (351, 29059), (356, 29104), (367, 29188), (368, 29203), (376, 29236), (434, 29503), (439, 29527),

Gene: Katzastrophic_40 Start: 27464, Stop: 29920, Start Num: 41
Candidate Starts for Katzastrophic_40:
(27, 27401), (30, 27410), (33, 27422), (36, 27446), (Start: 41 @27464 has 84 MA's), (59, 27536), (67, 27635), (71, 27677), (73, 27692), (76, 27716), (125, 27917), (166, 28190), (171, 28226), (183, 28322), (188, 28343), (243, 28628), (268, 28718), (284, 28838), (295, 28940), (300, 28979), (302, 28991), (307, 29039), (309, 29048), (319, 29168), (328, 29240), (331, 29264), (341, 29342), (351, 29468), (354, 29501), (356, 29513), (363, 29561), (379, 29657), (390, 29714), (405, 29798), (438, 29900),

Gene: Kaylissa_38 Start: 26665, Stop: 29157, Start Num: 54
Candidate Starts for Kaylissa_38:
(Start: 54 @26665 has 93 MA's), (66, 26776), (67, 26794), (74, 26857), (76, 26875), (136, 27118), (145, 27190), (156, 27274), (158, 27280), (171, 27397), (178, 27466), (186, 27505), (200, 27607), (270, 27952), (283, 28042), (302, 28198), (325, 28417), (328, 28447), (335, 28504), (339, 28543), (356, 28720), (383, 28864), (403, 28984), (423, 29086),

Gene: KeAlii_37 Start: 26690, Stop: 29197, Start Num: 52
Candidate Starts for KeAlii_37:
(Start: 52 @26690 has 19 MA's), (74, 26885), (76, 26903), (171, 27428), (175, 27449), (186, 27536), (228, 27767), (270, 27992), (279, 28034), (302, 28238), (323, 28451), (325, 28457), (328, 28487), (335, 28544), (346, 28646), (349, 28697), (370, 28868), (383, 28904), (399, 29009), (414, 29072),

Gene: Kenzers_42 Start: 27182, Stop: 29647, Start Num: 41
Candidate Starts for Kenzers_42:
(Start: 41 @27182 has 84 MA's), (65, 27332), (70, 27398), (71, 27401), (76, 27440), (137, 27677), (144, 27737), (170, 27941), (171, 27950), (187, 28061), (188, 28067), (283, 28559), (284, 28562),

(300, 28703), (302, 28715), (328, 28964), (341, 29066), (351, 29192), (356, 29237), (368, 29336), (405, 29522),

Gene: Kieran_39 Start: 27476, Stop: 29932, Start Num: 41
Candidate Starts for Kieran_39:
(33, 27434), (Start: 41 @27476 has 84 MA's), (66, 27626), (71, 27689), (76, 27728), (125, 27929), (171, 28238), (176, 28262), (188, 28355), (200, 28448), (248, 28658), (268, 28730), (284, 28850), (295, 28952), (300, 28991), (302, 29003), (307, 29051), (309, 29060), (328, 29252), (331, 29276), (341, 29354), (351, 29480), (363, 29573), (368, 29624), (379, 29669), (390, 29726), (405, 29810), (422, 29873),

Gene: LadyAstra_43 Start: 27733, Stop: 30219, Start Num: 54
Candidate Starts for LadyAstra_43:
(Start: 54 @27733 has 93 MA's), (74, 27925), (76, 27943), (90, 28012), (107, 28054), (112, 28069), (151, 28285), (168, 28423), (171, 28444), (172, 28447), (176, 28468), (188, 28561), (194, 28627), (257, 28906), (270, 28999), (274, 29011), (302, 29245), (324, 29461), (328, 29494), (335, 29551), (351, 29722), (369, 29869), (418, 30121),

Gene: Lahqtemish_41 Start: 27351, Stop: 29834, Start Num: 41
Candidate Starts for Lahqtemish_41:
(Start: 41 @27351 has 84 MA's), (67, 27528), (71, 27570), (76, 27609), (139, 27861), (171, 28119), (176, 28143), (187, 28230), (188, 28236), (196, 28311), (208, 28350), (242, 28503), (284, 28731), (300, 28872), (302, 28884), (328, 29133), (341, 29235), (351, 29361), (356, 29406), (368, 29505), (376, 29538),

Gene: Lego_38 Start: 26611, Stop: 29103, Start Num: 54
Candidate Starts for Lego_38:
(Start: 54 @26611 has 93 MA's), (66, 26722), (67, 26740), (74, 26803), (76, 26821), (136, 27064), (145, 27136), (156, 27220), (158, 27226), (171, 27343), (178, 27412), (186, 27451), (200, 27553), (270, 27898), (283, 27988), (302, 28144), (325, 28363), (328, 28393), (335, 28450), (339, 28489), (356, 28666), (383, 28810), (403, 28930), (423, 29032),

Gene: Liebe_39 Start: 27757, Stop: 30252, Start Num: 54
Candidate Starts for Liebe_39:
(Start: 54 @27757 has 93 MA's), (66, 27868), (68, 27892), (74, 27949), (76, 27967), (78, 27982), (86, 28015), (140, 28231), (166, 28447), (168, 28462), (170, 28474), (171, 28483), (175, 28504), (185, 28585), (200, 28693), (231, 28837), (263, 28966), (274, 29059), (281, 29119), (298, 29260), (312, 29383), (324, 29506), (325, 29509), (328, 29539), (335, 29596), (340, 29638), (346, 29698), (354, 29800), (360, 29848), (384, 29956), (406, 30088), (430, 30205),

Gene: Lilbooboo_31 Start: 23280, Stop: 25706, Start Num: 54
Candidate Starts for Lilbooboo_31:
(Start: 54 @23280 has 93 MA's), (84, 23535), (89, 23556), (92, 23568), (132, 23715), (135, 23745), (140, 23775), (166, 23988), (169, 24006), (174, 24042), (176, 24048), (180, 24105), (185, 24126), (188, 24141), (197, 24219), (219, 24309), (226, 24357), (232, 24384), (238, 24399), (244, 24441), (247, 24453), (250, 24465), (252, 24474), (258, 24492), (264, 24513), (269, 24567), (271, 24591), (275, 24609), (276, 24618), (277, 24624), (281, 24660), (289, 24726), (291, 24735), (292, 24741), (301, 24825), (312, 24924), (325, 25056), (328, 25086), (335, 25143), (340, 25185), (346, 25245), (347, 25251), (353, 25335), (354, 25347), (366, 25440), (372, 25461), (380, 25488), (381, 25491), (396, 25590), (397, 25605), (399, 25608), (410, 25647), (411, 25653),

Gene: Lilo27_42 Start: 27017, Stop: 29482, Start Num: 41
Candidate Starts for Lilo27_42:

(Start: 41 @27017 has 84 MA's), (65, 27167), (66, 27173), (70, 27233), (71, 27236), (76, 27275), (125, 27476), (144, 27572), (171, 27785), (176, 27809), (187, 27896), (188, 27902), (275, 28325), (283, 28394), (284, 28397), (300, 28538), (302, 28550), (307, 28598), (309, 28607), (319, 28727), (328, 28799), (341, 28901), (351, 29027), (356, 29072), (368, 29171), (405, 29357),

Gene: LimaBean_41 Start: 26701, Stop: 29166, Start Num: 41
Candidate Starts for LimaBean_41:
(Start: 41 @26701 has 84 MA's), (65, 26851), (70, 26917), (71, 26920), (76, 26959), (137, 27196), (144, 27256), (170, 27460), (171, 27469), (187, 27580), (188, 27586), (198, 27673), (283, 28078), (284, 28081), (300, 28222), (302, 28234), (328, 28483), (341, 28585), (351, 28711), (356, 28756), (368, 28855), (405, 29041), (420, 29098),

Gene: LisoBros_38 Start: 28109, Stop: 30592, Start Num: 54
Candidate Starts for LisoBros_38:
(23, 27959), (24, 27962), (48, 28082), (Start: 54 @28109 has 93 MA's), (60, 28145), (67, 28238), (68, 28244), (74, 28301), (76, 28319), (78, 28334), (94, 28403), (137, 28562), (157, 28718), (160, 28757), (168, 28817), (177, 28904), (185, 28940), (188, 28955), (196, 29030), (224, 29159), (235, 29204), (242, 29231), (244, 29252), (270, 29393), (274, 29405), (276, 29423), (284, 29486), (285, 29492), (287, 29507), (289, 29531), (292, 29546), (298, 29606), (300, 29627), (315, 29753), (325, 29858), (328, 29888), (335, 29945), (360, 30197), (389, 30347), (391, 30362), (397, 30407), (405, 30434), (414, 30473), (423, 30524),

Gene: Lizalica_36 Start: 25808, Stop: 28300, Start Num: 54
Candidate Starts for Lizalica_36:
(Start: 54 @25808 has 93 MA's), (66, 25919), (67, 25937), (74, 26000), (76, 26018), (114, 26177), (136, 26261), (156, 26417), (158, 26423), (168, 26519), (171, 26540), (176, 26564), (178, 26609), (186, 26648), (190, 26669), (270, 27095), (284, 27188), (302, 27341), (325, 27560), (328, 27590), (329, 27602), (335, 27647), (339, 27686), (346, 27749), (383, 28007), (403, 28127),

Gene: London_37 Start: 27593, Stop: 30082, Start Num: 54
Candidate Starts for London_37:
(21, 27440), (Start: 54 @27593 has 93 MA's), (67, 27722), (74, 27785), (76, 27803), (103, 27914), (136, 28046), (169, 28307), (171, 28325), (178, 28394), (185, 28427), (186, 28433), (190, 28454), (270, 28880), (302, 29126), (325, 29345), (328, 29375), (335, 29432), (339, 29471), (346, 29534), (356, 29648), (360, 29684), (386, 29810),

Gene: Loviatar_42 Start: 29058, Stop: 31532, Start Num: 41
Candidate Starts for Loviatar_42:
(Start: 41 @29058 has 84 MA's), (71, 29277), (76, 29316), (125, 29517), (137, 29553), (144, 29613), (145, 29622), (170, 29817), (171, 29826), (176, 29850), (187, 29937), (188, 29943), (200, 30036), (242, 30210), (283, 30435), (284, 30438), (300, 30579), (302, 30591), (309, 30648), (328, 30840), (331, 30864), (341, 30942), (351, 31068), (352, 31086), (356, 31113), (368, 31212), (404, 31395), (405, 31398), (420, 31455), (438, 31512),

Gene: Lynlen_42 Start: 27182, Stop: 29647, Start Num: 41
Candidate Starts for Lynlen_42:
(Start: 41 @27182 has 84 MA's), (65, 27332), (70, 27398), (71, 27401), (76, 27440), (137, 27677), (144, 27737), (170, 27941), (171, 27950), (187, 28061), (188, 28067), (283, 28559), (284, 28562), (300, 28703), (302, 28715), (328, 28964), (341, 29066), (351, 29192), (356, 29237), (368, 29336), (405, 29522),

Gene: MaGuCo_37 Start: 26603, Stop: 29098, Start Num: 54
Candidate Starts for MaGuCo_37:

(Start: 54 @26603 has 93 MA's), (64, 26702), (66, 26714), (68, 26738), (71, 26774), (74, 26795), (76, 26813), (86, 26861), (123, 27011), (140, 27077), (166, 27293), (168, 27308), (171, 27329), (175, 27350), (185, 27431), (200, 27539), (242, 27722), (263, 27812), (274, 27905), (281, 27965), (298, 28106), (324, 28352), (325, 28355), (328, 28385), (335, 28442), (340, 28484), (346, 28544), (354, 28646), (360, 28694), (384, 28802), (406, 28934),

Gene: Mabodamaca_45 Start: 29211, Stop: 31718, Start Num: 54
Candidate Starts for Mabodamaca_45:
(Start: 54 @29211 has 93 MA's), (69, 29361), (74, 29403), (76, 29421), (90, 29487), (94, 29502), (126, 29658), (169, 29946), (188, 30081), (270, 30528), (280, 30597), (293, 30687), (300, 30762), (302, 30774), (325, 30993), (328, 31023), (329, 31035), (335, 31080), (361, 31335), (362, 31338), (406, 31575), (422, 31653),

Gene: Maureen_39 Start: 27757, Stop: 30252, Start Num: 54
Candidate Starts for Maureen_39:
(Start: 54 @27757 has 93 MA's), (66, 27868), (68, 27892), (74, 27949), (76, 27967), (78, 27982), (86, 28015), (140, 28231), (166, 28447), (168, 28462), (170, 28474), (171, 28483), (175, 28504), (185, 28585), (200, 28693), (231, 28837), (263, 28966), (274, 29059), (281, 29119), (298, 29260), (312, 29383), (324, 29506), (325, 29509), (328, 29539), (335, 29596), (340, 29638), (346, 29698), (354, 29800), (360, 29848), (384, 29956), (406, 30088), (430, 30205),

Gene: Michkear_39 Start: 27253, Stop: 29793, Start Num: 54
Candidate Starts for Michkear_39:
(Start: 54 @27253 has 93 MA's), (68, 27388), (74, 27445), (76, 27463), (80, 27484), (94, 27547), (105, 27583), (171, 28012), (175, 28033), (177, 28078), (185, 28114), (200, 28222), (228, 28351), (270, 28576), (292, 28729), (302, 28822), (318, 28954), (325, 29041), (328, 29071), (335, 29128), (340, 29170), (346, 29230),

Gene: Milomuff_41 Start: 26916, Stop: 29390, Start Num: 41
Candidate Starts for Milomuff_41:
(Start: 41 @26916 has 84 MA's), (65, 27066), (70, 27132), (71, 27135), (76, 27174), (137, 27411), (144, 27471), (170, 27675), (171, 27684), (187, 27795), (188, 27801), (283, 28293), (284, 28296), (300, 28437), (302, 28449), (324, 28665), (328, 28698), (341, 28800), (351, 28926), (356, 28971), (368, 29070), (376, 29103), (405, 29256), (438, 29370),

Gene: MiniMommy_43 Start: 27491, Stop: 30001, Start Num: 54
Candidate Starts for MiniMommy_43:
(20, 27338), (28, 27365), (Start: 54 @27491 has 93 MA's), (67, 27620), (74, 27683), (76, 27701), (80, 27722), (117, 27872), (151, 28061), (160, 28139), (175, 28241), (181, 28304), (183, 28316), (270, 28784), (298, 28997), (302, 29030), (324, 29246), (328, 29279), (335, 29336), (346, 29438), (362, 29594), (369, 29654),

Gene: MissSwiss_37 Start: 24879, Stop: 27389, Start Num: 54
Candidate Starts for MissSwiss_37:
(42, 24828), (Start: 54 @24879 has 93 MA's), (68, 25014), (74, 25071), (76, 25089), (106, 25209), (136, 25329), (171, 25608), (178, 25677), (181, 25692), (186, 25716), (270, 26172), (275, 26193), (302, 26418), (325, 26637), (328, 26667), (335, 26724), (338, 26760), (346, 26826), (356, 26940), (357, 26955), (360, 26976), (370, 27048), (383, 27084), (423, 27315),

Gene: Moss_36 Start: 24875, Stop: 27400, Start Num: 52
Candidate Starts for Moss_36:
(Start: 52 @24875 has 19 MA's), (60, 24914), (67, 25007), (68, 25013), (70, 25046), (74, 25070), (86, 25133), (145, 25406), (168, 25589), (171, 25610), (175, 25631), (178, 25679), (200, 25820), (270,

26171), (282, 26249), (283, 26261), (290, 26312), (298, 26384), (312, 26507), (318, 26549), (328, 26666), (329, 26678), (331, 26690), (332, 26705), (335, 26723), (340, 26765), (346, 26825), (370, 27047), (384, 27083),

Gene: MsUbiquitous_42 Start: 27123, Stop: 29588, Start Num: 41
Candidate Starts for MsUbiquitous_42:
(Start: 41 @27123 has 84 MA's), (65, 27273), (66, 27279), (70, 27339), (71, 27342), (76, 27381), (125, 27582), (144, 27678), (170, 27882), (171, 27891), (187, 28002), (188, 28008), (283, 28500), (284, 28503), (300, 28644), (302, 28656), (307, 28704), (309, 28713), (319, 28833), (328, 28905), (341, 29007), (351, 29133), (356, 29178), (368, 29277), (405, 29463),

Gene: Mudpuppy_36 Start: 26477, Stop: 28969, Start Num: 54
Candidate Starts for Mudpuppy_36:
(Start: 54 @26477 has 93 MA's), (66, 26588), (67, 26606), (74, 26669), (76, 26687), (90, 26756), (114, 26846), (145, 27002), (156, 27086), (158, 27092), (168, 27188), (171, 27209), (176, 27233), (178, 27278), (186, 27317), (190, 27338), (229, 27560), (270, 27764), (302, 28010), (325, 28229), (328, 28259), (335, 28316), (339, 28355), (356, 28532), (383, 28676), (403, 28796), (423, 28898),

Gene: Mysterium_36 Start: 24895, Stop: 27420, Start Num: 52
Candidate Starts for Mysterium_36:
(Start: 52 @24895 has 19 MA's), (60, 24934), (67, 25027), (68, 25033), (70, 25066), (74, 25090), (145, 25426), (168, 25609), (171, 25630), (175, 25651), (178, 25699), (200, 25840), (270, 26191), (282, 26269), (283, 26281), (290, 26332), (298, 26404), (312, 26527), (318, 26569), (328, 26686), (329, 26698), (332, 26725), (335, 26743), (340, 26785), (346, 26845), (370, 27067), (384, 27103),

Gene: Nesbitt_40 Start: 26930, Stop: 29377, Start Num: 54
Candidate Starts for Nesbitt_40:
(7, 26480), (11, 26609), (21, 26771), (Start: 54 @26930 has 93 MA's), (67, 27062), (72, 27113), (84, 27185), (93, 27224), (108, 27290), (110, 27296), (112, 27308), (118, 27344), (133, 27386), (138, 27425), (146, 27494), (152, 27539), (158, 27575), (159, 27608), (170, 27680), (176, 27713), (187, 27800), (210, 27944), (214, 27950), (222, 27992), (239, 28067), (247, 28118), (264, 28178), (265, 28193), (269, 28241), (271, 28265), (276, 28292), (277, 28298), (284, 28355), (287, 28376), (289, 28400), (293, 28421), (305, 28520), (309, 28565), (315, 28622), (325, 28727), (328, 28757), (333, 28799), (335, 28814), (340, 28856), (347, 28922), (354, 29018), (356, 29030), (373, 29135), (396, 29261), (411, 29324), (413, 29339),

Gene: Nicky22_42 Start: 27571, Stop: 30036, Start Num: 41
Candidate Starts for Nicky22_42:
(Start: 41 @27571 has 84 MA's), (65, 27721), (66, 27727), (70, 27787), (71, 27790), (76, 27829), (144, 28126), (170, 28330), (171, 28339), (176, 28363), (187, 28450), (188, 28456), (283, 28948), (284, 28951), (300, 29092), (302, 29104), (307, 29152), (319, 29281), (328, 29353), (341, 29455), (351, 29581), (356, 29626), (368, 29725), (405, 29911),

Gene: Niobe_37 Start: 27578, Stop: 30067, Start Num: 54
Candidate Starts for Niobe_37:
(21, 27425), (Start: 54 @27578 has 93 MA's), (67, 27707), (74, 27770), (76, 27788), (103, 27899), (136, 28031), (169, 28292), (171, 28310), (178, 28379), (185, 28412), (186, 28418), (270, 28865), (302, 29111), (325, 29330), (328, 29360), (335, 29417), (339, 29456), (346, 29519), (356, 29633), (360, 29669), (386, 29795),

Gene: Nitro_38 Start: 27372, Stop: 29885, Start Num: 54
Candidate Starts for Nitro_38:

(Start: 54 @27372 has 93 MA's), (66, 27483), (67, 27501), (74, 27564), (76, 27582), (145, 27897), (171, 28104), (186, 28212), (190, 28233), (270, 28668), (284, 28761), (302, 28914), (325, 29133), (328, 29163), (335, 29220), (338, 29256), (339, 29259), (346, 29322), (351, 29391), (356, 29436), (357, 29451), (360, 29472), (383, 29580), (405, 29709), (423, 29811),

Gene: ObiToo_43 Start: 27542, Stop: 30019, Start Num: 54
Candidate Starts for ObiToo_43:
(Start: 54 @27542 has 93 MA's), (66, 27653), (67, 27671), (74, 27734), (76, 27752), (145, 28052), (151, 28100), (158, 28142), (168, 28238), (171, 28259), (190, 28388), (270, 28814), (279, 28856), (284, 28907), (292, 28967), (302, 29060), (325, 29279), (328, 29309), (335, 29366), (346, 29468), (356, 29582), (383, 29726), (397, 29828), (414, 29894), (433, 29987),

Gene: Olliecat_38 Start: 25636, Stop: 28113, Start Num: 41
Candidate Starts for Olliecat_38:
(Start: 41 @25636 has 84 MA's), (43, 25648), (55, 25693), (59, 25720), (65, 25792), (67, 25819), (71, 25861), (74, 25882), (76, 25900), (125, 26101), (144, 26197), (148, 26224), (156, 26290), (157, 26293), (158, 26296), (159, 26329), (173, 26425), (176, 26434), (183, 26506), (188, 26527), (194, 26593), (196, 26602), (200, 26620), (224, 26722), (237, 26773), (268, 26902), (283, 27019), (284, 27022), (298, 27142), (300, 27163), (302, 27175), (304, 27184), (305, 27187), (309, 27232), (314, 27277), (328, 27424), (341, 27526), (351, 27652), (352, 27670), (354, 27685), (359, 27718), (367, 27781), (385, 27871), (396, 27940), (405, 27982),

Gene: Origami_42 Start: 27525, Stop: 30011, Start Num: 54
Candidate Starts for Origami_42:
(Start: 54 @27525 has 93 MA's), (74, 27717), (76, 27735), (90, 27804), (107, 27846), (112, 27861), (151, 28077), (168, 28215), (171, 28236), (172, 28239), (176, 28260), (188, 28353), (194, 28419), (257, 28698), (270, 28791), (274, 28803), (302, 29037), (324, 29253), (328, 29286), (335, 29343), (351, 29514), (369, 29661), (418, 29913),

Gene: PandaPo_37 Start: 24882, Stop: 27395, Start Num: 54
Candidate Starts for PandaPo_37:
(42, 24831), (Start: 54 @24882 has 93 MA's), (68, 25017), (74, 25074), (76, 25092), (117, 25266), (169, 25596), (171, 25614), (175, 25635), (186, 25722), (190, 25743), (270, 26178), (275, 26199), (302, 26424), (325, 26643), (328, 26673), (335, 26730), (338, 26766), (346, 26832), (356, 26946), (357, 26961), (360, 26982), (370, 27054), (383, 27090), (423, 27321),

Gene: PastaFagioli_41 Start: 27351, Stop: 29855, Start Num: 41
Candidate Starts for PastaFagioli_41:
(Start: 41 @27351 has 84 MA's), (67, 27528), (71, 27570), (76, 27609), (139, 27861), (170, 28110), (171, 28119), (176, 28143), (187, 28230), (188, 28236), (208, 28350), (242, 28503), (284, 28731), (300, 28872), (302, 28884), (324, 29100), (328, 29133), (341, 29235), (351, 29361), (356, 29406), (367, 29490), (368, 29505), (376, 29538), (384, 29574), (441, 29850),

Gene: Pecas_42 Start: 27323, Stop: 29788, Start Num: 41
Candidate Starts for Pecas_42:
(Start: 41 @27323 has 84 MA's), (65, 27473), (66, 27479), (70, 27539), (71, 27542), (76, 27581), (125, 27782), (144, 27878), (171, 28091), (176, 28115), (187, 28202), (188, 28208), (283, 28700), (284, 28703), (300, 28844), (302, 28856), (307, 28904), (309, 28913), (319, 29033), (328, 29105), (341, 29207), (351, 29333), (356, 29378), (368, 29477), (405, 29663),

Gene: Percival_47 Start: 29465, Stop: 31969, Start Num: 54
Candidate Starts for Percival_47:

(42, 29414), (47, 29438), (Start: 54 @29465 has 93 MA's), (60, 29501), (65, 29570), (67, 29594), (71, 29636), (74, 29657), (76, 29675), (81, 29705), (94, 29759), (126, 29915), (169, 30203), (176, 30245), (188, 30338), (244, 30635), (246, 30644), (270, 30785), (283, 30875), (292, 30938), (300, 31019), (302, 31031), (325, 31250), (328, 31280), (329, 31292), (331, 31304), (335, 31337), (341, 31382), (348, 31448), (422, 31907),

Gene: PhigPhack_42 Start: 26934, Stop: 29408, Start Num: 41
Candidate Starts for PhigPhack_42:
(Start: 41 @26934 has 84 MA's), (65, 27084), (71, 27153), (76, 27192), (144, 27489), (170, 27693), (171, 27702), (187, 27813), (188, 27819), (198, 27906), (283, 28311), (284, 28314), (300, 28455), (302, 28467), (319, 28644), (324, 28683), (328, 28716), (341, 28818), (351, 28944), (356, 28989), (368, 29088), (376, 29121), (405, 29274), (438, 29388),

Gene: Phisb_42 Start: 27168, Stop: 29633, Start Num: 41
Candidate Starts for Phisb_42:
(Start: 41 @27168 has 84 MA's), (65, 27318), (66, 27324), (70, 27384), (71, 27387), (76, 27426), (125, 27627), (144, 27723), (170, 27927), (171, 27936), (176, 27960), (187, 28047), (188, 28053), (283, 28545), (284, 28548), (300, 28689), (302, 28701), (307, 28749), (309, 28758), (319, 28878), (328, 28950), (341, 29052), (351, 29178), (356, 29223), (368, 29322), (405, 29508),

Gene: Phives_40 Start: 28117, Stop: 30603, Start Num: 54
Candidate Starts for Phives_40:
(Start: 54 @28117 has 93 MA's), (66, 28228), (67, 28246), (74, 28309), (76, 28327), (106, 28447), (136, 28567), (169, 28828), (171, 28846), (178, 28915), (186, 28954), (270, 29401), (302, 29647), (305, 29659), (325, 29866), (328, 29896), (335, 29953), (346, 30055), (356, 30169), (360, 30205), (414, 30481),

Gene: Pixelle_38 Start: 27559, Stop: 30045, Start Num: 54
Candidate Starts for Pixelle_38:
(Start: 54 @27559 has 93 MA's), (66, 27670), (67, 27688), (74, 27751), (76, 27769), (136, 28012), (168, 28270), (171, 28291), (178, 28360), (185, 28393), (270, 28846), (279, 28888), (302, 29092), (325, 29311), (328, 29341), (335, 29398), (339, 29437), (346, 29500), (356, 29614),

Gene: PondAmelia_43 Start: 27976, Stop: 30453, Start Num: 41
Candidate Starts for PondAmelia_43:
(Start: 41 @27976 has 84 MA's), (71, 28195), (76, 28234), (125, 28435), (143, 28522), (144, 28531), (161, 28669), (170, 28735), (171, 28744), (173, 28759), (176, 28768), (187, 28855), (188, 28861), (200, 28954), (242, 29128), (283, 29353), (284, 29356), (300, 29497), (302, 29509), (328, 29758), (331, 29782), (341, 29860), (351, 29986), (352, 30004), (356, 30031), (367, 30115), (368, 30130), (404, 30313), (405, 30316), (420, 30373), (438, 30433),

Gene: Powerpuff_40 Start: 27814, Stop: 30306, Start Num: 54
Candidate Starts for Powerpuff_40:
(Start: 54 @27814 has 93 MA's), (66, 27925), (67, 27943), (74, 28006), (76, 28024), (136, 28267), (156, 28423), (158, 28429), (171, 28546), (178, 28615), (186, 28654), (200, 28756), (270, 29101), (283, 29191), (302, 29347), (325, 29566), (328, 29596), (335, 29653), (339, 29692), (346, 29755), (356, 29869), (383, 30013), (403, 30133), (423, 30235),

Gene: Pumpkins_37 Start: 26872, Stop: 29361, Start Num: 54
Candidate Starts for Pumpkins_37:
(Start: 54 @26872 has 93 MA's), (66, 26983), (67, 27001), (74, 27064), (76, 27082), (112, 27229), (140, 27352), (151, 27445), (170, 27595), (171, 27604), (175, 27625), (176, 27628), (186, 27712), (244, 28018), (270, 28159), (302, 28405), (322, 28603), (325, 28624), (328, 28654), (335, 28711),

(403, 29191), (423, 29293),

Gene: QMacho_44 Start: 27806, Stop: 30271, Start Num: 41
Candidate Starts for QMacho_44:
(Start: 41 @27806 has 84 MA's), (65, 27956), (66, 27962), (70, 28022), (71, 28025), (76, 28064), (125, 28265), (144, 28361), (171, 28574), (176, 28598), (187, 28685), (188, 28691), (283, 29183), (284, 29186), (300, 29327), (302, 29339), (307, 29387), (309, 29396), (319, 29516), (328, 29588), (341, 29690), (351, 29816), (356, 29861), (368, 29960), (405, 30146),

Gene: Quenya_40 Start: 27220, Stop: 29703, Start Num: 41
Candidate Starts for Quenya_40:
(33, 27178), (Start: 41 @27220 has 84 MA's), (67, 27391), (71, 27433), (73, 27448), (76, 27472), (125, 27673), (166, 27946), (170, 27973), (171, 27982), (183, 28078), (188, 28099), (200, 28192), (235, 28339), (243, 28384), (268, 28474), (284, 28594), (295, 28696), (300, 28735), (302, 28747), (307, 28795), (309, 28804), (319, 28924), (328, 28996), (341, 29098), (351, 29224), (354, 29257), (356, 29269), (363, 29317), (379, 29413), (390, 29470), (396, 29512), (405, 29554), (422, 29617), (438, 29683),

Gene: Reedo_37 Start: 24946, Stop: 27432, Start Num: 54
Candidate Starts for Reedo_37:
(26, 24814), (46, 24907), (Start: 54 @24946 has 93 MA's), (68, 25081), (74, 25138), (76, 25156), (136, 25396), (143, 25450), (171, 25675), (178, 25744), (186, 25783), (268, 26203), (270, 26230), (279, 26272), (292, 26383), (302, 26476), (325, 26695), (328, 26725), (335, 26782), (346, 26884), (383, 27142), (396, 27229), (403, 27262), (423, 27361),

Gene: RemusLoopin_33 Start: 24371, Stop: 26932, Start Num: 54
Candidate Starts for RemusLoopin_33:
(Start: 54 @24371 has 93 MA's), (60, 24407), (85, 24629), (91, 24659), (115, 24776), (118, 24785), (142, 24920), (152, 25007), (158, 25043), (194, 25346), (197, 25358), (201, 25376), (203, 25379), (213, 25421), (219, 25448), (232, 25523), (264, 25652), (269, 25706), (271, 25730), (275, 25748), (276, 25757), (277, 25763), (283, 25817), (289, 25865), (301, 25964), (302, 25973), (325, 26192), (328, 26222), (329, 26234), (330, 26237), (333, 26264), (340, 26321), (348, 26390), (353, 26471), (354, 26483), (359, 26516), (372, 26615), (374, 26621), (380, 26639), (381, 26642), (385, 26672), (396, 26741), (397, 26756), (401, 26771), (407, 26789), (410, 26798), (411, 26804), (421, 26885),

Gene: RockScotty_36 Start: 24893, Stop: 27418, Start Num: 52
Candidate Starts for RockScotty_36:
(Start: 52 @24893 has 19 MA's), (60, 24932), (67, 25025), (68, 25031), (70, 25064), (74, 25088), (86, 25151), (145, 25424), (168, 25607), (171, 25628), (175, 25649), (178, 25697), (200, 25838), (270, 26189), (282, 26267), (283, 26279), (290, 26330), (298, 26402), (312, 26525), (318, 26567), (328, 26684), (329, 26696), (332, 26723), (335, 26741), (340, 26783), (346, 26843), (370, 27065), (384, 27101),

Gene: Rollins_39 Start: 25056, Stop: 27527, Start Num: 41
Candidate Starts for Rollins_39:
(Start: 41 @25056 has 84 MA's), (71, 25272), (72, 25281), (76, 25311), (159, 25740), (166, 25785), (170, 25812), (171, 25821), (173, 25836), (187, 25932), (188, 25938), (197, 26016), (283, 26430), (284, 26433), (297, 26547), (302, 26586), (308, 26640), (319, 26763), (324, 26802), (325, 26805), (328, 26835), (331, 26859), (341, 26937), (382, 27261), (405, 27402), (420, 27459), (422, 27465), (433, 27492),

Gene: Rona_39 Start: 27459, Stop: 29915, Start Num: 41
Candidate Starts for Rona_39:

(30, 27405), (33, 27417), (Start: 41 @27459 has 84 MA's), (66, 27609), (71, 27672), (76, 27711), (125, 27912), (171, 28221), (176, 28245), (188, 28338), (200, 28431), (242, 28605), (248, 28641), (268, 28713), (284, 28833), (295, 28935), (300, 28974), (302, 28986), (307, 29034), (309, 29043), (328, 29235), (331, 29259), (341, 29337), (351, 29463), (358, 29523), (363, 29556), (368, 29607), (379, 29652), (390, 29709), (405, 29793), (422, 29856),

Gene: Rowa_40 Start: 27173, Stop: 29611, Start Num: 54
Candidate Starts for Rowa_40:
(Start: 54 @27173 has 93 MA's), (58, 27188), (60, 27209), (85, 27431), (93, 27467), (112, 27548), (124, 27599), (135, 27650), (142, 27692), (161, 27854), (162, 27866), (163, 27869), (164, 27872), (166, 27893), (169, 27911), (189, 28055), (201, 28148), (218, 28217), (219, 28220), (232, 28295), (238, 28310), (244, 28352), (258, 28403), (264, 28424), (265, 28439), (269, 28478), (270, 28499), (271, 28502), (277, 28535), (280, 28568), (284, 28592), (289, 28637), (290, 28640), (302, 28745), (309, 28802), (310, 28805), (324, 28961), (325, 28964), (328, 28994), (329, 29006), (331, 29018), (332, 29033), (340, 29093), (347, 29159), (351, 29222), (356, 29267), (372, 29369), (381, 29396), (391, 29465), (396, 29495), (400, 29519), (405, 29537),

Gene: Sabourin_36 Start: 24783, Stop: 27311, Start Num: 52
Candidate Starts for Sabourin_36:
(Start: 52 @24783 has 19 MA's), (67, 24915), (68, 24921), (70, 24954), (74, 24978), (76, 24996), (104, 25110), (145, 25314), (168, 25497), (171, 25518), (175, 25539), (178, 25587), (200, 25728), (270, 26079), (275, 26100), (282, 26157), (283, 26169), (290, 26220), (312, 26415), (328, 26574), (329, 26586), (332, 26613), (335, 26631), (340, 26673), (346, 26733), (369, 26949), (370, 26955), (384, 26991), (417, 27204),

Gene: Samora_33 Start: 23879, Stop: 26296, Start Num: 54
Candidate Starts for Samora_33:
(Start: 54 @23879 has 93 MA's), (56, 23888), (62, 23948), (67, 24011), (84, 24134), (88, 24152), (92, 24167), (131, 24305), (135, 24341), (140, 24371), (152, 24470), (159, 24539), (166, 24584), (169, 24602), (176, 24644), (180, 24701), (185, 24722), (201, 24827), (219, 24899), (225, 24944), (232, 24977), (244, 25034), (247, 25046), (250, 25058), (252, 25067), (258, 25085), (264, 25106), (269, 25160), (275, 25202), (276, 25211), (277, 25217), (281, 25253), (289, 25319), (291, 25328), (302, 25427), (309, 25484), (312, 25517), (325, 25649), (328, 25679), (346, 25838), (353, 25928), (354, 25940), (366, 26033), (381, 26084), (396, 26183), (397, 26198), (410, 26240),

Gene: Samy_63 Start: 38490, Stop: 40973, Start Num: 54
Candidate Starts for Samy_63:
(Start: 54 @38490 has 93 MA's), (63, 38565), (73, 38679), (96, 38784), (140, 38988), (149, 39057), (152, 39087), (153, 39090), (163, 39177), (169, 39219), (179, 39312), (184, 39336), (185, 39339), (197, 39432), (201, 39450), (209, 39480), (220, 39540), (227, 39579), (236, 39609), (241, 39630), (245, 39660), (255, 39699), (261, 39720), (275, 39825), (289, 39942), (302, 40050), (320, 40242), (324, 40269), (331, 40326), (333, 40344), (334, 40356), (336, 40383), (346, 40461), (348, 40470), (377, 40713), (388, 40773), (393, 40797), (394, 40803),

Gene: SanaSana_44 Start: 28667, Stop: 31141, Start Num: 41
Candidate Starts for SanaSana_44:
(Start: 41 @28667 has 84 MA's), (70, 28883), (71, 28886), (76, 28925), (125, 29126), (144, 29222), (170, 29426), (171, 29435), (173, 29450), (176, 29459), (187, 29546), (188, 29552), (200, 29645), (242, 29819), (283, 30044), (284, 30047), (300, 30188), (302, 30200), (305, 30212), (309, 30257), (328, 30449), (331, 30473), (341, 30551), (351, 30677), (352, 30695), (356, 30722), (368, 30821), (404, 31004), (405, 31007), (420, 31064), (438, 31121),

Gene: SansAfet_42 Start: 27021, Stop: 29495, Start Num: 41

Candidate Starts for SansAfet_42:
(Start: 41 @27021 has 84 MA's), (65, 27171), (70, 27237), (71, 27240), (76, 27279), (137, 27516), (144, 27576), (170, 27780), (171, 27789), (187, 27900), (188, 27906), (198, 27993), (283, 28398), (284, 28401), (300, 28542), (302, 28554), (319, 28731), (324, 28770), (328, 28803), (341, 28905), (351, 29031), (356, 29076), (368, 29175), (405, 29361), (438, 29475),

Gene: SarBear_41 Start: 26816, Stop: 29281, Start Num: 41
Candidate Starts for SarBear_41:
(Start: 41 @26816 has 84 MA's), (65, 26966), (66, 26972), (71, 27035), (76, 27074), (125, 27275), (144, 27371), (170, 27575), (171, 27584), (176, 27608), (187, 27695), (188, 27701), (283, 28193), (284, 28196), (300, 28337), (302, 28349), (307, 28397), (309, 28406), (319, 28526), (328, 28598), (341, 28700), (351, 28826), (356, 28871), (368, 28970), (405, 29156),

Gene: Schaffner_38 Start: 27101, Stop: 29602, Start Num: 54
Candidate Starts for Schaffner_38:
(Start: 54 @27101 has 93 MA's), (66, 27212), (68, 27236), (74, 27293), (76, 27311), (101, 27422), (112, 27467), (158, 27725), (171, 27842), (175, 27863), (270, 28397), (279, 28439), (284, 28490), (292, 28550), (302, 28643), (325, 28862), (328, 28892), (335, 28949), (356, 29165), (397, 29411), (414, 29477),

Gene: Sebastisaurus_33 Start: 24165, Stop: 26657, Start Num: 54
Candidate Starts for Sebastisaurus_33:
(Start: 54 @24165 has 93 MA's), (60, 24201), (80, 24399), (85, 24423), (91, 24453), (115, 24570), (118, 24579), (121, 24594), (142, 24720), (152, 24807), (158, 24843), (194, 25146), (197, 25158), (201, 25176), (203, 25179), (212, 25218), (213, 25221), (219, 25248), (232, 25323), (247, 25392), (264, 25452), (265, 25467), (266, 25470), (269, 25506), (271, 25530), (275, 25548), (276, 25557), (277, 25563), (286, 25638), (289, 25665), (301, 25764), (302, 25773), (325, 25992), (328, 26022), (330, 26037), (333, 26064), (340, 26121), (348, 26190), (353, 26271), (354, 26283), (380, 26439), (381, 26442), (396, 26541), (397, 26556), (401, 26571), (407, 26589),

Gene: ShakeItOph_42 Start: 27490, Stop: 30000, Start Num: 54
Candidate Starts for ShakeItOph_42:
(20, 27337), (28, 27364), (Start: 54 @27490 has 93 MA's), (67, 27619), (74, 27682), (76, 27700), (117, 27871), (151, 28060), (160, 28138), (175, 28240), (181, 28303), (183, 28315), (270, 28783), (298, 28996), (302, 29029), (324, 29245), (328, 29278), (335, 29335), (346, 29437), (362, 29593), (369, 29653),

Gene: Sharkboy_40 Start: 27558, Stop: 30014, Start Num: 41
Candidate Starts for Sharkboy_40:
(Start: 41 @27558 has 84 MA's), (66, 27708), (71, 27771), (76, 27810), (125, 28011), (171, 28320), (176, 28344), (188, 28437), (200, 28530), (242, 28704), (248, 28740), (268, 28812), (284, 28932), (295, 29034), (300, 29073), (302, 29085), (307, 29133), (309, 29142), (328, 29334), (331, 29358), (339, 29430), (341, 29436), (351, 29562), (363, 29655), (368, 29706), (379, 29751), (390, 29808), (405, 29892), (422, 29955),

Gene: Shawty_31 Start: 23762, Stop: 26218, Start Num: 54
Candidate Starts for Shawty_31:
(Start: 54 @23762 has 93 MA's), (75, 23966), (80, 23996), (85, 24020), (91, 24050), (111, 24122), (135, 24242), (152, 24371), (170, 24512), (174, 24539), (180, 24602), (185, 24623), (195, 24725), (197, 24731), (219, 24821), (232, 24896), (247, 24965), (250, 24977), (258, 25004), (264, 25025), (269, 25079), (271, 25103), (276, 25130), (289, 25238), (300, 25334), (302, 25346), (309, 25403), (315, 25460), (325, 25568), (328, 25598), (329, 25610), (331, 25622), (335, 25655), (346, 25757), (380, 26000), (381, 26003), (391, 26072), (396, 26102), (410, 26159), (411, 26165),

Gene: Shayna_41 Start: 26390, Stop: 28852, Start Num: 41
Candidate Starts for Shayna_41:
(Start: 41 @26390 has 84 MA's), (Start: 54 @26435 has 93 MA's), (65, 26540), (71, 26609), (76, 26648), (136, 26882), (161, 27083), (171, 27158), (176, 27182), (183, 27254), (187, 27269), (188, 27275), (224, 27470), (235, 27515), (300, 27911), (302, 27923), (309, 27980), (324, 28139), (328, 28172), (341, 28274), (351, 28400), (363, 28493), (405, 28730), (428, 28808),

Gene: Simpson_40 Start: 26730, Stop: 29222, Start Num: 54
Candidate Starts for Simpson_40:
(Start: 54 @26730 has 93 MA's), (66, 26841), (67, 26859), (74, 26922), (76, 26940), (136, 27183), (145, 27255), (156, 27339), (158, 27345), (171, 27462), (178, 27531), (186, 27570), (200, 27672), (270, 28017), (283, 28107), (302, 28263), (325, 28482), (328, 28512), (335, 28569), (339, 28608), (346, 28671), (356, 28785), (383, 28929), (403, 29049),

Gene: SirBeanington_41 Start: 27330, Stop: 29795, Start Num: 41
Candidate Starts for SirBeanington_41:
(Start: 41 @27330 has 84 MA's), (65, 27480), (70, 27546), (71, 27549), (76, 27588), (144, 27885), (170, 28089), (171, 28098), (187, 28209), (188, 28215), (283, 28707), (284, 28710), (300, 28851), (302, 28863), (307, 28911), (309, 28920), (319, 29040), (328, 29112), (341, 29214), (351, 29340), (356, 29385), (368, 29484), (376, 29517), (405, 29670), (420, 29727),

Gene: Skelbel_38 Start: 27578, Stop: 30067, Start Num: 54
Candidate Starts for Skelbel_38:
(21, 27425), (Start: 54 @27578 has 93 MA's), (67, 27707), (74, 27770), (76, 27788), (103, 27899), (136, 28031), (169, 28292), (171, 28310), (178, 28379), (185, 28412), (186, 28418), (270, 28865), (302, 29111), (325, 29330), (328, 29360), (335, 29417), (339, 29456), (346, 29519), (356, 29633), (360, 29669), (386, 29795),

Gene: Skylord_39 Start: 24987, Stop: 27458, Start Num: 41
Candidate Starts for Skylord_39:
(Start: 41 @24987 has 84 MA's), (71, 25203), (72, 25212), (76, 25242), (159, 25671), (166, 25716), (170, 25743), (171, 25752), (173, 25767), (187, 25863), (188, 25869), (197, 25947), (283, 26361), (284, 26364), (297, 26478), (302, 26517), (308, 26571), (319, 26694), (324, 26733), (325, 26736), (328, 26766), (331, 26790), (341, 26868), (382, 27192), (405, 27333), (420, 27390), (422, 27396), (433, 27423),

Gene: Slay_42 Start: 27544, Stop: 30009, Start Num: 41
Candidate Starts for Slay_42:
(Start: 41 @27544 has 84 MA's), (65, 27694), (66, 27700), (70, 27760), (71, 27763), (76, 27802), (125, 28003), (144, 28099), (170, 28303), (171, 28312), (176, 28336), (187, 28423), (188, 28429), (275, 28852), (283, 28921), (300, 29065), (302, 29077), (307, 29125), (309, 29134), (319, 29254), (328, 29326), (341, 29428), (351, 29554), (356, 29599), (368, 29698), (405, 29884),

Gene: Snek_37 Start: 25209, Stop: 27740, Start Num: 54
Candidate Starts for Snek_37:
(Start: 54 @25209 has 93 MA's), (67, 25338), (68, 25344), (74, 25401), (76, 25419), (168, 25953), (171, 25974), (173, 25989), (185, 26076), (186, 26082), (205, 26205), (270, 26529), (284, 26622), (302, 26775), (325, 26994), (328, 27024), (335, 27081), (339, 27120), (346, 27183), (354, 27285), (362, 27339), (389, 27483), (403, 27561), (426, 27678),

Gene: Softsoap_41 Start: 26932, Stop: 29406, Start Num: 41
Candidate Starts for Softsoap_41:

(Start: 41 @26932 has 84 MA's), (65, 27082), (70, 27148), (71, 27151), (76, 27190), (137, 27427), (144, 27487), (171, 27700), (187, 27811), (188, 27817), (198, 27904), (283, 28309), (284, 28312), (300, 28453), (302, 28465), (324, 28681), (328, 28714), (341, 28816), (351, 28942), (356, 28987), (368, 29086), (376, 29119), (405, 29272), (438, 29386),

Gene: Solea_42 Start: 26916, Stop: 29390, Start Num: 41
Candidate Starts for Solea_42:
(Start: 41 @26916 has 84 MA's), (65, 27066), (70, 27132), (71, 27135), (76, 27174), (137, 27411), (144, 27471), (170, 27675), (171, 27684), (187, 27795), (188, 27801), (283, 28293), (284, 28296), (300, 28437), (302, 28449), (324, 28665), (328, 28698), (341, 28800), (351, 28926), (356, 28971), (368, 29070), (376, 29103), (405, 29256), (438, 29370),

Gene: Soondubu_35 Start: 28160, Stop: 30655, Start Num: 54
Candidate Starts for Soondubu_35:
(Start: 54 @28160 has 93 MA's), (68, 28295), (74, 28352), (76, 28370), (94, 28454), (136, 28607), (157, 28766), (171, 28886), (177, 28952), (242, 29279), (260, 29351), (270, 29441), (275, 29462), (284, 29534), (289, 29579), (302, 29687), (309, 29744), (324, 29903), (328, 29936), (335, 29993), (338, 30029), (346, 30095), (354, 30197), (356, 30209), (378, 30341), (389, 30395), (414, 30521),

Gene: Sooty_36 Start: 24798, Stop: 27326, Start Num: 52
Candidate Starts for Sooty_36:
(Start: 52 @24798 has 19 MA's), (66, 24912), (67, 24930), (68, 24936), (70, 24969), (74, 24993), (76, 25011), (104, 25125), (145, 25329), (168, 25512), (171, 25533), (175, 25554), (178, 25602), (200, 25743), (270, 26094), (275, 26115), (282, 26172), (283, 26184), (290, 26235), (312, 26430), (328, 26589), (329, 26601), (332, 26628), (335, 26646), (340, 26688), (346, 26748), (369, 26964), (370, 26970), (384, 27006), (417, 27219),

Gene: SpecialK_36 Start: 24784, Stop: 27309, Start Num: 52
Candidate Starts for SpecialK_36:
(16, 24583), (39, 24709), (Start: 52 @24784 has 19 MA's), (60, 24823), (67, 24916), (68, 24922), (70, 24955), (74, 24979), (86, 25042), (145, 25315), (168, 25498), (171, 25519), (175, 25540), (178, 25588), (200, 25729), (270, 26080), (282, 26158), (283, 26170), (290, 26221), (298, 26293), (312, 26416), (318, 26458), (328, 26575), (329, 26587), (331, 26599), (332, 26614), (335, 26632), (340, 26674), (346, 26734), (370, 26956), (384, 26992),

Gene: Squircle_38 Start: 25635, Stop: 28112, Start Num: 41
Candidate Starts for Squircle_38:
(Start: 41 @25635 has 84 MA's), (43, 25647), (55, 25692), (59, 25719), (65, 25791), (67, 25818), (71, 25860), (74, 25881), (76, 25899), (125, 26100), (144, 26196), (148, 26223), (156, 26289), (157, 26292), (158, 26295), (159, 26328), (173, 26424), (176, 26433), (183, 26505), (188, 26526), (194, 26592), (196, 26601), (200, 26619), (224, 26721), (237, 26772), (268, 26901), (283, 27018), (284, 27021), (298, 27141), (300, 27162), (302, 27174), (304, 27183), (305, 27186), (309, 27231), (314, 27276), (328, 27423), (341, 27525), (351, 27651), (352, 27669), (354, 27684), (359, 27717), (367, 27780), (385, 27870), (396, 27939), (405, 27981),

Gene: Stoor_42 Start: 28336, Stop: 30810, Start Num: 41
Candidate Starts for Stoor_42:
(Start: 41 @28336 has 84 MA's), (70, 28552), (71, 28555), (76, 28594), (125, 28795), (137, 28831), (144, 28891), (170, 29095), (171, 29104), (173, 29119), (176, 29128), (187, 29215), (188, 29221), (200, 29314), (242, 29488), (283, 29713), (284, 29716), (300, 29857), (302, 29869), (305, 29881), (309, 29926), (328, 30118), (331, 30142), (341, 30220), (351, 30346), (352, 30364), (356, 30391), (368, 30490), (404, 30673), (405, 30676), (420, 30733), (438, 30790),

Gene: Stromboli_42 Start: 28198, Stop: 30672, Start Num: 41
Candidate Starts for Stromboli_42:
(Start: 41 @28198 has 84 MA's), (70, 28414), (71, 28417), (76, 28456), (125, 28657), (137, 28693), (144, 28753), (170, 28957), (171, 28966), (173, 28981), (176, 28990), (187, 29077), (188, 29083), (200, 29176), (242, 29350), (283, 29575), (284, 29578), (295, 29680), (300, 29719), (302, 29731), (309, 29788), (328, 29980), (341, 30082), (351, 30208), (352, 30226), (356, 30253), (368, 30352), (404, 30535), (405, 30538), (420, 30595), (438, 30652),

Gene: Stuu_36 Start: 24895, Stop: 27420, Start Num: 52
Candidate Starts for Stuu_36:
(Start: 52 @24895 has 19 MA's), (60, 24934), (67, 25027), (68, 25033), (70, 25066), (74, 25090), (86, 25153), (145, 25426), (168, 25609), (171, 25630), (175, 25651), (178, 25699), (200, 25840), (270, 26191), (276, 26221), (282, 26269), (283, 26281), (290, 26332), (298, 26404), (312, 26527), (318, 26569), (328, 26686), (329, 26698), (332, 26725), (335, 26743), (340, 26785), (346, 26845), (370, 27067), (384, 27103),

Gene: SuMoo_47 Start: 28874, Stop: 31381, Start Num: 54
Candidate Starts for SuMoo_47:
(Start: 54 @28874 has 93 MA's), (69, 29024), (74, 29066), (76, 29084), (94, 29165), (126, 29321), (169, 29609), (188, 29744), (235, 29993), (270, 30191), (293, 30350), (300, 30425), (302, 30437), (325, 30656), (328, 30686), (329, 30698), (335, 30743), (406, 31238), (422, 31316),

Gene: Subaru_37 Start: 27593, Stop: 30082, Start Num: 54
Candidate Starts for Subaru_37:
(21, 27440), (Start: 54 @27593 has 93 MA's), (67, 27722), (74, 27785), (76, 27803), (103, 27914), (136, 28046), (169, 28307), (171, 28325), (178, 28394), (185, 28427), (186, 28433), (190, 28454), (270, 28880), (302, 29126), (325, 29345), (328, 29375), (335, 29432), (339, 29471), (346, 29534), (356, 29648), (360, 29684), (386, 29810),

Gene: Sue2_38 Start: 27023, Stop: 29533, Start Num: 52
Candidate Starts for Sue2_38:
(Start: 52 @27023 has 19 MA's), (67, 27155), (74, 27218), (76, 27236), (78, 27251), (145, 27551), (151, 27599), (171, 27758), (175, 27779), (186, 27866), (228, 28100), (270, 28328), (289, 28466), (302, 28574), (325, 28793), (328, 28823), (335, 28880), (346, 28982), (349, 29033), (370, 29204), (383, 29240), (397, 29342),

Gene: SunnyD_41 Start: 26395, Stop: 28857, Start Num: 41
Candidate Starts for SunnyD_41:
(Start: 41 @26395 has 84 MA's), (Start: 54 @26440 has 93 MA's), (65, 26545), (71, 26614), (76, 26653), (136, 26887), (161, 27088), (171, 27163), (176, 27187), (183, 27259), (187, 27274), (188, 27280), (224, 27475), (235, 27520), (300, 27916), (302, 27928), (309, 27985), (324, 28144), (328, 28177), (341, 28279), (351, 28405), (363, 28498), (405, 28735),

Gene: SuperHands_45 Start: 29963, Stop: 32467, Start Num: 54
Candidate Starts for SuperHands_45:
(1, 29393), (4, 29459), (Start: 54 @29963 has 93 MA's), (65, 30068), (71, 30134), (74, 30155), (76, 30173), (81, 30203), (94, 30257), (126, 30413), (137, 30446), (169, 30701), (176, 30743), (188, 30836), (224, 31040), (244, 31133), (246, 31142), (270, 31283), (283, 31373), (292, 31436), (300, 31517), (302, 31529), (308, 31583), (325, 31748), (328, 31778), (329, 31790), (335, 31835), (341, 31880), (348, 31946), (410, 32339), (422, 32405),

Gene: Swervy_42 Start: 27088, Stop: 29553, Start Num: 41
Candidate Starts for Swervy_42:

(Start: 41 @27088 has 84 MA's), (65, 27238), (66, 27244), (70, 27304), (71, 27307), (76, 27346), (125, 27547), (144, 27643), (170, 27847), (171, 27856), (176, 27880), (187, 27967), (188, 27973), (283, 28465), (284, 28468), (300, 28609), (302, 28621), (307, 28669), (309, 28678), (319, 28798), (328, 28870), (341, 28972), (351, 29098), (356, 29143), (368, 29242), (405, 29428),

Gene: TG1_30 Start: 23323, Stop: 25728, Start Num: 54
Candidate Starts for TG1_30:
(38, 23245), (Start: 54 @23323 has 93 MA's), (62, 23392), (71, 23497), (76, 23536), (80, 23557), (88, 23596), (92, 23611), (127, 23719), (132, 23737), (137, 23773), (140, 23797), (152, 23896), (159, 23965), (168, 24025), (170, 24037), (176, 24070), (188, 24163), (201, 24259), (213, 24304), (218, 24328), (219, 24331), (226, 24379), (232, 24406), (247, 24475), (250, 24487), (264, 24535), (265, 24550), (269, 24589), (271, 24613), (275, 24631), (276, 24640), (281, 24682), (283, 24700), (289, 24748), (290, 24751), (300, 24844), (302, 24856), (309, 24913), (325, 25078), (328, 25108), (329, 25120), (341, 25210), (346, 25267), (354, 25369), (376, 25492),

Gene: Tallboi_38 Start: 27745, Stop: 30258, Start Num: 54
Candidate Starts for Tallboi_38:
(Start: 54 @27745 has 93 MA's), (67, 27874), (68, 27880), (74, 27937), (76, 27955), (90, 28024), (136, 28198), (145, 28270), (171, 28477), (178, 28546), (181, 28561), (186, 28585), (190, 28606), (270, 29041), (284, 29134), (302, 29287), (325, 29506), (328, 29536), (335, 29593), (351, 29764), (356, 29809), (357, 29824), (360, 29845), (370, 29917), (383, 29953), (423, 30184),

Gene: Tbone_37 Start: 26525, Stop: 29017, Start Num: 54
Candidate Starts for Tbone_37:
(Start: 54 @26525 has 93 MA's), (66, 26636), (67, 26654), (74, 26717), (76, 26735), (90, 26804), (114, 26894), (145, 27050), (156, 27134), (158, 27140), (168, 27236), (171, 27257), (176, 27281), (178, 27326), (186, 27365), (190, 27386), (270, 27812), (302, 28058), (325, 28277), (328, 28307), (335, 28364), (339, 28403), (356, 28580), (383, 28724), (403, 28844), (423, 28946),

Gene: Teagster_42 Start: 27288, Stop: 29750, Start Num: 41
Candidate Starts for Teagster_42:
(Start: 41 @27288 has 84 MA's), (Start: 54 @27333 has 93 MA's), (65, 27438), (71, 27507), (76, 27546), (136, 27780), (161, 27981), (171, 28056), (176, 28080), (183, 28152), (187, 28167), (188, 28173), (224, 28368), (235, 28413), (244, 28461), (300, 28809), (302, 28821), (309, 28878), (324, 29037), (328, 29070), (341, 29172), (351, 29298), (363, 29391), (405, 29628),

Gene: TforTroy_39 Start: 26738, Stop: 29230, Start Num: 54
Candidate Starts for TforTroy_39:
(Start: 54 @26738 has 93 MA's), (66, 26849), (67, 26867), (74, 26930), (76, 26948), (78, 26963), (140, 27218), (156, 27347), (171, 27470), (175, 27491), (186, 27578), (270, 28025), (283, 28115), (284, 28118), (302, 28271), (322, 28469), (325, 28490), (328, 28520), (335, 28577), (356, 28793), (403, 29057), (423, 29159),

Gene: ThursdayNight_42 Start: 27625, Stop: 30120, Start Num: 54
Candidate Starts for ThursdayNight_42:
(Start: 54 @27625 has 93 MA's), (55, 27631), (71, 27796), (74, 27817), (76, 27835), (82, 27871), (170, 28342), (171, 28351), (175, 28372), (185, 28453), (270, 28906), (289, 29044), (293, 29065), (298, 29119), (312, 29242), (315, 29266), (325, 29371), (328, 29401), (335, 29458), (340, 29500), (346, 29560), (354, 29662), (384, 29818),

Gene: Tian_37 Start: 27537, Stop: 30023, Start Num: 54
Candidate Starts for Tian_37:

(Start: 54 @27537 has 93 MA's), (66, 27648), (67, 27666), (74, 27729), (76, 27747), (145, 28062), (168, 28248), (171, 28269), (178, 28338), (185, 28371), (270, 28824), (302, 29070), (325, 29289), (328, 29319), (335, 29376), (339, 29415), (346, 29478), (356, 29592),

Gene: Tuck_41 Start: 28669, Stop: 31155, Start Num: 54
Candidate Starts for Tuck_41:
(8, 28249), (13, 28393), (15, 28408), (17, 28477), (Start: 54 @28669 has 93 MA's), (66, 28780), (67, 28798), (74, 28861), (76, 28879), (106, 28999), (169, 29380), (171, 29398), (178, 29467), (186, 29506), (270, 29953), (279, 29995), (302, 30199), (325, 30418), (328, 30448), (335, 30505), (346, 30607), (356, 30721), (360, 30757), (414, 31033),

Gene: TukTuk_42 Start: 27096, Stop: 29561, Start Num: 41
Candidate Starts for TukTuk_42:
(Start: 41 @27096 has 84 MA's), (65, 27246), (66, 27252), (70, 27312), (71, 27315), (76, 27354), (125, 27555), (144, 27651), (171, 27864), (176, 27888), (187, 27975), (188, 27981), (275, 28404), (283, 28473), (284, 28476), (300, 28617), (302, 28629), (307, 28677), (309, 28686), (319, 28806), (328, 28878), (341, 28980), (351, 29106), (356, 29151), (368, 29250), (405, 29436),

Gene: Turab_35 Start: 26008, Stop: 28521, Start Num: 54
Candidate Starts for Turab_35:
(Start: 54 @26008 has 93 MA's), (68, 26143), (74, 26200), (76, 26218), (171, 26740), (186, 26848), (190, 26869), (256, 27199), (270, 27304), (284, 27397), (302, 27550), (325, 27769), (328, 27799), (335, 27856), (341, 27901), (346, 27958), (351, 28027), (356, 28072), (357, 28087), (360, 28108), (370, 28180), (383, 28216),

Gene: Tutumahutu_38 Start: 26696, Stop: 29188, Start Num: 54
Candidate Starts for Tutumahutu_38:
(Start: 54 @26696 has 93 MA's), (66, 26807), (67, 26825), (74, 26888), (76, 26906), (145, 27221), (156, 27305), (158, 27311), (171, 27428), (178, 27497), (186, 27536), (200, 27638), (270, 27983), (283, 28073), (302, 28229), (325, 28448), (328, 28478), (335, 28535), (339, 28574), (346, 28637), (356, 28751), (383, 28895), (403, 29015), (423, 29117),

Gene: Tweety19_37 Start: 25209, Stop: 27740, Start Num: 54
Candidate Starts for Tweety19_37:
(Start: 54 @25209 has 93 MA's), (67, 25338), (68, 25344), (74, 25401), (76, 25419), (168, 25953), (171, 25974), (173, 25989), (185, 26076), (186, 26082), (205, 26205), (270, 26529), (284, 26622), (302, 26775), (325, 26994), (328, 27024), (335, 27081), (339, 27120), (346, 27183), (354, 27285), (362, 27339), (389, 27483), (403, 27561), (426, 27678),

Gene: UtzChips_44 Start: 27914, Stop: 30424, Start Num: 54
Candidate Starts for UtzChips_44:
(Start: 54 @27914 has 93 MA's), (67, 28043), (69, 28064), (74, 28106), (76, 28124), (94, 28205), (166, 28631), (270, 29231), (292, 29384), (300, 29465), (302, 29477), (325, 29696), (328, 29726), (329, 29738), (335, 29783), (361, 30038), (378, 30134),

Gene: VResidence_38 Start: 26148, Stop: 28664, Start Num: 54
Candidate Starts for VResidence_38:
(44, 26100), (Start: 54 @26148 has 93 MA's), (66, 26259), (68, 26283), (74, 26340), (76, 26358), (136, 26628), (151, 26748), (157, 26787), (171, 26907), (178, 26976), (190, 27036), (270, 27462), (290, 27603), (302, 27708), (305, 27720), (323, 27921), (325, 27927), (328, 27957), (335, 28014), (339, 28053), (341, 28059), (346, 28116), (370, 28338), (397, 28476), (403, 28494), (423, 28596),

Gene: Vash_31 Start: 23128, Stop: 25548, Start Num: 54

Candidate Starts for Vash_31:
(Start: 54 @23128 has 93 MA's), (62, 23197), (84, 23383), (89, 23404), (92, 23416), (119, 23512), (135, 23593), (140, 23623), (158, 23758), (159, 23791), (169, 23854), (170, 23863), (174, 23890), (176, 23896), (180, 23953), (185, 23974), (191, 24004), (219, 24151), (226, 24199), (232, 24226), (244, 24283), (247, 24295), (250, 24307), (258, 24334), (264, 24355), (269, 24409), (271, 24433), (275, 24451), (276, 24460), (277, 24466), (281, 24502), (289, 24568), (290, 24571), (291, 24577), (312, 24766), (325, 24898), (328, 24928), (340, 25027), (341, 25030), (346, 25087), (353, 25177), (354, 25189), (366, 25282), (372, 25303), (380, 25330), (381, 25333), (396, 25432), (410, 25489),

Gene: Vitas_39 Start: 24969, Stop: 27440, Start Num: 41
Candidate Starts for Vitas_39:
(Start: 41 @24969 has 84 MA's), (71, 25185), (72, 25194), (76, 25224), (159, 25653), (166, 25698), (170, 25725), (171, 25734), (173, 25749), (187, 25845), (188, 25851), (197, 25929), (283, 26343), (284, 26346), (297, 26460), (302, 26499), (308, 26553), (319, 26676), (324, 26715), (325, 26718), (328, 26748), (331, 26772), (341, 26850), (382, 27174), (405, 27315), (420, 27372), (422, 27378), (433, 27405),

Gene: VroomVroom_42 Start: 27635, Stop: 30127, Start Num: 54
Candidate Starts for VroomVroom_42:
(40, 27563), (Start: 54 @27635 has 93 MA's), (67, 27764), (74, 27827), (76, 27845), (137, 28070), (151, 28187), (168, 28322), (176, 28367), (181, 28427), (186, 28451), (188, 28460), (254, 28796), (270, 28907), (274, 28919), (298, 29120), (302, 29153), (305, 29165), (315, 29267), (324, 29369), (328, 29402), (335, 29459), (350, 29627), (362, 29717), (369, 29777),

Gene: WalkingDead_43 Start: 28574, Stop: 31048, Start Num: 41
Candidate Starts for WalkingDead_43:
(Start: 41 @28574 has 84 MA's), (70, 28790), (71, 28793), (76, 28832), (125, 29033), (137, 29069), (144, 29129), (170, 29333), (171, 29342), (173, 29357), (176, 29366), (187, 29453), (188, 29459), (200, 29552), (242, 29726), (283, 29951), (284, 29954), (300, 30095), (302, 30107), (307, 30155), (309, 30164), (319, 30284), (328, 30356), (341, 30458), (351, 30584), (352, 30602), (356, 30629), (404, 30911), (405, 30914), (420, 30971), (438, 31028),

Gene: Warda_38 Start: 26701, Stop: 29193, Start Num: 54
Candidate Starts for Warda_38:
(Start: 54 @26701 has 93 MA's), (66, 26812), (67, 26830), (74, 26893), (76, 26911), (90, 26980), (114, 27070), (145, 27226), (156, 27310), (158, 27316), (168, 27412), (171, 27433), (176, 27457), (178, 27502), (186, 27541), (190, 27562), (270, 27988), (302, 28234), (325, 28453), (328, 28483), (335, 28540), (339, 28579), (356, 28756), (383, 28900), (403, 29020), (423, 29122),

Gene: Wildwest_37 Start: 26141, Stop: 28639, Start Num: 54
Candidate Starts for Wildwest_37:
(19, 25991), (35, 26048), (Start: 54 @26141 has 93 MA's), (67, 26270), (74, 26333), (76, 26351), (90, 26420), (136, 26594), (171, 26873), (178, 26942), (185, 26975), (270, 27437), (275, 27458), (302, 27683), (325, 27902), (328, 27932), (335, 27989), (339, 28028), (346, 28091), (356, 28205),

Gene: Yang_38 Start: 26235, Stop: 28721, Start Num: 54
Candidate Starts for Yang_38:
(Start: 54 @26235 has 93 MA's), (66, 26346), (67, 26364), (74, 26427), (76, 26445), (112, 26592), (156, 26844), (171, 26967), (175, 26988), (270, 27522), (302, 27768), (322, 27966), (325, 27987), (328, 28017), (335, 28074), (355, 28281),

Gene: YesChef_38 Start: 26673, Stop: 29165, Start Num: 54
Candidate Starts for YesChef_38:

(Start: 54 @26673 has 93 MA's), (66, 26784), (67, 26802), (74, 26865), (76, 26883), (136, 27126), (156, 27282), (158, 27288), (171, 27405), (178, 27474), (186, 27513), (200, 27615), (270, 27960), (283, 28050), (302, 28206), (325, 28425), (328, 28455), (335, 28512), (339, 28551), (346, 28614), (356, 28728), (383, 28872), (403, 28992), (423, 29094),

Gene: phiBT1_9a Start: 24587, Stop: 27013, Start Num: 54
Candidate Starts for phiBT1_9a:
(Start: 54 @24587 has 93 MA's), (56, 24596), (62, 24656), (67, 24719), (84, 24842), (88, 24860), (92, 24875), (129, 25013), (132, 25022), (135, 25052), (136, 25055), (137, 25058), (141, 25085), (143, 25109), (159, 25250), (169, 25313), (170, 25322), (176, 25355), (180, 25412), (219, 25616), (232, 25691), (247, 25760), (250, 25772), (252, 25781), (264, 25820), (269, 25874), (271, 25898), (276, 25925), (281, 25967), (283, 25985), (289, 26033), (292, 26048), (300, 26129), (302, 26141), (324, 26360), (325, 26363), (328, 26393), (338, 26486), (354, 26654), (356, 26666), (366, 26747), (380, 26795), (381, 26798), (396, 26897), (397, 26912), (399, 26915), (410, 26954),

Gene: phiSASD1_11 Start: 25621, Stop: 28125, Start Num: 54
Candidate Starts for phiSASD1_11:
(49, 25606), (Start: 54 @25621 has 93 MA's), (55, 25627), (70, 25792), (75, 25825), (76, 25834), (87, 25894), (112, 25999), (137, 26134), (140, 26158), (141, 26161), (143, 26185), (146, 26212), (147, 26218), (150, 26236), (159, 26326), (169, 26389), (191, 26545), (192, 26569), (217, 26671), (221, 26692), (258, 26860), (260, 26869), (262, 26872), (277, 27046), (284, 27103), (295, 27205), (298, 27223), (299, 27235), (300, 27244), (305, 27268), (309, 27313), (312, 27346), (325, 27475), (328, 27505), (340, 27604), (347, 27670), (354, 27766), (356, 27778), (396, 28009),