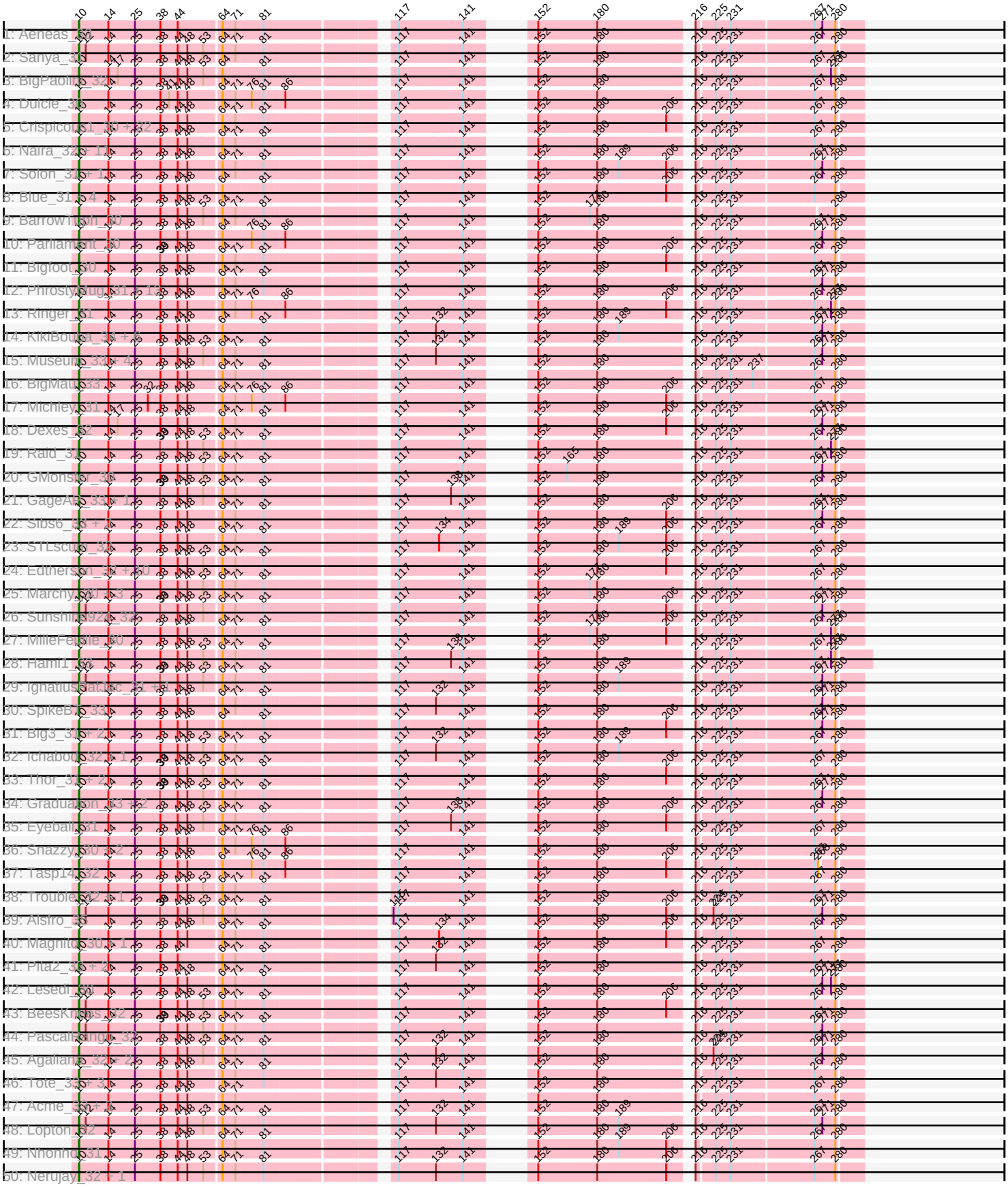
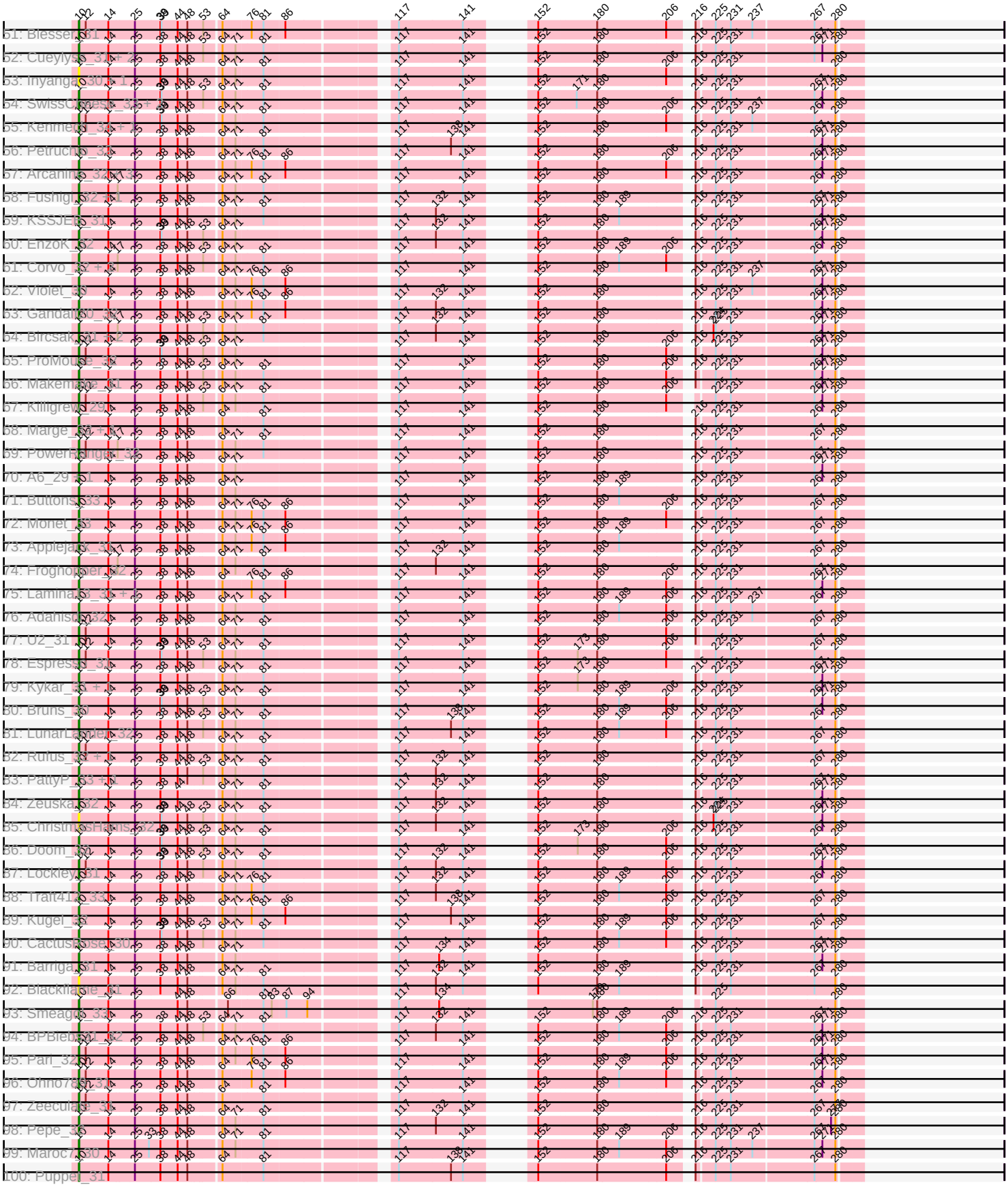
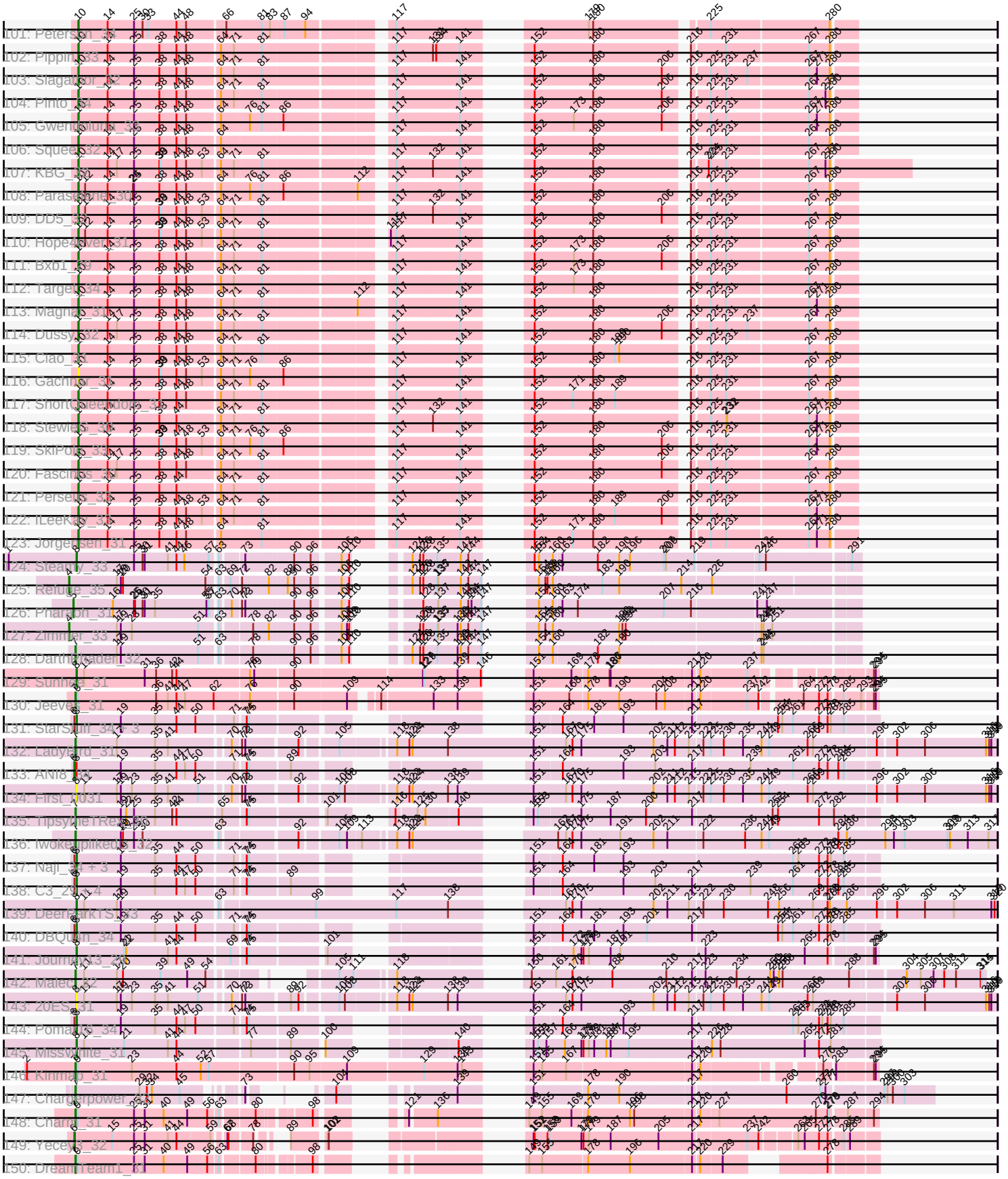
Pham 347154



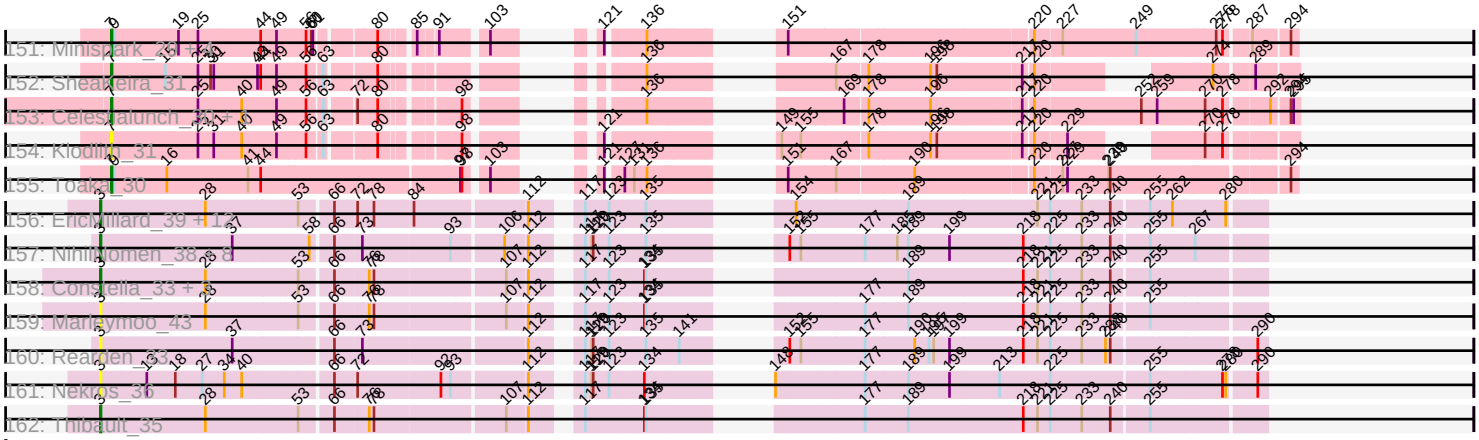
Pham 347154



Pham 347154



Pham 347154


151: Minispark_36
152: Sneakeira_31
153: Celestialunch_30
154: Kloddy_31
155: Toaka_30
156: Enchilliard_39
157: Ninnynomen_38
158: Consuella_33
159: Manilymoo_43
160: Reaglen_33
161: Nekuos_36
162: Thibault_35

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 347154 Report

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

Pham number 347154 has 319 members, 28 are drafts.

Phages represented in each track:
• Track 1 : Aeneas_33
• Track 2 : Sanya_31
• Track 3 : BigPaolini_32
• Track 4 : Dulcie_30
• Track 5 : Crispicous1_30, Manatee_32, Chanagan_30, DreamCatcher_34, QTRlifeCrisis_31, Mkhuseli_32, Watermelon_33, HarryOW_32, TheloniousMonk_33, Jasper_32, DrFeelGood_30, Atkinbua_33, Ruotula_30, CartmannCramer_31, Alvin_32, Dreamboat_32, Ashballer_33, Pelly_32, Euphoria_31, Homines_31, Niza_33, GrecoEtereo_33, Wheeler_31
• Track 6 : Naira_32, Marcell_31, Marsha_31, Switzer_32, LilBib_32, Licorice_33, MPlant7149_30, Bob3_30, JC27_33, Carlyle_33, StrongArm_30, Paphu_30
• Track 7 : Solon_31, Gyzlar_33
• Track 8 : Blue_31, Zephyr_31, Sumter_30, MrGordo_31, Papez_33
• Track 9 : BarrowTuph_30
• Track 10 : Parliament_30
• Track 11 : Bigfoot_30
• Track 12 : PhrostyMug_31, Bethlehem_31, Norz_33, Jerm2_32, Altman_33, Rohr_32, Oogway_30, Rhynn_31, BillKnuckles_32, McSinger_32, HermioneGrange_31, Mule_31, Kanely_32, PinkPlastic_30
• Track 13 : Ringer_31
• Track 14 : KikiBouba_34, GroundGoblin_33, Hermia_34, DirtDevil_33, CatBus_33, Noxious_34, Aldrich_33
• Track 15 : Museum_33, Seabiscuit_33, Petp2012_33, Burton_32, Whitspit_32
• Track 16 : BigMau_33
• Track 17 : Michley_31
• Track 18 : Dexes_32
• Track 19 : Raid_31
• Track 20 : GMonster_30
• Track 21 : GageAP_33, Topgun_31
• Track 22 : Sibs6_33, ConceptII_33, AFIS_31
• Track 23 : STLscum_32
• Track 24 : Edtherson_32, Briton15_33, Mryolo_30, Bones_31, Treddle_33, Wilkins_31, Rutherferd_33, Tripl3t_32, JackSparrow_32, RidgeCB_31, McGuire_32
• Track 25 : Marchy_30, PhineBark_30, Payneful_31, Levia_31
• Track 26 : Sunshine924_32
• Track 27 : MilleFeuille_30
• Track 28 : Hami1_33

- Track 29 : IgnatiusPatJac_31, BluSpix_32
- Track 30 : SpikeBT_33
- Track 31 : Big3_31, Sandaddy_30, Sorpresa_31
- Track 32 : Ichabod_32, Bigchungi_31
- Track 33 : Thor_31, SarFire_31, Smairt_32
- Track 34 : Graduation_33, Beatrix_31, Phlippers_30
- Track 35 : Eyeball_31
- Track 36 : Snazzy_30, Sagefire_32, Arlo_30
- Track 37 : Tasp14_32
- Track 38 : Trouble_32, Fenn_32
- Track 39 : Alsfro_35
- Track 40 : Magnito_30, Turj99_30
- Track 41 : Pita2_33, KyMonks1A_33, PSullivan_33
- Track 42 : Lesedi_30
- Track 43 : BeesKnees_32
- Track 44 : PascalRango_32
- Track 45 : Agaliana_32, PacerPaul_31, Francis47_31
- Track 46 : Tote_33, JuliaChild_33, Molly_32, Swole_33
- Track 47 : Acme_33, Greg_33, Fajezeel_33
- Track 48 : Lopton_32
- Track 49 : Nhonho_31
- Track 50 : Nerujay_32, PherrisBueller_32
- Track 51 : Blesser_31
- Track 52 : Cueylyss_31, Dynamix_32, HanShotFirst_31
- Track 53 : Inyanga_30, Iqorha_30
- Track 54 : SwissCheese_33, Forsytheast_31, Moose_31
- Track 55 : Kenmech_34, Abbyshoes_32
- Track 56 : Petruchio_32
- Track 57 : Arcanine_32, Anglerfish_32, TwoPeat_32, NEHalo_31
- Track 58 : Fushigi_32, Seanderson_32
- Track 59 : KSSJEB_31
- Track 60 : EnzoK_32
- Track 61 : Corvo_32, MaryBeth_31, MetalQZJ_31
- Track 62 : Violet_30
- Track 63 : Gandalf20_32
- Track 64 : Bircsak_31, Gompeii16_31, Ajay_32
- Track 65 : ProMouse_32
- Track 66 : Makemake_31
- Track 67 : Killigrew_29
- Track 68 : Marge_32, Marco3_31
- Track 69 : PowerRanger_32
- Track 70 : A6_29, BK1_29
- Track 71 : Buttons_33
- Track 72 : Monet_33
- Track 73 : Applejack_31
- Track 74 : Froghopper_32
- Track 75 : Lamina13_31, Rubeus_32
- Track 76 : Adahisdi_32
- Track 77 : U2_31
- Track 78 : Espresso_31
- Track 79 : Kykar_31, Teodoridan_29
- Track 80 : Bruns_30
- Track 81 : LunarLander_32

- Track 82 : Rufus_32, Abrogate_320
- Track 83 : PattyP_33, BaconJack_34
- Track 84 : Zeuska_32
- Track 85 : ChristmasHams_32
- Track 86 : Doom_32
- Track 87 : Lockley_31
- Track 88 : Traft412_33
- Track 89 : Kugel_32
- Track 90 : CactusRose_30
- Track 91 : Barriga_31
- Track 92 : Blackflame_31
- Track 93 : Smeagol_33
- Track 94 : BPBiebs31_32
- Track 95 : Pari_32
- Track 96 : Ohno789_31
- Track 97 : Zeeculate_31
- Track 98 : Pepe_32
- Track 99 : Maroc7_30
- Track 100 : Puppet_31
- Track 101 : Peterson_34
- Track 102 : Pippin_33
- Track 103 : Slagathor_32
- Track 104 : Pinto_34
- Track 105 : Gwendoluna_33
- Track 106 : Squee_32
- Track 107 : KBG_32
- Track 108 : Paraselene_30
- Track 109 : DD5_32
- Track 110 : Hope4ever_31
- Track 111 : Bxb1_29
- Track 112 : Target_34
- Track 113 : Magnar_31
- Track 114 : Dussy_32
- Track 115 : Ciao_31
- Track 116 : Gachnar_31
- Track 117 : ShortQueendom_31
- Track 118 : StewieG_30
- Track 119 : SkiPole_33
- Track 120 : Fascinus_30
- Track 121 : Perseus_33
- Track 122 : ILeeKay_33
- Track 123 : Jorgensen_31
- Track 124 : Steamy_33
- Track 125 : Refuge_35
- Track 126 : Pharaoh_31
- Track 127 : Zimmer_33
- Track 128 : DarthPhader_32
- Track 129 : Sunhee_31
- Track 130 : Jeeves_31
- Track 131 : StarStuff_34, Tomathan_34, Duplo_34, Kerberos_34
- Track 132 : LadyBird_31
- Track 133 : ANI8_34
- Track 134 : First_0031

• Track 135 : TipsytheTRex_30
• Track 136 : Iwokeuplikedis_32
• Track 137 : Naji_34, D29_31, D32_34, Travvers_34
• Track 138 : C3_29, AN3_31, AN9_34, VA6_31, VC3_34
• Track 139 : DeerParkTS_33
• Track 140 : DBQu4n_34
• Track 141 : Journey13_29
• Track 142 : Malec_32
• Track 143 : 20ES_31
• Track 144 : Pomar16_34
• Track 145 : MissWhite_31
• Track 146 : Kinmap_31
• Track 147 : Chargerpower_32
• Track 148 : Charm_31
• Track 149 : Yecey3_32
• Track 150 : DreamTeam1_31
• Track 151 : Minispark_29, Rahalelujah_30, WorldCup_29, Bellris_30, CogOmlette_29
• Track 152 : SheaKeira_31
• Track 153 : Celestialunch_30, MegTheThird_31
• Track 154 : Klodlith_31
• Track 155 : Toaka_30
• Track 156 : EricMillard_39, JuicyJay_41, Phoebus_38, Halley_39, Bagrid_38, Kalah2_39, Zelink_40, Klein_39, Redno2_37, HokkenD_34, Beem_39, Dallas_40, ThreeRngTarjay_37
• Track 157 : NihilNomen_38, Dove_36, Odette_38, Hughesyang_37, Yeet_37, Ejimix_39, Schatzie_36, Bombitas_35, Pound_40
• Track 158 : Constella_33, Hidrated_39, Xiaokay_36, Bobby_40
• Track 159 : Marleymoo_43
• Track 160 : Rearden_33
• Track 161 : Nekros_36
• Track 162 : Thibault_35

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

The start number called the most often in the published annotations is 10, it was called in 228 of the 291 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_29, AFIS_31, Abbyshoes_32, Abrogate_320, Acme_33, Adahisdi_32, Aeneas_33, Agaliana_32, Ajay_32, Aldrich_33, Alsfro_35, Altman_33, Alvin_32, Anglerfish_32, Applejack_31, Arcanine_32, Arlo_30, Ashballer_33, Atkinbua_33, BK1_29, BPBiebs31_32, BaconJack_34, Barriga_31, BarrowTuph_30, Beatrix_31, BeesKnees_32, Bethlehem_31, Big3_31, BigMau_33, BigPaolini_32, Bigchungi_31, Bigfoot_30, BillKnuckles_32, Bircsak_31, Blackflame_31, Blesser_31, BluSpix_32, Blue_31, Bob3_30, Bones_31, Briton15_33, Bruns_30, Burton_32, Buttons_33, Bxb1_29, CactusRose_30, Carlyle_33, CartmannCramer_31, CatBus_33, Chanagan_30, ChristmasHams_32, Ciao_31, ConceptII_33, Corvo_32, Crispicous1_30, Cueylyss_31, DD5_32, Dexes_32, DirtDevil_33, Doom_32, DrFeelGood_30, DreamCatcher_34, Dreamboat_32, Dulcie_30, Dussy_32,

Dynamix_32, Edtherson_32, EnzoK_32, Espresso_31, Euphoria_31, Eyeball_31, Fajezeel_33, Fascinus_30, Fenn_32, Forsytheast_31, Francis47_31, Froghopper_32, Fushigi_32, GMonster_30, Gachnar_31, GageAP_33, Gandalf20_32, Gompeii16_31, Graduation_33, GrecoEtereo_33, Greg_33, GroundGoblin_33, Gwendoluna_33, Gyzlar_33, Hami1_33, HanShotFirst_31, HarryOW_32, Hermia_34, HermioneGrange_31, Homines_31, Hope4ever_31, ILeeKay_33, Ichabod_32, IgnatiusPatJac_31, Inyanga_30, Iqorha_30, JC27_33, JackSparrow_32, Jasper_32, Jerm2_32, Jorgensen_31, JuliaChild_33, KBG_32, KSSJEB_31, Kanely_32, Kenmech_34, KikiBouba_34, Killigrew_29, Kugel_32, KyMonks1A_33, Kykar_31, Lamina13_31, Lesedi_30, Levia_31, Licorice_33, LilBib_32, Lockley_31, Lopton_32, LunarLander_32, MPlant7149_30, Magnar_31, Magnito_30, Makemake_31, Manatee_32, Marcell_31, Marchy_30, Marco3_31, Marge_32, Maroc7_30, Marsha_31, MaryBeth_31, McGuire_32, McSinger_32, MetalQZJ_31, Michley_31, MilleFeuille_30, Mkhuseli_32, Molly_32, Monet_33, Moose_31, MrGordo_31, Mryolo_30, Mule_31, Museum_33, NEHalo_31, Naira_32, Nerujay_32, Nhonho_31, Niza_33, Norz_33, Noxious_34, Ohno789_31, Oogway_30, PSullivan_33, PacerPaul_31, Papez_33, Paphu_30, Paraselene_30, Pari_32, Parliament_30, PascalRango_32, PattyP_33, Payneful_31, Pelly_32, Pepe_32, Perseus_33, Peterson_34, Petp2012_33, Petruchio_32, PherrisBueller_32, PhineBark_30, Phlippers_30, PhrostyMug_31, PinkPlastic_30, Pinto_34, Pippin_33, Pita2_33, PowerRanger_32, ProMouse_32, Puppet_31, QTRlifeCrisis_31, Raid_31, Rhynn_31, RidgeCB_31, Ringer_31, Rohr_32, Rubeus_32, Rufus_32, Ruotula_30, Rutherferd_33, STLscum_32, Sagefire_32, Sandaddy_30, Sanya_31, SarFire_31, Seabiscuit_33, Seanderson_32, ShortQueendom_31, Sibs6_33, SkiPole_33, Slagathor_32, Smairt_32, Smeagol_33, Snazzy_30, Solon_31, Sorpresa_31, SpikeBT_33, Squee_32, StewieG_30, StrongArm_30, Sumter_30, Sunshine924_32, SwissCheese_33, Switzer_32, Swole_33, Target_34, Tasp14_32, Teodoridan_29, TheloniousMonk_33, Thor_31, Topgun_31, Tote_33, Traft412_33, Treddle_33, Tripl3t_32, Trouble_32, Turj99_30, TwoPeat_32, U2_31, Violet_30, Watermelon_33, Wheeler_31, Whitspit_32, Wilkins_31, Zeeculate_31, Zephyr_31, Zeuska_32,

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

Genes that do not have the "Most Annotated" start:
• 20ES_31, AN3_31, AN9_34, ANI8_34, Bagrid_38, Beem_39, Bellris_30, Bobby_40, Bombitas_35, C3_29, Celestialunch_30, Chargerpower_32, Charm_31, CogOmlette_29, Constella_33, D29_31, D32_34, DBQu4n_34, Dallas_40, DarthPhader_32, DeerParkTS_33, Dove_36, DreamTeam1_31, Duplo_34, Ejimix_39, EricMillard_39, First_0031, Halley_39, Hidrated_39, HokkenD_34, Hughesyang_37, Iwokeuplikedis_32, Jeeves_31, Journey13_29, JuicyJay_41, Kalah2_39, Kerberos_34, Kinmap_31, Klein_39, Klodlith_31, LadyBird_31, Malec_32, Marleymoo_43, MegTheThird_31, Minispark_29, MissWhite_31, Naji_34, Nekros_36, NihilNomen_38, Odette_38, Pharaoh_31, Phoebus_38, Pomar16_34, Pound_40, Rahalelujah_30, Rearden_33, Redno2_37, Refuge_35, Schatzie_36, SheaKeira_31, StarStuff_34, Steamy_33, Sunhee_31, Thibault_35, ThreeRngTarjay_37, TipsytheTRex_30, Toaka_30, Tomathan_34, Travvers_34, VA6_31, VC3_34, WorldCup_29, Xiaokay_36, Yecey3_32, Yeet_37, Zelink_40, Zimmer_33,

Summary by start number:

Start 3:
• Found in 30 of 319 (9.4%) of genes in pham

• Manual Annotations of this start: 24 of 291
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bagrid_38 (J), Beem_39 (J), Bobby_40 (J), Bombitas_35 (J), Constella_33 (J), Dallas_40 (J), Dove_36 (J), Ejimix_39 (J), EricMillard_39 (J), Halley_39 (J), Hidrated_39 (J), HokkenD_34 (J), Hughesyang_37 (J), JuicyJay_41 (J), Kalah2_39 (J), Klein_39 (J), Marleymoo_43 (J), Nekros_36 (J), NihilNomen_38 (J), Odette_38 (J), Phoebus_38 (J), Pound_40 (J), Rearden_33 (J), Redno2_37 (J), Schatzie_36 (J), Thibault_35 (J), ThreeRngTarjay_37 (J), Xiaokay_36 (J), Yeet_37 (J), Zelink_40 (J),

Start 4:
• Found in 2 of 319 (0.6%) of genes in pham
• Manual Annotations of this start: 2 of 291
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Refuge_35 (A12), Zimmer_33 (A12),

Start 5:
• Found in 1 of 319 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 291
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pharaoh_31 (A12),

Start 6:
• Found in 17 of 319 (5.3%) of genes in pham
• Manual Annotations of this start: 2 of 291
• Called 11.8% of time when present
• Phage (with cluster) where this start called: ANI8_34 (A2), Yecey3_32 (A9),

Start 7:
• Found in 20 of 319 (6.3%) of genes in pham
• Manual Annotations of this start: 15 of 291
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bellris_30 (A9), Celestialunch_30 (A9), Chargerpower_32 (A22), Charm_31 (A9), CogOmlette_29 (A9), DarthPhader_32 (A12), DreamTeam1_31 (A9), Iwokeuplikedis_32 (A2), Jeeves_31 (A14), Kinmap_31 (A21), Klodlith_31 (A9), LadyBird_31 (A2), Malec_32 (A2), MegTheThird_31 (A9), Minispark_29 (A9), Rahalelujah_30 (A9), SheaKeira_31 (A9), TipsytheTRex_30 (A2), Toaka_30 (A9), WorldCup_29 (A9),

Start 8:
• Found in 23 of 319 (7.2%) of genes in pham
• Manual Annotations of this start: 19 of 291
• Called 95.7% of time when present
• Phage (with cluster) where this start called: 20ES_31 (A2), AN3_31 (A2), AN9_34 (A2), C3_29 (A2), D29_31 (A2), D32_34 (A2), DBQu4n_34 (A2), DeerParkTS_33 (A2), Duplo_34 (A2), First_0031 (A2), Journey13_29 (A2), Kerberos_34 (A2), MissWhite_31 (A2), Naji_34 (A2), Pomar16_34 (A2), StarStuff_34 (A2), Steamy_33 (A12), Sunhee_31 (A14), Tomathan_34 (A2), Travvers_34 (A2), VA6_31 (A2), VC3_34 (A2),

Start 10:
• Found in 242 of 319 (75.9%) of genes in pham
• Manual Annotations of this start: 228 of 291

• Called 100.0% of time when present
• Phage (with cluster) where this start called: A6_29 (A1), AFIS_31 (A1), Abbyshoes_32 (A1), Abrogate_320 (A1), Acme_33 (A1), Adahisdi_32 (A1), Aeneas_33 (A1), Agaliana_32 (A1), Ajay_32 (A1), Aldrich_33 (A1), Alsfro_35 (A1), Altman_33 (A1), Alvin_32 (A1), Anglerfish_32 (A1), Applejack_31 (A1), Arcanine_32 (A1), Arlo_30 (A1), Ashballer_33 (A1), Atkinbua_33 (A1), BK1_29 (A1), BPBiebs31_32 (A1), BaconJack_34 (A1), Barriga_31 (A1), BarrowTuph_30 (A1), Beatrix_31 (A1), BeesKnees_32 (A1), Bethlehem_31 (A1), Big3_31 (A1), BigMau_33 (A1), BigPaolini_32 (A1), Bigchungi_31 (A1), Bigfoot_30 (A1), BillKnuckles_32 (A1), Bircsak_31 (A1), Blackflame_31 (A1), Blesser_31 (A1), BluSpix_32 (A1), Blue_31 (A1), Bob3_30 (A1), Bones_31 (A1), Briton15_33 (A1), Bruns_30 (A1), Burton_32 (A1), Buttons_33 (A1), Bxb1_29 (A1), CactusRose_30 (A1), Carlyle_33 (A1), CartmannCramer_31 (A1), CatBus_33 (A1), Chanagan_30 (A1), ChristmasHams_32 (A1), Ciao_31 (A1), ConceptII_33 (A1), Corvo_32 (A1), Crispicous1_30 (A1), Cueylyss_31 (A1), DD5_32 (A1), Dexes_32 (A1), DirtDevil_33 (A1), Doom_32 (A1), DrFeelGood_30 (A1), DreamCatcher_34 (A1), Dreamboat_32 (A1), Dulcie_30 (A1), Dussy_32 (A1), Dynamix_32 (A1), Edtherson_32 (A1), EnzoK_32 (A1), Espresso_31 (A1), Euphoria_31 (A1), Eyeball_31 (A1), Fajezeel_33 (A1), Fascinus_30 (A1), Fenn_32 (A1), Forsytheast_31 (A1), Francis47_31 (A1), Froghopper_32 (A1), Fushigi_32 (A1), GMonster_30 (A1), Gachnar_31 (A1), GageAP_33 (A1), Gandalf20_32 (A1), Gompeii16_31 (A1), Graduation_33 (A1), GrecoEtereo_33 (A1), Greg_33 (A1), GroundGoblin_33 (A1), Gwendoluna_33 (A1), Gyzlar_33 (A1), Hami1_33 (A1), HanShotFirst_31 (A1), HarryOW_32 (A1), Hermia_34 (A1), HermioneGrange_31 (A1), Homines_31 (A1), Hope4ever_31 (A1), ILeeKay_33 (A1), Ichabod_32 (A1), IgnatiusPatJac_31 (A1), Inyanga_30 (A1), Iqorha_30 (A1), JC27_33 (A1), JackSparrow_32 (A1), Jasper_32 (A1), Jerm2_32 (A1), Jorgensen_31 (A1), JuliaChild_33 (A1), KBG_32 (A1), KSSJEB_31 (A1), Kanely_32 (A1), Kenmech_34 (A1), KikiBouba_34 (A1), Killigrew_29 (A1), Kugel_32 (A1), KyMonks1A_33 (A1), Kykar_31 (A1), Lamina13_31 (A1), Lesedi_30 (A1), Levia_31 (A1), Licorice_33 (A1), LilBib_32 (A1), Lockley_31 (A1), Lopton_32 (A1), LunarLander_32 (A1), MPlant7149_30 (A1), Magnar_31 (A1), Magnito_30 (A1), Makemake_31 (A1), Manatee_32 (A1), Marcell_31 (A1), Marchy_30 (A1), Marco3_31 (A1), Marge_32 (A1), Maroc7_30 (A1), Marsha_31 (A1), MaryBeth_31 (A1), McGuire_32 (A1), McSinger_32 (A1), MetalQZJ_31 (A1), Michley_31 (A1), MilleFeuille_30 (A1), Mkhuseli_32 (A1), Molly_32 (A1), Monet_33 (A1), Moose_31 (A1), MrGordo_31 (A1), Mryolo_30 (A1), Mule_31 (A1), Museum_33 (A1), NEHalo_31 (A1), Naira_32 (A1), Nerujay_32 (A1), Nhonho_31 (A1), Niza_33 (A1), Norz_33 (A1), Noxious_34 (A1), Ohno789_31 (A1), Oogway_30 (A1), PSullivan_33 (A1), PacerPaul_31 (A1), Papez_33 (A1), Paphu_30 (A1), Paraselene_30 (A1), Pari_32 (A1), Parliament_30 (A1), PascalRango_32 (A1), PattyP_33 (A1), Payneful_31 (A1), Pelly_32 (A1), Pepe_32 (A1), Perseus_33 (A1), Peterson_34 (A1), Petp2012_33 (A1), Petruchio_32 (A1), PherrisBueller_32 (A1), PhineBark_30 (A1), Phlippers_30 (A1), PhrostyMug_31 (A1), PinkPlastic_30 (A1), Pinto_34 (A1), Pippin_33 (A1), Pita2_33 (A1), PowerRanger_32 (A1), ProMouse_32 (A1), Puppet_31 (A1), QTRlifeCrisis_31 (A1), Raid_31 (A1), Rhynn_31 (A1), RidgeCB_31 (A1), Ringer_31 (A1), Rohr_32 (A1), Rubeus_32 (A1), Rufus_32 (A1), Ruotula_30 (A1), Rutherferd_33 (A1), STLscum_32 (A1), Sagefire_32 (A1), Sandaddy_30 (A1), Sanya_31 (A1), SarFire_31 (A1), Seabiscuit_33 (A1), Seanderson_32 (A1), ShortQueendom_31 (A1), Sibs6_33 (A1), SkiPole_33 (A1), Slagathor_32 (A1), Smairt_32 (A1), Smeagol_33 (A1), Snazzy_30 (A1), Solon_31 (A1), Sorpresa_31 (A1), SpikeBT_33 (A1), Squee_32 (A1), StewieG_30 (A1), StrongArm_30 (A1), Sumter_30 (A1), Sunshine924_32 (A1), SwissCheese_33 (A1), Switzer_32 (A1), Swole_33 (A1), Target_34 (A1), Tasp14_32 (A1), Teodoridan_29 (A1), TheloniousMonk_33 (A1), Thor_31 (A1), Topgun_31 (A1),

Tote_33 (A1), Traft412_33 (A1), Treddle_33 (A1), Tripl3t_32 (A1), Trouble_32 (A1), Turj99_30 (A1), TwoPeat_32 (A1), U2_31 (A1), Violet_30 (A1), Watermelon_33 (A1), Wheeler_31 (A1), Whitspit_32 (A1), Wilkins_31 (A1), Zeeculate_31 (A1), Zephyr_31 (A1), Zeuska_32 (A1),

Summary by clusters:

There are 8 clusters represented in this pham: A14, A22, A12, J, A21, A1, A2, A9,

Info for manual annotations of cluster A1:
•Start number 10 was manually annotated 228 times for cluster A1.

Info for manual annotations of cluster A12:
•Start number 4 was manually annotated 2 times for cluster A12.
•Start number 5 was manually annotated 1 time for cluster A12.
•Start number 7 was manually annotated 1 time for cluster A12.
•Start number 8 was manually annotated 1 time for cluster A12.

Info for manual annotations of cluster A14:
•Start number 7 was manually annotated 1 time for cluster A14.
•Start number 8 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A2:
•Start number 6 was manually annotated 1 time for cluster A2.
•Start number 7 was manually annotated 4 times for cluster A2.
•Start number 8 was manually annotated 17 times for cluster A2.

Info for manual annotations of cluster A21:
•Start number 7 was manually annotated 1 time for cluster A21.

Info for manual annotations of cluster A22:
•Start number 7 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A9:
•Start number 6 was manually annotated 1 time for cluster A9.
•Start number 7 was manually annotated 7 times for cluster A9.

Info for manual annotations of cluster J:
•Start number 3 was manually annotated 24 times for cluster J.

Gene Information:

Gene: 20ES_31 Start: 22797, Stop: 25202, Start Num: 8
Candidate Starts for 20ES_31:
(Start: 8 @22797 has 19 MA's), (11, 22818), (17, 22908), (19, 22917), (23, 22938), (35, 23001), (41, 23037), (51, 23118), (70, 23187), (72, 23208), (73, 23217), (89, 23328), (92, 23349), (105, 23439), (108, 23454), (118, 23574), (122, 23607), (124, 23616), (138, 23715), (139, 23742), (151, 23955), (167, 24045), (170, 24063), (175, 24087), (202, 24288), (211, 24327), (212, 24348), (215, 24384), (222, 24417), (225, 24438), (230, 24474), (235, 24528), (244, 24579), (249, 24600), (266, 24705), (269, 24720), (302, 24930), (306, 24999), (316, 25170), (318, 25179), (319, 25185),

Gene: A6_29 Start: 23660, Stop: 25513, Start Num: 10
Candidate Starts for A6_29:
(Start: 10 @23660 has 228 MA's), (14, 23741), (25, 23807), (38, 23876), (44, 23924), (48, 23951), (64, 24029), (71, 24065), (117, 24443), (141, 24617), (152, 24704), (180, 24860), (216, 25091), (225, 25133), (231, 25175), (267, 25397), (271, 25418), (280, 25454),

Gene: AFIS_31 Start: 24203, Stop: 26056, Start Num: 10
Candidate Starts for AFIS_31:
(Start: 10 @24203 has 228 MA's), (14, 24284), (25, 24350), (38, 24419), (44, 24467), (48, 24494), (64, 24572), (71, 24608), (81, 24680), (117, 24986), (141, 25160), (152, 25247), (180, 25403), (206, 25589), (216, 25634), (225, 25676), (231, 25718), (267, 25940), (271, 25961), (280, 25997),

Gene: AN3_31 Start: 22715, Stop: 24571, Start Num: 8
Candidate Starts for AN3_31:
(Start: 6 @22709 has 2 MA's), (Start: 8 @22715 has 19 MA's), (19, 22835), (35, 22925), (44, 22985), (47, 23009), (50, 23036), (71, 23129), (74, 23153), (75, 23159), (89, 23261), (151, 23666), (164, 23735), (193, 23903), (203, 23990), (217, 24086), (239, 24236), (261, 24350), (272, 24419), (278, 24443), (284, 24473), (285, 24488),

Gene: AN9_34 Start: 22703, Stop: 24556, Start Num: 8
Candidate Starts for AN9_34:
(Start: 6 @22697 has 2 MA's), (Start: 8 @22703 has 19 MA's), (19, 22823), (35, 22913), (44, 22973), (47, 22997), (50, 23024), (71, 23117), (74, 23141), (75, 23147), (89, 23249), (151, 23654), (164, 23723), (193, 23891), (203, 23978), (217, 24074), (239, 24221), (261, 24335), (272, 24404), (278, 24428), (284, 24458), (285, 24473),

Gene: ANI8_34 Start: 22697, Stop: 24556, Start Num: 6
Candidate Starts for ANI8_34:
(Start: 6 @22697 has 2 MA's), (Start: 8 @22703 has 19 MA's), (19, 22823), (35, 22913), (44, 22973), (47, 22997), (50, 23024), (71, 23117), (74, 23141), (75, 23147), (89, 23249), (151, 23654), (164, 23723), (193, 23891), (203, 23978), (217, 24074), (239, 24221), (261, 24335), (272, 24404), (278, 24428), (284, 24458), (285, 24473),

Gene: Abbyshoes_32 Start: 24318, Stop: 26171, Start Num: 10
Candidate Starts for Abbyshoes_32:
(Start: 10 @24318 has 228 MA's), (12, 24336), (14, 24399), (25, 24465), (38, 24534), (39, 24537), (44, 24582), (48, 24609), (64, 24687), (71, 24723), (81, 24795), (117, 25101), (141, 25275), (152, 25362), (180, 25518), (206, 25704), (216, 25749), (225, 25791), (231, 25833), (237, 25893), (267, 26055), (280, 26112),

Gene: Abrogate_320 Start: 24878, Stop: 26731, Start Num: 10
Candidate Starts for Abrogate_320:
(Start: 10 @24878 has 228 MA's), (12, 24896), (14, 24959), (25, 25025), (38, 25094), (44, 25142), (48, 25169), (64, 25247), (71, 25283), (81, 25355), (117, 25661), (141, 25835), (152, 25922), (180, 26078), (216, 26309), (225, 26351), (231, 26393), (267, 26615), (280, 26672),

Gene: Acme_33 Start: 24419, Stop: 26272, Start Num: 10
Candidate Starts for Acme_33:
(Start: 10 @24419 has 228 MA's), (14, 24500), (25, 24566), (38, 24635), (44, 24683), (48, 24710), (64, 24788), (71, 24824), (117, 25202), (141, 25376), (152, 25463), (180, 25619), (216, 25850), (225, 25892), (231, 25934), (267, 26156), (280, 26213),

Gene: Adahisdi_32 Start: 24279, Stop: 26132, Start Num: 10

Candidate Starts for Adahisdi_32:
(Start: 10 @24279 has 228 MA's), (14, 24360), (25, 24426), (38, 24495), (44, 24543), (48, 24570), (64, 24648), (71, 24684), (81, 24756), (117, 25062), (141, 25236), (152, 25323), (180, 25479), (189, 25539), (206, 25665), (216, 25710), (225, 25752), (231, 25794), (237, 25854), (267, 26016), (280, 26073),

Gene: Aeneas_33 Start: 24455, Stop: 26308, Start Num: 10
Candidate Starts for Aeneas_33:
(Start: 10 @24455 has 228 MA's), (14, 24536), (25, 24602), (38, 24671), (44, 24719), (64, 24824), (71, 24860), (81, 24932), (117, 25238), (141, 25412), (152, 25499), (180, 25655), (216, 25886), (225, 25928), (231, 25970), (267, 26192), (271, 26213), (280, 26249),

Gene: Agaliana_32 Start: 24399, Stop: 26252, Start Num: 10
Candidate Starts for Agaliana_32:
(Start: 10 @24399 has 228 MA's), (14, 24480), (25, 24546), (38, 24615), (44, 24663), (48, 24690), (53, 24726), (64, 24768), (71, 24804), (81, 24876), (117, 25182), (132, 25284), (141, 25356), (152, 25443), (180, 25599), (216, 25830), (224, 25869), (225, 25872), (231, 25914), (267, 26136), (271, 26157), (280, 26193),

Gene: Ajay_32 Start: 24631, Stop: 26484, Start Num: 10
Candidate Starts for Ajay_32:
(Start: 10 @24631 has 228 MA's), (14, 24712), (17, 24736), (25, 24778), (38, 24847), (44, 24895), (48, 24922), (53, 24958), (64, 25000), (71, 25036), (81, 25108), (117, 25414), (132, 25516), (141, 25588), (152, 25675), (180, 25831), (216, 26062), (224, 26101), (225, 26104), (231, 26146), (267, 26368), (271, 26389), (280, 26425),

Gene: Aldrich_33 Start: 25422, Stop: 27275, Start Num: 10
Candidate Starts for Aldrich_33:
(Start: 10 @25422 has 228 MA's), (14, 25503), (25, 25569), (38, 25638), (44, 25686), (48, 25713), (64, 25791), (81, 25899), (117, 26205), (132, 26307), (141, 26379), (152, 26466), (180, 26622), (189, 26682), (216, 26853), (225, 26895), (231, 26937), (267, 27159), (271, 27180), (280, 27216),

Gene: Alsfro_35 Start: 24864, Stop: 26717, Start Num: 10
Candidate Starts for Alsfro_35:
(Start: 10 @24864 has 228 MA's), (12, 24882), (14, 24945), (25, 25011), (38, 25080), (39, 25083), (44, 25128), (48, 25155), (53, 25191), (64, 25233), (71, 25269), (81, 25341), (115, 25632), (117, 25647), (141, 25821), (152, 25908), (180, 26064), (206, 26250), (216, 26295), (224, 26334), (225, 26337), (231, 26379), (267, 26601), (271, 26622), (280, 26658),

Gene: Altman_33 Start: 24922, Stop: 26775, Start Num: 10
Candidate Starts for Altman_33:
(Start: 10 @24922 has 228 MA's), (14, 25003), (25, 25069), (38, 25138), (44, 25186), (48, 25213), (64, 25291), (71, 25327), (81, 25399), (117, 25705), (141, 25879), (152, 25966), (180, 26122), (216, 26353), (225, 26395), (231, 26437), (267, 26659), (271, 26680), (280, 26716),

Gene: Alvin_32 Start: 24691, Stop: 26544, Start Num: 10
Candidate Starts for Alvin_32:
(Start: 10 @24691 has 228 MA's), (14, 24772), (25, 24838), (38, 24907), (44, 24955), (48, 24982), (64, 25060), (71, 25096), (81, 25168), (117, 25474), (141, 25648), (152, 25735), (180, 25891), (206, 26077), (216, 26122), (225, 26164), (231, 26206), (267, 26428), (280, 26485),

Gene: Anglerfish_32 Start: 24835, Stop: 26688, Start Num: 10
Candidate Starts for Anglerfish_32:

(Start: 10 @24835 has 228 MA's), (14, 24916), (25, 24982), (38, 25051), (44, 25099), (48, 25126), (64, 25204), (71, 25240), (76, 25279), (81, 25312), (86, 25363), (117, 25618), (141, 25792), (152, 25879), (180, 26035), (206, 26221), (216, 26266), (225, 26308), (231, 26350), (267, 26572), (271, 26593), (280, 26629),

Gene: Applejack_31 Start: 24096, Stop: 25949, Start Num: 10
Candidate Starts for Applejack_31:
(Start: 10 @24096 has 228 MA's), (14, 24177), (25, 24243), (38, 24312), (44, 24360), (48, 24387), (64, 24465), (71, 24501), (76, 24540), (81, 24573), (86, 24624), (117, 24879), (141, 25053), (152, 25140), (180, 25296), (189, 25356), (216, 25527), (225, 25569), (231, 25611), (267, 25833), (280, 25890),

Gene: Arcanine_32 Start: 23849, Stop: 25702, Start Num: 10
Candidate Starts for Arcanine_32:
(Start: 10 @23849 has 228 MA's), (14, 23930), (25, 23996), (38, 24065), (44, 24113), (48, 24140), (64, 24218), (71, 24254), (76, 24293), (81, 24326), (86, 24377), (117, 24632), (141, 24806), (152, 24893), (180, 25049), (206, 25235), (216, 25280), (225, 25322), (231, 25364), (267, 25586), (271, 25607), (280, 25643),

Gene: Arlo_30 Start: 23725, Stop: 25578, Start Num: 10
Candidate Starts for Arlo_30:
(Start: 10 @23725 has 228 MA's), (14, 23806), (25, 23872), (38, 23941), (44, 23989), (48, 24016), (64, 24094), (71, 24130), (76, 24169), (81, 24202), (86, 24253), (117, 24508), (141, 24682), (152, 24769), (180, 24925), (216, 25156), (225, 25198), (231, 25240), (267, 25462), (280, 25519),

Gene: Ashballer_33 Start: 24849, Stop: 26702, Start Num: 10
Candidate Starts for Ashballer_33:
(Start: 10 @24849 has 228 MA's), (14, 24930), (25, 24996), (38, 25065), (44, 25113), (48, 25140), (64, 25218), (71, 25254), (81, 25326), (117, 25632), (141, 25806), (152, 25893), (180, 26049), (206, 26235), (216, 26280), (225, 26322), (231, 26364), (267, 26586), (280, 26643),

Gene: Atkinbua_33 Start: 24549, Stop: 26402, Start Num: 10
Candidate Starts for Atkinbua_33:
(Start: 10 @24549 has 228 MA's), (14, 24630), (25, 24696), (38, 24765), (44, 24813), (48, 24840), (64, 24918), (71, 24954), (81, 25026), (117, 25332), (141, 25506), (152, 25593), (180, 25749), (206, 25935), (216, 25980), (225, 26022), (231, 26064), (267, 26286), (280, 26343),

Gene: BK1_29 Start: 23660, Stop: 25513, Start Num: 10
Candidate Starts for BK1_29:
(Start: 10 @23660 has 228 MA's), (14, 23741), (25, 23807), (38, 23876), (44, 23924), (48, 23951), (64, 24029), (71, 24065), (117, 24443), (141, 24617), (152, 24704), (180, 24860), (216, 25091), (225, 25133), (231, 25175), (267, 25397), (271, 25418), (280, 25454),

Gene: BPBiebs31_32 Start: 24420, Stop: 26273, Start Num: 10
Candidate Starts for BPBiebs31_32:
(Start: 10 @24420 has 228 MA's), (14, 24501), (25, 24567), (38, 24636), (44, 24684), (48, 24711), (53, 24747), (64, 24789), (71, 24825), (81, 24897), (117, 25203), (132, 25305), (141, 25377), (152, 25464), (180, 25620), (189, 25680), (206, 25806), (216, 25851), (225, 25893), (231, 25935), (267, 26157), (271, 26178), (280, 26214),

Gene: BaconJack_34 Start: 24618, Stop: 26471, Start Num: 10
Candidate Starts for BaconJack_34:
(Start: 10 @24618 has 228 MA's), (14, 24699), (25, 24765), (38, 24834), (44, 24882), (48, 24909), (53, 24945), (64, 24987), (71, 25023), (81, 25095), (117, 25401), (132, 25503), (141, 25575), (152, 25662),

(180, 25818), (216, 26049), (225, 26091), (231, 26133), (267, 26355), (280, 26412),

Gene: Bagrid_38 Start: 29660, Stop: 31588, Start Num: 3
Candidate Starts for Bagrid_38:
(Start: 3 @29660 has 24 MA's), (28, 29855), (53, 30023), (66, 30080), (72, 30119), (78, 30149), (84, 30215), (112, 30413), (117, 30479), (123, 30524), (135, 30584), (154, 30743), (189, 30950), (221, 31193), (225, 31214), (233, 31274), (240, 31328), (255, 31394), (262, 31433), (280, 31532),

Gene: Barriga_31 Start: 23951, Stop: 25804, Start Num: 10
Candidate Starts for Barriga_31:
(Start: 10 @23951 has 228 MA's), (14, 24032), (25, 24098), (38, 24167), (44, 24215), (48, 24242), (64, 24320), (71, 24356), (117, 24734), (134, 24845), (141, 24908), (152, 24995), (180, 25151), (216, 25382), (225, 25424), (231, 25466), (267, 25688), (271, 25709), (280, 25745),

Gene: BarrowTuph_30 Start: 23972, Stop: 25813, Start Num: 10
Candidate Starts for BarrowTuph_30:
(Start: 10 @23972 has 228 MA's), (14, 24053), (25, 24119), (38, 24188), (44, 24236), (48, 24263), (53, 24299), (64, 24341), (71, 24377), (81, 24449), (117, 24755), (141, 24929), (152, 25016), (177, 25151), (180, 25172), (216, 25403), (225, 25445), (231, 25487), (280, 25754),

Gene: Beatrix_31 Start: 25533, Stop: 27386, Start Num: 10
Candidate Starts for Beatrix_31:
(Start: 10 @25533 has 228 MA's), (14, 25614), (25, 25680), (38, 25749), (39, 25752), (44, 25797), (48, 25824), (53, 25860), (64, 25902), (71, 25938), (81, 26010), (117, 26316), (141, 26490), (152, 26577), (180, 26733), (216, 26964), (225, 27006), (231, 27048), (267, 27270), (271, 27291), (280, 27327),

Gene: Beem_39 Start: 30226, Stop: 32154, Start Num: 3
Candidate Starts for Beem_39:
(Start: 3 @30226 has 24 MA's), (28, 30421), (53, 30589), (66, 30646), (72, 30685), (78, 30715), (84, 30781), (112, 30979), (117, 31045), (123, 31090), (135, 31150), (154, 31309), (189, 31516), (221, 31759), (225, 31780), (233, 31840), (240, 31894), (255, 31960), (262, 31999), (280, 32098),

Gene: BeesKnees_32 Start: 24150, Stop: 26003, Start Num: 10
Candidate Starts for BeesKnees_32:
(Start: 10 @24150 has 228 MA's), (12, 24168), (14, 24231), (25, 24297), (38, 24366), (44, 24414), (48, 24441), (53, 24477), (64, 24519), (71, 24555), (81, 24627), (117, 24933), (141, 25107), (152, 25194), (180, 25350), (206, 25536), (216, 25581), (225, 25623), (231, 25665), (267, 25887), (280, 25944),

Gene: Bellris_30 Start: 22236, Stop: 23978, Start Num: 7
Candidate Starts for Bellris_30:
(Start: 7 @22236 has 15 MA's), (9, 22242), (19, 22359), (25, 22392), (44, 22509), (49, 22539), (56, 22587), (60, 22596), (61, 22599), (80, 22686), (85, 22731), (91, 22758), (103, 22833), (121, 22911), (136, 22977), (151, 23103), (220, 23535), (227, 23580), (249, 23712), (276, 23853), (278, 23865), (287, 23904), (294, 23967),

Gene: Bethlehem_31 Start: 25376, Stop: 27229, Start Num: 10
Candidate Starts for Bethlehem_31:
(Start: 10 @25376 has 228 MA's), (14, 25457), (25, 25523), (38, 25592), (44, 25640), (48, 25667), (64, 25745), (71, 25781), (81, 25853), (117, 26159), (141, 26333), (152, 26420), (180, 26576), (216, 26807), (225, 26849), (231, 26891), (267, 27113), (271, 27134), (280, 27170),

Gene: Big3_31 Start: 24731, Stop: 26584, Start Num: 10
Candidate Starts for Big3_31:

(Start: 10 @24731 has 228 MA's), (14, 24812), (25, 24878), (38, 24947), (44, 24995), (48, 25022), (64, 25100), (81, 25208), (117, 25514), (141, 25688), (152, 25775), (180, 25931), (206, 26117), (216, 26162), (225, 26204), (231, 26246), (267, 26468), (271, 26489), (280, 26525),

Gene: BigMau_33 Start: 24285, Stop: 26138, Start Num: 10
Candidate Starts for BigMau_33:
(Start: 10 @24285 has 228 MA's), (14, 24366), (25, 24432), (38, 24501), (44, 24549), (48, 24576), (64, 24654), (71, 24690), (81, 24762), (117, 25068), (141, 25242), (152, 25329), (180, 25485), (216, 25716), (225, 25758), (231, 25800), (237, 25860), (267, 26022), (280, 26079),

Gene: BigPaolini_32 Start: 24729, Stop: 26582, Start Num: 10
Candidate Starts for BigPaolini_32:
(Start: 10 @24729 has 228 MA's), (14, 24810), (17, 24834), (25, 24876), (38, 24945), (44, 24993), (48, 25020), (53, 25056), (64, 25098), (81, 25206), (117, 25512), (141, 25686), (152, 25773), (180, 25929), (216, 26160), (225, 26202), (231, 26244), (267, 26466), (277, 26511), (280, 26523),

Gene: Bigchungi_31 Start: 24102, Stop: 25955, Start Num: 10
Candidate Starts for Bigchungi_31:
(Start: 10 @24102 has 228 MA's), (14, 24183), (25, 24249), (38, 24318), (44, 24366), (48, 24393), (53, 24429), (64, 24471), (71, 24507), (81, 24579), (117, 24885), (132, 24987), (141, 25059), (152, 25146), (180, 25302), (189, 25362), (216, 25533), (225, 25575), (231, 25617), (267, 25839), (280, 25896),

Gene: Bigfoot_30 Start: 23891, Stop: 25744, Start Num: 10
Candidate Starts for Bigfoot_30:
(Start: 10 @23891 has 228 MA's), (14, 23972), (25, 24038), (38, 24107), (39, 24110), (44, 24155), (48, 24182), (64, 24260), (71, 24296), (81, 24368), (117, 24674), (141, 24848), (152, 24935), (180, 25091), (206, 25277), (216, 25322), (225, 25364), (231, 25406), (267, 25628), (280, 25685),

Gene: BillKnuckles_32 Start: 24816, Stop: 26669, Start Num: 10
Candidate Starts for BillKnuckles_32:
(Start: 10 @24816 has 228 MA's), (14, 24897), (25, 24963), (38, 25032), (44, 25080), (48, 25107), (64, 25185), (71, 25221), (81, 25293), (117, 25599), (141, 25773), (152, 25860), (180, 26016), (216, 26247), (225, 26289), (231, 26331), (267, 26553), (271, 26574), (280, 26610),

Gene: Bircsak_31 Start: 24588, Stop: 26441, Start Num: 10
Candidate Starts for Bircsak_31:
(Start: 10 @24588 has 228 MA's), (14, 24669), (17, 24693), (25, 24735), (38, 24804), (44, 24852), (48, 24879), (53, 24915), (64, 24957), (71, 24993), (81, 25065), (117, 25371), (132, 25473), (141, 25545), (152, 25632), (180, 25788), (216, 26019), (224, 26058), (225, 26061), (231, 26103), (267, 26325), (271, 26346), (280, 26382),

Gene: Blackflame_31 Start: 24111, Stop: 25964, Start Num: 10
Candidate Starts for Blackflame_31:
(Start: 10 @24111 has 228 MA's), (14, 24192), (25, 24258), (38, 24327), (44, 24375), (48, 24402), (64, 24480), (71, 24516), (81, 24588), (117, 24894), (132, 24996), (141, 25068), (152, 25155), (180, 25311), (189, 25371), (216, 25542), (225, 25584), (231, 25626), (267, 25848), (280, 25905),

Gene: Blesser_31 Start: 24519, Stop: 26372, Start Num: 10
Candidate Starts for Blesser_31:
(Start: 10 @24519 has 228 MA's), (12, 24537), (14, 24600), (25, 24666), (38, 24735), (39, 24738), (44, 24783), (48, 24810), (53, 24846), (64, 24888), (76, 24963), (81, 24996), (86, 25047), (117, 25302), (141, 25476), (152, 25563), (180, 25719), (206, 25905), (216, 25950), (225, 25992), (231, 26034), (237, 26094), (267, 26256), (280, 26313),

Gene: BluSpix_32 Start: 24346, Stop: 26199, Start Num: 10
Candidate Starts for BluSpix_32:
(Start: 10 @24346 has 228 MA's), (12, 24364), (14, 24427), (25, 24493), (38, 24562), (39, 24565), (44, 24610), (48, 24637), (53, 24673), (64, 24715), (71, 24751), (81, 24823), (117, 25129), (141, 25303), (152, 25390), (180, 25546), (189, 25606), (216, 25777), (225, 25819), (231, 25861), (267, 26083), (271, 26104), (280, 26140),

Gene: Blue_31 Start: 24584, Stop: 26437, Start Num: 10
Candidate Starts for Blue_31:
(Start: 10 @24584 has 228 MA's), (14, 24665), (25, 24731), (38, 24800), (44, 24848), (48, 24875), (64, 24953), (81, 25061), (117, 25367), (141, 25541), (152, 25628), (180, 25784), (206, 25970), (216, 26015), (225, 26057), (231, 26099), (267, 26321), (280, 26378),

Gene: Bob3_30 Start: 23625, Stop: 25478, Start Num: 10
Candidate Starts for Bob3_30:
(Start: 10 @23625 has 228 MA's), (14, 23706), (25, 23772), (38, 23841), (44, 23889), (48, 23916), (64, 23994), (71, 24030), (81, 24102), (117, 24408), (141, 24582), (152, 24669), (180, 24825), (216, 25056), (225, 25098), (231, 25140), (267, 25362), (280, 25419),

Gene: Bobby_40 Start: 31067, Stop: 32995, Start Num: 3
Candidate Starts for Bobby_40:
(Start: 3 @31067 has 24 MA's), (28, 31262), (53, 31430), (66, 31487), (76, 31547), (78, 31556), (107, 31784), (112, 31820), (117, 31886), (123, 31931), (134, 31988), (135, 31991), (189, 32357), (218, 32573), (221, 32600), (225, 32621), (233, 32681), (240, 32735), (255, 32801),

Gene: Bombitas_35 Start: 29250, Stop: 31178, Start Num: 3
Candidate Starts for Bombitas_35:
(Start: 3 @29250 has 24 MA's), (37, 29496), (58, 29634), (66, 29670), (73, 29718), (93, 29874), (106, 29964), (112, 30003), (117, 30069), (119, 30081), (120, 30084), (123, 30114), (135, 30174), (152, 30321), (155, 30342), (177, 30459), (185, 30519), (189, 30540), (199, 30618), (218, 30756), (225, 30804), (233, 30864), (240, 30918), (255, 30984), (267, 31065),

Gene: Bones_31 Start: 23991, Stop: 25844, Start Num: 10
Candidate Starts for Bones_31:
(Start: 10 @23991 has 228 MA's), (14, 24072), (25, 24138), (38, 24207), (44, 24255), (48, 24282), (53, 24318), (64, 24360), (71, 24396), (81, 24468), (117, 24774), (141, 24948), (152, 25035), (180, 25191), (206, 25377), (216, 25422), (225, 25464), (231, 25506), (267, 25728), (280, 25785),

Gene: Briton15_33 Start: 24383, Stop: 26236, Start Num: 10
Candidate Starts for Briton15_33:
(Start: 10 @24383 has 228 MA's), (14, 24464), (25, 24530), (38, 24599), (44, 24647), (48, 24674), (53, 24710), (64, 24752), (71, 24788), (81, 24860), (117, 25166), (141, 25340), (152, 25427), (180, 25583), (206, 25769), (216, 25814), (225, 25856), (231, 25898), (267, 26120), (280, 26177),

Gene: Bruns_30 Start: 24013, Stop: 25866, Start Num: 10
Candidate Starts for Bruns_30:
(Start: 10 @24013 has 228 MA's), (14, 24094), (25, 24160), (38, 24229), (39, 24232), (44, 24277), (48, 24304), (53, 24340), (64, 24382), (71, 24418), (81, 24490), (117, 24796), (141, 24970), (152, 25057), (180, 25213), (189, 25273), (206, 25399), (216, 25444), (225, 25486), (231, 25528), (267, 25750), (271, 25771), (280, 25807),

Gene: Burton_32 Start: 24233, Stop: 26086, Start Num: 10

Candidate Starts for Burton_32:
(Start: 10 @24233 has 228 MA's), (14, 24314), (25, 24380), (38, 24449), (44, 24497), (48, 24524), (53, 24560), (64, 24602), (71, 24638), (81, 24710), (117, 25016), (132, 25118), (141, 25190), (152, 25277), (180, 25433), (216, 25664), (225, 25706), (231, 25748), (267, 25970), (271, 25991), (280, 26027),

Gene: Buttons_33 Start: 25074, Stop: 26927, Start Num: 10
Candidate Starts for Buttons_33:
(Start: 10 @25074 has 228 MA's), (14, 25155), (25, 25221), (38, 25290), (44, 25338), (48, 25365), (64, 25443), (71, 25479), (117, 25857), (141, 26031), (152, 26118), (180, 26274), (189, 26334), (216, 26505), (225, 26547), (231, 26589), (267, 26811), (280, 26868),

Gene: Bxb1_29 Start: 24184, Stop: 26037, Start Num: 10
Candidate Starts for Bxb1_29:
(Start: 10 @24184 has 228 MA's), (14, 24265), (25, 24331), (38, 24400), (44, 24448), (48, 24475), (64, 24553), (71, 24589), (81, 24661), (117, 24967), (141, 25141), (152, 25228), (173, 25330), (180, 25384), (206, 25570), (216, 25615), (225, 25657), (231, 25699), (267, 25921), (280, 25978),

Gene: C3_29 Start: 22703, Stop: 24556, Start Num: 8
Candidate Starts for C3_29:
(Start: 6 @22697 has 2 MA's), (Start: 8 @22703 has 19 MA's), (19, 22823), (35, 22913), (44, 22973), (47, 22997), (50, 23024), (71, 23117), (74, 23141), (75, 23147), (89, 23249), (151, 23654), (164, 23723), (193, 23891), (203, 23978), (217, 24074), (239, 24221), (261, 24335), (272, 24404), (278, 24428), (284, 24458), (285, 24473),

Gene: CactusRose_30 Start: 23986, Stop: 25839, Start Num: 10
Candidate Starts for CactusRose_30:
(Start: 10 @23986 has 228 MA's), (14, 24067), (25, 24133), (38, 24202), (39, 24205), (44, 24250), (48, 24277), (53, 24313), (64, 24355), (71, 24391), (81, 24463), (117, 24769), (141, 24943), (152, 25030), (180, 25186), (189, 25246), (206, 25372), (216, 25417), (225, 25459), (231, 25501), (267, 25723), (280, 25780),

Gene: Carlyle_33 Start: 24913, Stop: 26766, Start Num: 10
Candidate Starts for Carlyle_33:
(Start: 10 @24913 has 228 MA's), (14, 24994), (25, 25060), (38, 25129), (44, 25177), (48, 25204), (64, 25282), (71, 25318), (81, 25390), (117, 25696), (141, 25870), (152, 25957), (180, 26113), (216, 26344), (225, 26386), (231, 26428), (267, 26650), (280, 26707),

Gene: CartmannCramer_31 Start: 26131, Stop: 27984, Start Num: 10
Candidate Starts for CartmannCramer_31:
(Start: 10 @26131 has 228 MA's), (14, 26212), (25, 26278), (38, 26347), (44, 26395), (48, 26422), (64, 26500), (71, 26536), (81, 26608), (117, 26914), (141, 27088), (152, 27175), (180, 27331), (206, 27517), (216, 27562), (225, 27604), (231, 27646), (267, 27868), (280, 27925),

Gene: CatBus_33 Start: 25614, Stop: 27467, Start Num: 10
Candidate Starts for CatBus_33:
(Start: 10 @25614 has 228 MA's), (14, 25695), (25, 25761), (38, 25830), (44, 25878), (48, 25905), (64, 25983), (81, 26091), (117, 26397), (132, 26499), (141, 26571), (152, 26658), (180, 26814), (189, 26874), (216, 27045), (225, 27087), (231, 27129), (267, 27351), (271, 27372), (280, 27408),

Gene: Celestialunch_30 Start: 22321, Stop: 24066, Start Num: 7
Candidate Starts for Celestialunch_30:
(Start: 7 @22321 has 15 MA's), (25, 22477), (40, 22558), (49, 22624), (56, 22672), (63, 22696), (72, 22741), (80, 22771), (98, 22885), (136, 23062), (169, 23293), (178, 23332), (196, 23446), (217,

23605), (220, 23620), (252, 23806), (259, 23836), (270, 23917), (278, 23950), (292, 24022), (294, 24052), (295, 24055),

Gene: Chanagan_30 Start: 23698, Stop: 25551, Start Num: 10
Candidate Starts for Chanagan_30:
(Start: 10 @23698 has 228 MA's), (14, 23779), (25, 23845), (38, 23914), (44, 23962), (48, 23989), (64, 24067), (71, 24103), (81, 24175), (117, 24481), (141, 24655), (152, 24742), (180, 24898), (206, 25084), (216, 25129), (225, 25171), (231, 25213), (267, 25435), (280, 25492),

Gene: Chargerpower_32 Start: 22051, Stop: 23787, Start Num: 7
Candidate Starts for Chargerpower_32:
(Start: 7 @22051 has 15 MA's), (29, 22222), (32, 22243), (34, 22255), (45, 22333), (73, 22432), (104, 22492), (139, 22666), (151, 22750), (178, 22894), (190, 22978), (217, 23167), (260, 23404), (273, 23494), (277, 23509), (297, 23647), (299, 23656), (300, 23671), (303, 23704),

Gene: Charm_31 Start: 22329, Stop: 24071, Start Num: 7
Candidate Starts for Charm_31:
(Start: 7 @22329 has 15 MA's), (9, 22335), (25, 22485), (31, 22515), (40, 22566), (49, 22632), (56, 22680), (63, 22704), (80, 22779), (98, 22893), (121, 23004), (136, 23070), (149, 23184), (155, 23220), (169, 23301), (178, 23340), (196, 23454), (198, 23466), (217, 23613), (220, 23628), (227, 23673), (270, 23925), (278, 23958), (279, 23961), (287, 23997), (294, 24060),

Gene: ChristmasHams_32 Start: 24089, Stop: 25942, Start Num: 10
Candidate Starts for ChristmasHams_32:
(Start: 10 @24089 has 228 MA's), (14, 24170), (25, 24236), (38, 24305), (39, 24308), (44, 24353), (48, 24380), (53, 24416), (64, 24458), (71, 24494), (81, 24566), (117, 24872), (132, 24974), (141, 25046), (152, 25133), (180, 25289), (216, 25520), (224, 25559), (225, 25562), (231, 25604), (267, 25826), (271, 25847), (280, 25883),

Gene: Ciao_31 Start: 24041, Stop: 25894, Start Num: 10
Candidate Starts for Ciao_31:
(Start: 10 @24041 has 228 MA's), (14, 24122), (25, 24188), (38, 24257), (44, 24305), (48, 24332), (64, 24410), (71, 24446), (81, 24518), (117, 24824), (141, 24998), (152, 25085), (180, 25241), (189, 25301), (190, 25313), (216, 25472), (225, 25514), (231, 25556), (267, 25778), (280, 25835),

Gene: CogOmlette_29 Start: 22236, Stop: 23978, Start Num: 7
Candidate Starts for CogOmlette_29:
(Start: 7 @22236 has 15 MA's), (9, 22242), (19, 22359), (25, 22392), (44, 22509), (49, 22539), (56, 22587), (60, 22596), (61, 22599), (80, 22686), (85, 22731), (91, 22758), (103, 22833), (121, 22911), (136, 22977), (151, 23103), (220, 23535), (227, 23580), (249, 23712), (276, 23853), (278, 23865), (287, 23904), (294, 23967),

Gene: ConceptII_33 Start: 25055, Stop: 26908, Start Num: 10
Candidate Starts for ConceptII_33:
(Start: 10 @25055 has 228 MA's), (14, 25136), (25, 25202), (38, 25271), (44, 25319), (48, 25346), (64, 25424), (71, 25460), (81, 25532), (117, 25838), (141, 26012), (152, 26099), (180, 26255), (206, 26441), (216, 26486), (225, 26528), (231, 26570), (267, 26792), (271, 26813), (280, 26849),

Gene: Constella_33 Start: 29013, Stop: 30941, Start Num: 3
Candidate Starts for Constella_33:
(Start: 3 @29013 has 24 MA's), (28, 29208), (53, 29376), (66, 29433), (76, 29493), (78, 29502), (107, 29730), (112, 29766), (117, 29832), (123, 29877), (134, 29934), (135, 29937), (189, 30303), (218, 30519), (221, 30546), (225, 30567), (233, 30627), (240, 30681), (255, 30747),

Gene: Corvo_32 Start: 25050, Stop: 26903, Start Num: 10
Candidate Starts for Corvo_32:
(Start: 10 @25050 has 228 MA's), (14, 25131), (17, 25155), (25, 25197), (38, 25266), (44, 25314), (48, 25341), (53, 25377), (64, 25419), (71, 25455), (81, 25527), (117, 25833), (141, 26007), (152, 26094), (180, 26250), (189, 26310), (206, 26436), (216, 26481), (225, 26523), (231, 26565), (267, 26787), (280, 26844),

Gene: Crispicous1_30 Start: 23627, Stop: 25480, Start Num: 10
Candidate Starts for Crispicous1_30:
(Start: 10 @23627 has 228 MA's), (14, 23708), (25, 23774), (38, 23843), (44, 23891), (48, 23918), (64, 23996), (71, 24032), (81, 24104), (117, 24410), (141, 24584), (152, 24671), (180, 24827), (206, 25013), (216, 25058), (225, 25100), (231, 25142), (267, 25364), (280, 25421),

Gene: Cueylyss_31 Start: 24224, Stop: 26077, Start Num: 10
Candidate Starts for Cueylyss_31:
(Start: 10 @24224 has 228 MA's), (14, 24305), (25, 24371), (38, 24440), (44, 24488), (48, 24515), (53, 24551), (64, 24593), (71, 24629), (81, 24701), (117, 25007), (141, 25181), (152, 25268), (180, 25424), (216, 25655), (225, 25697), (231, 25739), (267, 25961), (271, 25982), (280, 26018),

Gene: D29_31 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for D29_31:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (261, 24191), (263, 24206), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: D32_34 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for D32_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (261, 24191), (263, 24206), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: DBQu4n_34 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for DBQu4n_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (201, 23813), (217, 23930), (254, 24149), (257, 24161), (261, 24191), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: DD5_32 Start: 24817, Stop: 26670, Start Num: 10
Candidate Starts for DD5_32:
(Start: 10 @24817 has 228 MA's), (12, 24835), (14, 24898), (25, 24964), (38, 25033), (39, 25036), (44, 25081), (48, 25108), (53, 25144), (64, 25186), (71, 25222), (81, 25294), (117, 25600), (132, 25702), (141, 25774), (152, 25861), (180, 26017), (206, 26203), (216, 26248), (225, 26290), (231, 26332), (267, 26554), (280, 26611),

Gene: Dallas_40 Start: 29751, Stop: 31679, Start Num: 3
Candidate Starts for Dallas_40:
(Start: 3 @29751 has 24 MA's), (28, 29946), (53, 30114), (66, 30171), (72, 30210), (78, 30240), (84, 30306), (112, 30504), (117, 30570), (123, 30615), (135, 30675), (154, 30834), (189, 31041), (221, 31284), (225, 31305), (233, 31365), (240, 31419), (255, 31485), (262, 31524), (280, 31623),

Gene: DarthPhader_32 Start: 24371, Stop: 26161, Start Num: 7

Candidate Starts for DarthPhader_32:
(Start: 7 @24371 has 15 MA's), (17, 24485), (19, 24494), (51, 24701), (63, 24746), (78, 24821), (90, 24929), (96, 24974), (106, 25040), (110, 25061), (124, 25109), (126, 25130), (128, 25139), (135, 25178), (139, 25229), (142, 25238), (144, 25259), (147, 25295), (154, 25331), (160, 25370), (182, 25481), (190, 25541), (244, 25907), (245, 25913),

Gene: DeerParkTS_33 Start: 23331, Stop: 25694, Start Num: 8
Candidate Starts for DeerParkTS_33:
(Start: 8 @23331 has 19 MA's), (11, 23352), (17, 23442), (19, 23451), (63, 23700), (99, 23949), (117, 24174), (138, 24318), (167, 24528), (170, 24546), (175, 24570), (202, 24771), (211, 24810), (215, 24867), (222, 24900), (230, 24957), (248, 25080), (256, 25110), (269, 25203), (278, 25242), (280, 25248), (286, 25296), (296, 25377), (302, 25419), (306, 25491), (311, 25572), (319, 25677), (320, 25686),

Gene: Dexes_32 Start: 24779, Stop: 26632, Start Num: 10
Candidate Starts for Dexes_32:
(Start: 10 @24779 has 228 MA's), (14, 24860), (17, 24884), (25, 24926), (38, 24995), (44, 25043), (48, 25070), (64, 25148), (71, 25184), (81, 25256), (117, 25562), (141, 25736), (152, 25823), (180, 25979), (206, 26165), (216, 26210), (225, 26252), (231, 26294), (267, 26516), (271, 26537), (280, 26573),

Gene: DirtDevil_33 Start: 25422, Stop: 27275, Start Num: 10
Candidate Starts for DirtDevil_33:
(Start: 10 @25422 has 228 MA's), (14, 25503), (25, 25569), (38, 25638), (44, 25686), (48, 25713), (64, 25791), (81, 25899), (117, 26205), (132, 26307), (141, 26379), (152, 26466), (180, 26622), (189, 26682), (216, 26853), (225, 26895), (231, 26937), (267, 27159), (271, 27180), (280, 27216),

Gene: Doom_32 Start: 24887, Stop: 26740, Start Num: 10
Candidate Starts for Doom_32:
(Start: 10 @24887 has 228 MA's), (14, 24968), (25, 25034), (38, 25103), (39, 25106), (44, 25151), (48, 25178), (53, 25214), (64, 25256), (71, 25292), (81, 25364), (117, 25670), (141, 25844), (152, 25931), (173, 26033), (180, 26087), (206, 26273), (216, 26318), (225, 26360), (231, 26402), (267, 26624), (280, 26681),

Gene: Dove_36 Start: 29249, Stop: 31177, Start Num: 3
Candidate Starts for Dove_36:
(Start: 3 @29249 has 24 MA's), (37, 29495), (58, 29633), (66, 29669), (73, 29717), (93, 29873), (106, 29963), (112, 30002), (117, 30068), (119, 30080), (120, 30083), (123, 30113), (135, 30173), (152, 30320), (155, 30341), (177, 30458), (185, 30518), (189, 30539), (199, 30617), (218, 30755), (225, 30803), (233, 30863), (240, 30917), (255, 30983), (267, 31064),

Gene: DrFeelGood_30 Start: 24490, Stop: 26343, Start Num: 10
Candidate Starts for DrFeelGood_30:
(Start: 10 @24490 has 228 MA's), (14, 24571), (25, 24637), (38, 24706), (44, 24754), (48, 24781), (64, 24859), (71, 24895), (81, 24967), (117, 25273), (141, 25447), (152, 25534), (180, 25690), (206, 25876), (216, 25921), (225, 25963), (231, 26005), (267, 26227), (280, 26284),

Gene: DreamCatcher_34 Start: 25457, Stop: 27310, Start Num: 10
Candidate Starts for DreamCatcher_34:
(Start: 10 @25457 has 228 MA's), (14, 25538), (25, 25604), (38, 25673), (44, 25721), (48, 25748), (64, 25826), (71, 25862), (81, 25934), (117, 26240), (141, 26414), (152, 26501), (180, 26657), (206, 26843), (216, 26888), (225, 26930), (231, 26972), (267, 27194), (280, 27251),

Gene: DreamTeam1_31 Start: 22328, Stop: 23986, Start Num: 7

Candidate Starts for DreamTeam1_31:
(Start: 7 @22328 has 15 MA's), (9, 22334), (25, 22484), (31, 22514), (40, 22565), (49, 22631), (56, 22679), (63, 22703), (80, 22778), (98, 22892), (149, 23183), (155, 23219), (178, 23339), (196, 23453), (217, 23612), (220, 23627), (229, 23681), (278, 23870),

Gene: Dreamboat_32 Start: 24056, Stop: 25909, Start Num: 10
Candidate Starts for Dreamboat_32:
(Start: 10 @24056 has 228 MA's), (14, 24137), (25, 24203), (38, 24272), (44, 24320), (48, 24347), (64, 24425), (71, 24461), (81, 24533), (117, 24839), (141, 25013), (152, 25100), (180, 25256), (206, 25442), (216, 25487), (225, 25529), (231, 25571), (267, 25793), (280, 25850),

Gene: Dulcie_30 Start: 23753, Stop: 25606, Start Num: 10
Candidate Starts for Dulcie_30:
(Start: 10 @23753 has 228 MA's), (14, 23834), (25, 23900), (38, 23969), (41, 23993), (44, 24017), (48, 24044), (64, 24122), (71, 24158), (76, 24197), (81, 24230), (86, 24281), (117, 24536), (141, 24710), (152, 24797), (180, 24953), (216, 25184), (225, 25226), (231, 25268), (267, 25490), (280, 25547),

Gene: Duplo_34 Start: 22597, Stop: 24450, Start Num: 8
Candidate Starts for Duplo_34:
(Start: 6 @22591 has 2 MA's), (Start: 8 @22597 has 19 MA's), (19, 22717), (35, 22807), (44, 22867), (50, 22918), (71, 23011), (74, 23035), (75, 23041), (151, 23548), (164, 23617), (181, 23704), (193, 23785), (217, 23968), (254, 24187), (257, 24199), (261, 24229), (272, 24298), (278, 24322), (281, 24331), (285, 24367),

Gene: Dussy_32 Start: 24318, Stop: 26171, Start Num: 10
Candidate Starts for Dussy_32:
(Start: 10 @24318 has 228 MA's), (14, 24399), (17, 24423), (25, 24465), (38, 24534), (44, 24582), (48, 24609), (64, 24687), (71, 24723), (81, 24795), (117, 25101), (141, 25275), (152, 25362), (180, 25518), (206, 25704), (216, 25749), (225, 25791), (231, 25833), (237, 25893), (267, 26055), (280, 26112),

Gene: Dynamix_32 Start: 24135, Stop: 25988, Start Num: 10
Candidate Starts for Dynamix_32:
(Start: 10 @24135 has 228 MA's), (14, 24216), (25, 24282), (38, 24351), (44, 24399), (48, 24426), (53, 24462), (64, 24504), (71, 24540), (81, 24612), (117, 24918), (141, 25092), (152, 25179), (180, 25335), (216, 25566), (225, 25608), (231, 25650), (267, 25872), (271, 25893), (280, 25929),

Gene: Edtherson_32 Start: 24835, Stop: 26688, Start Num: 10
Candidate Starts for Edtherson_32:
(Start: 10 @24835 has 228 MA's), (14, 24916), (25, 24982), (38, 25051), (44, 25099), (48, 25126), (53, 25162), (64, 25204), (71, 25240), (81, 25312), (117, 25618), (141, 25792), (152, 25879), (180, 26035), (206, 26221), (216, 26266), (225, 26308), (231, 26350), (267, 26572), (280, 26629),

Gene: Ejimix_39 Start: 30979, Stop: 32907, Start Num: 3
Candidate Starts for Ejimix_39:
(Start: 3 @30979 has 24 MA's), (37, 31225), (58, 31363), (66, 31399), (73, 31447), (93, 31603), (106, 31693), (112, 31732), (117, 31798), (119, 31810), (120, 31813), (123, 31843), (135, 31903), (152, 32050), (155, 32071), (177, 32188), (185, 32248), (189, 32269), (199, 32347), (218, 32485), (225, 32533), (233, 32593), (240, 32647), (255, 32713), (267, 32794),

Gene: EnzoK_32 Start: 24307, Stop: 26160, Start Num: 10
Candidate Starts for EnzoK_32:
(Start: 10 @24307 has 228 MA's), (14, 24388), (25, 24454), (38, 24523), (39, 24526), (44, 24571), (48, 24598), (53, 24634), (64, 24676), (71, 24712), (117, 25090), (132, 25192), (141, 25264), (152, 25351),

(180, 25507), (216, 25738), (225, 25780), (231, 25822), (267, 26044), (271, 26065), (280, 26101),

Gene: EricMillard_39 Start: 30512, Stop: 32440, Start Num: 3
Candidate Starts for EricMillard_39:
(Start: 3 @30512 has 24 MA's), (28, 30707), (53, 30875), (66, 30932), (72, 30971), (78, 31001), (84, 31067), (112, 31265), (117, 31331), (123, 31376), (135, 31436), (154, 31595), (189, 31802), (221, 32045), (225, 32066), (233, 32126), (240, 32180), (255, 32246), (262, 32285), (280, 32384),

Gene: Espresso_31 Start: 24199, Stop: 26052, Start Num: 10
Candidate Starts for Espresso_31:
(Start: 10 @24199 has 228 MA's), (12, 24217), (14, 24280), (25, 24346), (38, 24415), (39, 24418), (44, 24463), (48, 24490), (53, 24526), (64, 24568), (71, 24604), (81, 24676), (117, 24982), (141, 25156), (152, 25243), (173, 25345), (180, 25399), (206, 25585), (225, 25672), (231, 25714), (267, 25936), (280, 25993),

Gene: Euphoria_31 Start: 24089, Stop: 25942, Start Num: 10
Candidate Starts for Euphoria_31:
(Start: 10 @24089 has 228 MA's), (14, 24170), (25, 24236), (38, 24305), (44, 24353), (48, 24380), (64, 24458), (71, 24494), (81, 24566), (117, 24872), (141, 25046), (152, 25133), (180, 25289), (206, 25475), (216, 25520), (225, 25562), (231, 25604), (267, 25826), (280, 25883),

Gene: Eyeball_31 Start: 23894, Stop: 25747, Start Num: 10
Candidate Starts for Eyeball_31:
(Start: 10 @23894 has 228 MA's), (14, 23975), (25, 24041), (38, 24110), (44, 24158), (48, 24185), (53, 24221), (64, 24263), (71, 24299), (81, 24371), (117, 24677), (138, 24821), (141, 24851), (152, 24938), (180, 25094), (206, 25280), (216, 25325), (225, 25367), (231, 25409), (267, 25631), (280, 25688),

Gene: Fajezeel_33 Start: 24404, Stop: 26257, Start Num: 10
Candidate Starts for Fajezeel_33:
(Start: 10 @24404 has 228 MA's), (14, 24485), (25, 24551), (38, 24620), (44, 24668), (48, 24695), (64, 24773), (71, 24809), (117, 25187), (141, 25361), (152, 25448), (180, 25604), (216, 25835), (225, 25877), (231, 25919), (267, 26141), (280, 26198),

Gene: Fascinus_30 Start: 23911, Stop: 25764, Start Num: 10
Candidate Starts for Fascinus_30:
(Start: 10 @23911 has 228 MA's), (14, 23992), (17, 24016), (25, 24058), (38, 24127), (44, 24175), (48, 24202), (64, 24280), (71, 24316), (81, 24388), (117, 24694), (141, 24868), (152, 24955), (180, 25111), (206, 25297), (216, 25342), (225, 25384), (231, 25426), (267, 25648), (280, 25705),

Gene: Fenn_32 Start: 25722, Stop: 27575, Start Num: 10
Candidate Starts for Fenn_32:
(Start: 10 @25722 has 228 MA's), (14, 25803), (25, 25869), (38, 25938), (44, 25986), (48, 26013), (53, 26049), (64, 26091), (71, 26127), (81, 26199), (117, 26505), (141, 26679), (152, 26766), (180, 26922), (216, 27153), (225, 27195), (231, 27237), (267, 27459), (280, 27516),

Gene: First_0031 Start: 22858, Stop: 25263, Start Num: 8
Candidate Starts for First_0031:
(Start: 8 @22858 has 19 MA's), (11, 22879), (17, 22969), (19, 22978), (23, 22999), (35, 23062), (41, 23098), (51, 23179), (70, 23248), (72, 23269), (73, 23278), (92, 23410), (105, 23500), (108, 23515), (118, 23635), (122, 23668), (124, 23677), (138, 23776), (139, 23803), (151, 24016), (167, 24106), (170, 24124), (175, 24148), (202, 24349), (211, 24388), (212, 24409), (215, 24445), (222, 24478), (225, 24499), (230, 24535), (235, 24589), (244, 24640), (249, 24661), (266, 24766), (269, 24781), (296, 24949), (302, 24991), (306, 25060), (316, 25231), (318, 25240), (319, 25246),

Gene: Forsytheast_31 Start: 24328, Stop: 26181, Start Num: 10
Candidate Starts for Forsytheast_31:
(Start: 10 @24328 has 228 MA's), (14, 24409), (25, 24475), (38, 24544), (39, 24547), (44, 24592), (48, 24619), (53, 24655), (64, 24697), (71, 24733), (81, 24805), (117, 25111), (141, 25285), (152, 25372), (171, 25471), (180, 25528), (216, 25759), (225, 25801), (231, 25843), (267, 26065), (271, 26086), (280, 26122),

Gene: Francis47_31 Start: 24594, Stop: 26447, Start Num: 10
Candidate Starts for Francis47_31:
(Start: 10 @24594 has 228 MA's), (14, 24675), (25, 24741), (38, 24810), (44, 24858), (48, 24885), (53, 24921), (64, 24963), (71, 24999), (81, 25071), (117, 25377), (132, 25479), (141, 25551), (152, 25638), (180, 25794), (216, 26025), (224, 26064), (225, 26067), (231, 26109), (267, 26331), (271, 26352), (280, 26388),

Gene: Froghopper_32 Start: 24056, Stop: 25909, Start Num: 10
Candidate Starts for Froghopper_32:
(Start: 10 @24056 has 228 MA's), (14, 24137), (17, 24161), (25, 24203), (38, 24272), (44, 24320), (48, 24347), (64, 24425), (71, 24461), (81, 24533), (117, 24839), (132, 24941), (141, 25013), (152, 25100), (180, 25256), (216, 25487), (225, 25529), (231, 25571), (267, 25793), (280, 25850),

Gene: Fushigi_32 Start: 24513, Stop: 26366, Start Num: 10
Candidate Starts for Fushigi_32:
(Start: 10 @24513 has 228 MA's), (14, 24594), (17, 24618), (25, 24660), (38, 24729), (44, 24777), (48, 24804), (64, 24882), (71, 24918), (81, 24990), (117, 25296), (141, 25470), (152, 25557), (180, 25713), (216, 25944), (225, 25986), (231, 26028), (267, 26250), (280, 26307),

Gene: GMonster_30 Start: 23473, Stop: 25326, Start Num: 10
Candidate Starts for GMonster_30:
(Start: 10 @23473 has 228 MA's), (14, 23554), (25, 23620), (38, 23689), (44, 23737), (48, 23764), (53, 23800), (64, 23842), (71, 23878), (81, 23950), (117, 24256), (141, 24430), (152, 24517), (165, 24589), (180, 24673), (216, 24904), (225, 24946), (231, 24988), (267, 25210), (271, 25231), (280, 25267),

Gene: Gachnar_31 Start: 24115, Stop: 25968, Start Num: 10
Candidate Starts for Gachnar_31:
(Start: 10 @24115 has 228 MA's), (14, 24196), (25, 24262), (38, 24331), (39, 24334), (44, 24379), (48, 24406), (53, 24442), (64, 24484), (71, 24520), (76, 24559), (86, 24643), (117, 24898), (141, 25072), (152, 25159), (180, 25315), (216, 25546), (225, 25588), (231, 25630), (267, 25852), (280, 25909),

Gene: GageAP_33 Start: 24827, Stop: 26680, Start Num: 10
Candidate Starts for GageAP_33:
(Start: 10 @24827 has 228 MA's), (14, 24908), (25, 24974), (38, 25043), (39, 25046), (44, 25091), (48, 25118), (53, 25154), (64, 25196), (71, 25232), (81, 25304), (117, 25610), (138, 25754), (141, 25784), (152, 25871), (180, 26027), (216, 26258), (225, 26300), (231, 26342), (267, 26564), (280, 26621),

Gene: Gandalf20_32 Start: 24932, Stop: 26785, Start Num: 10
Candidate Starts for Gandalf20_32:
(Start: 10 @24932 has 228 MA's), (14, 25013), (25, 25079), (38, 25148), (44, 25196), (48, 25223), (64, 25301), (71, 25337), (76, 25376), (81, 25409), (86, 25460), (117, 25715), (132, 25817), (141, 25889), (152, 25976), (180, 26132), (216, 26363), (225, 26405), (231, 26447), (267, 26669), (271, 26690), (280, 26726),

Gene: Gompeii16_31 Start: 24589, Stop: 26442, Start Num: 10

Candidate Starts for Gompeii16_31:
(Start: 10 @24589 has 228 MA's), (14, 24670), (17, 24694), (25, 24736), (38, 24805), (44, 24853), (48, 24880), (53, 24916), (64, 24958), (71, 24994), (81, 25066), (117, 25372), (132, 25474), (141, 25546), (152, 25633), (180, 25789), (216, 26020), (224, 26059), (225, 26062), (231, 26104), (267, 26326), (271, 26347), (280, 26383),

Gene: Graduation_33 Start: 24811, Stop: 26664, Start Num: 10
Candidate Starts for Graduation_33:
(Start: 10 @24811 has 228 MA's), (14, 24892), (25, 24958), (38, 25027), (39, 25030), (44, 25075), (48, 25102), (53, 25138), (64, 25180), (71, 25216), (81, 25288), (117, 25594), (141, 25768), (152, 25855), (180, 26011), (216, 26242), (225, 26284), (231, 26326), (267, 26548), (271, 26569), (280, 26605),

Gene: GrecoEtereo_33 Start: 24898, Stop: 26751, Start Num: 10
Candidate Starts for GrecoEtereo_33:
(Start: 10 @24898 has 228 MA's), (14, 24979), (25, 25045), (38, 25114), (44, 25162), (48, 25189), (64, 25267), (71, 25303), (81, 25375), (117, 25681), (141, 25855), (152, 25942), (180, 26098), (206, 26284), (216, 26329), (225, 26371), (231, 26413), (267, 26635), (280, 26692),

Gene: Greg_33 Start: 24404, Stop: 26257, Start Num: 10
Candidate Starts for Greg_33:
(Start: 10 @24404 has 228 MA's), (14, 24485), (25, 24551), (38, 24620), (44, 24668), (48, 24695), (64, 24773), (71, 24809), (117, 25187), (141, 25361), (152, 25448), (180, 25604), (216, 25835), (225, 25877), (231, 25919), (267, 26141), (280, 26198),

Gene: GroundGoblin_33 Start: 25422, Stop: 27275, Start Num: 10
Candidate Starts for GroundGoblin_33:
(Start: 10 @25422 has 228 MA's), (14, 25503), (25, 25569), (38, 25638), (44, 25686), (48, 25713), (64, 25791), (81, 25899), (117, 26205), (132, 26307), (141, 26379), (152, 26466), (180, 26622), (189, 26682), (216, 26853), (225, 26895), (231, 26937), (267, 27159), (271, 27180), (280, 27216),

Gene: Gwendoluna_33 Start: 26046, Stop: 27899, Start Num: 10
Candidate Starts for Gwendoluna_33:
(Start: 10 @26046 has 228 MA's), (14, 26127), (25, 26193), (38, 26262), (44, 26310), (48, 26337), (64, 26415), (76, 26490), (81, 26523), (86, 26574), (117, 26829), (141, 27003), (152, 27090), (173, 27192), (180, 27246), (206, 27432), (216, 27477), (225, 27519), (231, 27561), (267, 27783), (271, 27804), (280, 27840),

Gene: Gyzlar_33 Start: 25352, Stop: 27205, Start Num: 10
Candidate Starts for Gyzlar_33:
(Start: 10 @25352 has 228 MA's), (14, 25433), (25, 25499), (38, 25568), (44, 25616), (48, 25643), (64, 25721), (71, 25757), (81, 25829), (117, 26135), (141, 26309), (152, 26396), (180, 26552), (189, 26612), (206, 26738), (216, 26783), (225, 26825), (231, 26867), (267, 27089), (271, 27110), (280, 27146),

Gene: Halley_39 Start: 30225, Stop: 32153, Start Num: 3
Candidate Starts for Halley_39:
(Start: 3 @30225 has 24 MA's), (28, 30420), (53, 30588), (66, 30645), (72, 30684), (78, 30714), (84, 30780), (112, 30978), (117, 31044), (123, 31089), (135, 31149), (154, 31308), (189, 31515), (221, 31758), (225, 31779), (233, 31839), (240, 31893), (255, 31959), (262, 31998), (280, 32097),

Gene: Hami1_33 Start: 24498, Stop: 26378, Start Num: 10
Candidate Starts for Hami1_33:

(Start: 10 @24498 has 228 MA's), (14, 24579), (25, 24645), (38, 24714), (44, 24762), (48, 24789), (53, 24825), (64, 24867), (71, 24903), (81, 24975), (117, 25281), (138, 25425), (141, 25455), (152, 25542), (180, 25698), (216, 25929), (225, 25971), (231, 26013), (267, 26235), (277, 26280), (280, 26292),

Gene: HanShotFirst_31 Start: 24032, Stop: 25885, Start Num: 10
Candidate Starts for HanShotFirst_31:
(Start: 10 @24032 has 228 MA's), (14, 24113), (25, 24179), (38, 24248), (44, 24296), (48, 24323), (53, 24359), (64, 24401), (71, 24437), (81, 24509), (117, 24815), (141, 24989), (152, 25076), (180, 25232), (216, 25463), (225, 25505), (231, 25547), (267, 25769), (271, 25790), (280, 25826),

Gene: HarryOW_32 Start: 24486, Stop: 26339, Start Num: 10
Candidate Starts for HarryOW_32:
(Start: 10 @24486 has 228 MA's), (14, 24567), (25, 24633), (38, 24702), (44, 24750), (48, 24777), (64, 24855), (71, 24891), (81, 24963), (117, 25269), (141, 25443), (152, 25530), (180, 25686), (206, 25872), (216, 25917), (225, 25959), (231, 26001), (267, 26223), (280, 26280),

Gene: Hermia_34 Start: 25614, Stop: 27467, Start Num: 10
Candidate Starts for Hermia_34:
(Start: 10 @25614 has 228 MA's), (14, 25695), (25, 25761), (38, 25830), (44, 25878), (48, 25905), (64, 25983), (81, 26091), (117, 26397), (132, 26499), (141, 26571), (152, 26658), (180, 26814), (189, 26874), (216, 27045), (225, 27087), (231, 27129), (267, 27351), (271, 27372), (280, 27408),

Gene: HermioneGrange_31 Start: 24013, Stop: 25866, Start Num: 10
Candidate Starts for HermioneGrange_31:
(Start: 10 @24013 has 228 MA's), (14, 24094), (25, 24160), (38, 24229), (44, 24277), (48, 24304), (64, 24382), (71, 24418), (81, 24490), (117, 24796), (141, 24970), (152, 25057), (180, 25213), (216, 25444), (225, 25486), (231, 25528), (267, 25750), (271, 25771), (280, 25807),

Gene: Hidrated_39 Start: 32268, Stop: 34196, Start Num: 3
Candidate Starts for Hidrated_39:
(Start: 3 @32268 has 24 MA's), (28, 32463), (53, 32631), (66, 32688), (76, 32748), (78, 32757), (107, 32985), (112, 33021), (117, 33087), (123, 33132), (134, 33189), (135, 33192), (189, 33558), (218, 33774), (221, 33801), (225, 33822), (233, 33882), (240, 33936), (255, 34002),

Gene: HokkenD_34 Start: 29774, Stop: 31702, Start Num: 3
Candidate Starts for HokkenD_34:
(Start: 3 @29774 has 24 MA's), (28, 29969), (53, 30137), (66, 30194), (72, 30233), (78, 30263), (84, 30329), (112, 30527), (117, 30593), (123, 30638), (135, 30698), (154, 30857), (189, 31064), (221, 31307), (225, 31328), (233, 31388), (240, 31442), (255, 31508), (262, 31547), (280, 31646),

Gene: Homines_31 Start: 24385, Stop: 26238, Start Num: 10
Candidate Starts for Homines_31:
(Start: 10 @24385 has 228 MA's), (14, 24466), (25, 24532), (38, 24601), (44, 24649), (48, 24676), (64, 24754), (71, 24790), (81, 24862), (117, 25168), (141, 25342), (152, 25429), (180, 25585), (206, 25771), (216, 25816), (225, 25858), (231, 25900), (267, 26122), (280, 26179),

Gene: Hope4ever_31 Start: 24501, Stop: 26354, Start Num: 10
Candidate Starts for Hope4ever_31:
(Start: 10 @24501 has 228 MA's), (12, 24519), (14, 24582), (25, 24648), (38, 24717), (39, 24720), (44, 24765), (48, 24792), (53, 24828), (64, 24870), (71, 24906), (81, 24978), (115, 25269), (117, 25284), (141, 25458), (152, 25545), (180, 25701), (216, 25932), (225, 25974), (231, 26016), (267, 26238), (280, 26295),

Gene: Hughesyang_37 Start: 30122, Stop: 32050, Start Num: 3
Candidate Starts for Hughesyang_37:
(Start: 3 @30122 has 24 MA's), (37, 30368), (58, 30506), (66, 30542), (73, 30590), (93, 30746), (106, 30836), (112, 30875), (117, 30941), (119, 30953), (120, 30956), (123, 30986), (135, 31046), (152, 31193), (155, 31214), (177, 31331), (185, 31391), (189, 31412), (199, 31490), (218, 31628), (225, 31676), (233, 31736), (240, 31790), (255, 31856), (267, 31937),

Gene: ILeeKay_33 Start: 24265, Stop: 26118, Start Num: 10
Candidate Starts for ILeeKay_33:
(Start: 10 @24265 has 228 MA's), (14, 24346), (25, 24412), (38, 24481), (44, 24529), (48, 24556), (53, 24592), (64, 24634), (71, 24670), (81, 24742), (117, 25048), (141, 25222), (152, 25309), (180, 25465), (189, 25525), (206, 25651), (216, 25696), (225, 25738), (231, 25780), (267, 26002), (271, 26023), (280, 26059),

Gene: Ichabod_32 Start: 24289, Stop: 26142, Start Num: 10
Candidate Starts for Ichabod_32:
(Start: 10 @24289 has 228 MA's), (14, 24370), (25, 24436), (38, 24505), (44, 24553), (48, 24580), (53, 24616), (64, 24658), (71, 24694), (81, 24766), (117, 25072), (132, 25174), (141, 25246), (152, 25333), (180, 25489), (189, 25549), (216, 25720), (225, 25762), (231, 25804), (267, 26026), (280, 26083),

Gene: IgnatiusPatJac_31 Start: 24347, Stop: 26200, Start Num: 10
Candidate Starts for IgnatiusPatJac_31:
(Start: 10 @24347 has 228 MA's), (12, 24365), (14, 24428), (25, 24494), (38, 24563), (39, 24566), (44, 24611), (48, 24638), (53, 24674), (64, 24716), (71, 24752), (81, 24824), (117, 25130), (141, 25304), (152, 25391), (180, 25547), (189, 25607), (216, 25778), (225, 25820), (231, 25862), (267, 26084), (271, 26105), (280, 26141),

Gene: Inyanga_30 Start: 23868, Stop: 25721, Start Num: 10
Candidate Starts for Inyanga_30:
(Start: 10 @23868 has 228 MA's), (14, 23949), (25, 24015), (38, 24084), (44, 24132), (48, 24159), (64, 24237), (71, 24273), (81, 24345), (117, 24651), (141, 24825), (152, 24912), (180, 25068), (206, 25254), (216, 25299), (225, 25341), (231, 25383), (280, 25662),

Gene: Iqorha_30 Start: 23867, Stop: 25720, Start Num: 10
Candidate Starts for Iqorha_30:
(Start: 10 @23867 has 228 MA's), (14, 23948), (25, 24014), (38, 24083), (44, 24131), (48, 24158), (64, 24236), (71, 24272), (81, 24344), (117, 24650), (141, 24824), (152, 24911), (180, 25067), (206, 25253), (216, 25298), (225, 25340), (231, 25382), (280, 25661),

Gene: Iwokeuplikedis_32 Start: 22493, Stop: 24805, Start Num: 7
Candidate Starts for Iwokeuplikedis_32:
(Start: 7 @22493 has 15 MA's), (19, 22616), (20, 22622), (25, 22649), (30, 22673), (63, 22868), (92, 23054), (105, 23144), (109, 23165), (113, 23201), (118, 23279), (122, 23312), (124, 23321), (162, 23612), (167, 23633), (170, 23651), (175, 23675), (191, 23783), (202, 23876), (211, 23915), (222, 24005), (236, 24122), (244, 24167), (249, 24188), (284, 24377), (286, 24398), (298, 24506), (301, 24530), (303, 24560), (309, 24674), (310, 24680), (313, 24728), (317, 24782),

Gene: JC27_33 Start: 25001, Stop: 26854, Start Num: 10
Candidate Starts for JC27_33:
(Start: 10 @25001 has 228 MA's), (14, 25082), (25, 25148), (38, 25217), (44, 25265), (48, 25292), (64, 25370), (71, 25406), (81, 25478), (117, 25784), (141, 25958), (152, 26045), (180, 26201), (216, 26432), (225, 26474), (231, 26516), (267, 26738), (280, 26795),

Gene: JackSparrow_32 Start: 24463, Stop: 26316, Start Num: 10
Candidate Starts for JackSparrow_32:
(Start: 10 @24463 has 228 MA's), (14, 24544), (25, 24610), (38, 24679), (44, 24727), (48, 24754), (53, 24790), (64, 24832), (71, 24868), (81, 24940), (117, 25246), (141, 25420), (152, 25507), (180, 25663), (206, 25849), (216, 25894), (225, 25936), (231, 25978), (267, 26200), (280, 26257),

Gene: Jasper_32 Start: 23942, Stop: 25795, Start Num: 10
Candidate Starts for Jasper_32:
(Start: 10 @23942 has 228 MA's), (14, 24023), (25, 24089), (38, 24158), (44, 24206), (48, 24233), (64, 24311), (71, 24347), (81, 24419), (117, 24725), (141, 24899), (152, 24986), (180, 25142), (206, 25328), (216, 25373), (225, 25415), (231, 25457), (267, 25679), (280, 25736),

Gene: Jeeves_31 Start: 21978, Stop: 23861, Start Num: 7
Candidate Starts for Jeeves_31:
(Start: 7 @21978 has 15 MA's), (9, 21984), (36, 22194), (41, 22227), (44, 22251), (47, 22272), (62, 22347), (76, 22437), (90, 22551), (109, 22692), (114, 22746), (133, 22881), (139, 22935), (151, 23019), (168, 23118), (178, 23163), (190, 23247), (204, 23346), (208, 23370), (217, 23436), (220, 23451), (237, 23571), (242, 23598), (264, 23688), (272, 23724), (278, 23748), (285, 23781), (293, 23823), (294, 23850), (295, 23853),

Gene: Jerm2_32 Start: 24285, Stop: 26138, Start Num: 10
Candidate Starts for Jerm2_32:
(Start: 10 @24285 has 228 MA's), (14, 24366), (25, 24432), (38, 24501), (44, 24549), (48, 24576), (64, 24654), (71, 24690), (81, 24762), (117, 25068), (141, 25242), (152, 25329), (180, 25485), (216, 25716), (225, 25758), (231, 25800), (267, 26022), (271, 26043), (280, 26079),

Gene: Jorgensen_31 Start: 23996, Stop: 25849, Start Num: 10
Candidate Starts for Jorgensen_31:
(Start: 10 @23996 has 228 MA's), (14, 24077), (25, 24143), (38, 24212), (44, 24260), (48, 24287), (64, 24365), (81, 24473), (117, 24779), (141, 24953), (152, 25040), (171, 25139), (180, 25196), (216, 25427), (225, 25469), (231, 25511), (267, 25733), (271, 25754), (280, 25790),

Gene: Journey13_29 Start: 21908, Stop: 23737, Start Num: 8
Candidate Starts for Journey13_29:
(Start: 8 @21908 has 19 MA's), (21, 22037), (22, 22043), (41, 22154), (44, 22178), (69, 22313), (74, 22346), (75, 22352), (101, 22532), (151, 22850), (172, 22952), (175, 22973), (176, 22979), (179, 22994), (187, 23054), (191, 23081), (223, 23300), (265, 23564), (278, 23624), (294, 23726), (295, 23729),

Gene: JuicyJay_41 Start: 31975, Stop: 33903, Start Num: 3
Candidate Starts for JuicyJay_41:
(Start: 3 @31975 has 24 MA's), (28, 32170), (53, 32338), (66, 32395), (72, 32434), (78, 32464), (84, 32530), (112, 32728), (117, 32794), (123, 32839), (135, 32899), (154, 33058), (189, 33265), (221, 33508), (225, 33529), (233, 33589), (240, 33643), (255, 33709), (262, 33748), (280, 33847),

Gene: JuliaChild_33 Start: 24641, Stop: 26494, Start Num: 10
Candidate Starts for JuliaChild_33:
(Start: 10 @24641 has 228 MA's), (14, 24722), (25, 24788), (38, 24857), (44, 24905), (48, 24932), (64, 25010), (71, 25046), (81, 25118), (117, 25424), (132, 25526), (141, 25598), (152, 25685), (180, 25841), (216, 26072), (225, 26114), (231, 26156), (267, 26378), (280, 26435),

Gene: KBG_32 Start: 24995, Stop: 26998, Start Num: 10
Candidate Starts for KBG_32:

(Start: 10 @24995 has 228 MA's), (14, 25076), (17, 25100), (25, 25142), (38, 25211), (39, 25214), (44, 25259), (48, 25286), (53, 25322), (64, 25364), (71, 25400), (81, 25472), (117, 25778), (132, 25880), (141, 25952), (152, 26039), (180, 26195), (216, 26426), (224, 26465), (225, 26468), (231, 26510), (267, 26732), (277, 26777), (280, 26789),

Gene: KSSJEB_31 Start: 23889, Stop: 25742, Start Num: 10
Candidate Starts for KSSJEB_31:
(Start: 10 @23889 has 228 MA's), (14, 23970), (25, 24036), (38, 24105), (44, 24153), (48, 24180), (64, 24258), (71, 24294), (81, 24366), (117, 24672), (132, 24774), (141, 24846), (152, 24933), (180, 25089), (189, 25149), (216, 25320), (225, 25362), (231, 25404), (267, 25626), (271, 25647), (280, 25683),

Gene: Kalah2_39 Start: 30562, Stop: 32490, Start Num: 3
Candidate Starts for Kalah2_39:
(Start: 3 @30562 has 24 MA's), (28, 30757), (53, 30925), (66, 30982), (72, 31021), (78, 31051), (84, 31117), (112, 31315), (117, 31381), (123, 31426), (135, 31486), (154, 31645), (189, 31852), (221, 32095), (225, 32116), (233, 32176), (240, 32230), (255, 32296), (262, 32335), (280, 32434),

Gene: Kanely_32 Start: 24699, Stop: 26552, Start Num: 10
Candidate Starts for Kanely_32:
(Start: 10 @24699 has 228 MA's), (14, 24780), (25, 24846), (38, 24915), (44, 24963), (48, 24990), (64, 25068), (71, 25104), (81, 25176), (117, 25482), (141, 25656), (152, 25743), (180, 25899), (216, 26130), (225, 26172), (231, 26214), (267, 26436), (271, 26457), (280, 26493),

Gene: Kenmech_34 Start: 25405, Stop: 27258, Start Num: 10
Candidate Starts for Kenmech_34:
(Start: 10 @25405 has 228 MA's), (12, 25423), (14, 25486), (25, 25552), (38, 25621), (39, 25624), (44, 25669), (48, 25696), (64, 25774), (71, 25810), (81, 25882), (117, 26188), (141, 26362), (152, 26449), (180, 26605), (206, 26791), (216, 26836), (225, 26878), (231, 26920), (237, 26980), (267, 27142), (280, 27199),

Gene: Kerberos_34 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for Kerberos_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (217, 23930), (254, 24149), (257, 24161), (261, 24191), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: KikiBouba_34 Start: 25423, Stop: 27276, Start Num: 10
Candidate Starts for KikiBouba_34:
(Start: 10 @25423 has 228 MA's), (14, 25504), (25, 25570), (38, 25639), (44, 25687), (48, 25714), (64, 25792), (81, 25900), (117, 26206), (132, 26308), (141, 26380), (152, 26467), (180, 26623), (189, 26683), (216, 26854), (225, 26896), (231, 26938), (267, 27160), (271, 27181), (280, 27217),

Gene: Killigrew_29 Start: 23611, Stop: 25464, Start Num: 10
Candidate Starts for Killigrew_29:
(Start: 10 @23611 has 228 MA's), (12, 23629), (14, 23692), (25, 23758), (38, 23827), (44, 23875), (48, 23902), (53, 23938), (64, 23980), (71, 24016), (81, 24088), (117, 24394), (141, 24568), (152, 24655), (180, 24811), (206, 24997), (225, 25084), (231, 25126), (267, 25348), (271, 25369), (280, 25405),

Gene: Kinmap_31 Start: 22357, Stop: 24255, Start Num: 7
Candidate Starts for Kinmap_31:

(2, 22222), (Start: 7 @22357 has 15 MA's), (9, 22363), (23, 22507), (44, 22630), (52, 22696), (57, 22717), (90, 22936), (95, 22978), (109, 23077), (129, 23281), (139, 23362), (143, 23374), (151, 23446), (155, 23470), (167, 23536), (217, 23863), (220, 23878), (276, 24130), (283, 24154), (294, 24244), (295, 24247),

Gene: Klein_39 Start: 29786, Stop: 31714, Start Num: 3
Candidate Starts for Klein_39:
(Start: 3 @29786 has 24 MA's), (28, 29981), (53, 30149), (66, 30206), (72, 30245), (78, 30275), (84, 30341), (112, 30539), (117, 30605), (123, 30650), (135, 30710), (154, 30869), (189, 31076), (221, 31319), (225, 31340), (233, 31400), (240, 31454), (255, 31520), (262, 31559), (280, 31658),

Gene: Klodlith_31 Start: 22328, Stop: 23986, Start Num: 7
Candidate Starts for Klodlith_31:
(Start: 7 @22328 has 15 MA's), (25, 22484), (31, 22514), (40, 22565), (49, 22631), (56, 22679), (63, 22703), (80, 22778), (98, 22892), (121, 23003), (149, 23183), (155, 23219), (178, 23339), (196, 23453), (198, 23465), (217, 23612), (220, 23627), (229, 23681), (270, 23837), (278, 23870),

Gene: Kugel_32 Start: 24272, Stop: 26125, Start Num: 10
Candidate Starts for Kugel_32:
(Start: 10 @24272 has 228 MA's), (14, 24353), (25, 24419), (38, 24488), (44, 24536), (48, 24563), (64, 24641), (71, 24677), (76, 24716), (81, 24749), (86, 24800), (117, 25055), (138, 25199), (141, 25229), (152, 25316), (180, 25472), (206, 25658), (216, 25703), (225, 25745), (231, 25787), (267, 26009), (280, 26066),

Gene: KyMonks1A_33 Start: 24438, Stop: 26291, Start Num: 10
Candidate Starts for KyMonks1A_33:
(Start: 10 @24438 has 228 MA's), (14, 24519), (25, 24585), (38, 24654), (44, 24702), (64, 24807), (71, 24843), (81, 24915), (117, 25221), (132, 25323), (141, 25395), (152, 25482), (180, 25638), (216, 25869), (225, 25911), (231, 25953), (267, 26175), (280, 26232),

Gene: Kykar_31 Start: 24060, Stop: 25913, Start Num: 10
Candidate Starts for Kykar_31:
(Start: 10 @24060 has 228 MA's), (14, 24141), (25, 24207), (38, 24276), (44, 24324), (48, 24351), (64, 24429), (71, 24465), (81, 24537), (117, 24843), (141, 25017), (152, 25104), (173, 25206), (180, 25260), (216, 25491), (225, 25533), (231, 25575), (267, 25797), (271, 25818), (280, 25854),

Gene: LadyBird_31 Start: 22727, Stop: 25135, Start Num: 7
Candidate Starts for LadyBird_31:
(Start: 7 @22727 has 15 MA's), (17, 22841), (35, 22934), (41, 22970), (70, 23120), (72, 23141), (73, 23150), (92, 23282), (105, 23372), (118, 23507), (122, 23540), (124, 23549), (138, 23648), (151, 23888), (167, 23978), (170, 23996), (175, 24020), (202, 24221), (211, 24260), (212, 24281), (215, 24317), (222, 24350), (225, 24371), (230, 24407), (235, 24461), (244, 24512), (249, 24533), (266, 24638), (269, 24653), (296, 24821), (302, 24863), (306, 24932), (316, 25103), (318, 25112), (319, 25118),

Gene: Lamina13_31 Start: 23709, Stop: 25562, Start Num: 10
Candidate Starts for Lamina13_31:
(Start: 10 @23709 has 228 MA's), (14, 23790), (25, 23856), (38, 23925), (44, 23973), (48, 24000), (64, 24078), (76, 24153), (81, 24186), (86, 24237), (117, 24492), (141, 24666), (152, 24753), (180, 24909), (206, 25095), (216, 25140), (225, 25182), (231, 25224), (267, 25446), (271, 25467), (280, 25503),

Gene: Lesedi_30 Start: 23867, Stop: 25720, Start Num: 10
Candidate Starts for Lesedi_30:

(Start: 10 @23867 has 228 MA's), (14, 23948), (25, 24014), (38, 24083), (44, 24131), (48, 24158), (64, 24236), (71, 24272), (81, 24344), (117, 24650), (141, 24824), (152, 24911), (180, 25067), (216, 25298), (225, 25340), (231, 25382), (267, 25604), (271, 25625), (277, 25649), (280, 25661),

Gene: Levia_31 Start: 24856, Stop: 26709, Start Num: 10
Candidate Starts for Levia_31:
(Start: 10 @24856 has 228 MA's), (14, 24937), (25, 25003), (38, 25072), (44, 25120), (48, 25147), (53, 25183), (64, 25225), (71, 25261), (81, 25333), (117, 25639), (141, 25813), (152, 25900), (177, 26035), (180, 26056), (216, 26287), (225, 26329), (231, 26371), (267, 26593), (280, 26650),

Gene: Licorice_33 Start: 25096, Stop: 26949, Start Num: 10
Candidate Starts for Licorice_33:
(Start: 10 @25096 has 228 MA's), (14, 25177), (25, 25243), (38, 25312), (44, 25360), (48, 25387), (64, 25465), (71, 25501), (81, 25573), (117, 25879), (141, 26053), (152, 26140), (180, 26296), (216, 26527), (225, 26569), (231, 26611), (267, 26833), (280, 26890),

Gene: LilBib_32 Start: 25309, Stop: 27162, Start Num: 10
Candidate Starts for LilBib_32:
(Start: 10 @25309 has 228 MA's), (14, 25390), (25, 25456), (38, 25525), (44, 25573), (48, 25600), (64, 25678), (71, 25714), (81, 25786), (117, 26092), (141, 26266), (152, 26353), (180, 26509), (216, 26740), (225, 26782), (231, 26824), (267, 27046), (280, 27103),

Gene: Lockley_31 Start: 24050, Stop: 25903, Start Num: 10
Candidate Starts for Lockley_31:
(Start: 10 @24050 has 228 MA's), (12, 24068), (14, 24131), (25, 24197), (38, 24266), (39, 24269), (44, 24314), (48, 24341), (53, 24377), (64, 24419), (71, 24455), (81, 24527), (117, 24833), (132, 24935), (141, 25007), (152, 25094), (180, 25250), (206, 25436), (216, 25481), (225, 25523), (231, 25565), (267, 25787), (271, 25808), (280, 25844),

Gene: Lopton_32 Start: 25511, Stop: 27364, Start Num: 10
Candidate Starts for Lopton_32:
(Start: 10 @25511 has 228 MA's), (12, 25529), (14, 25592), (25, 25658), (38, 25727), (44, 25775), (48, 25802), (53, 25838), (64, 25880), (71, 25916), (81, 25988), (117, 26294), (132, 26396), (141, 26468), (152, 26555), (180, 26711), (189, 26771), (216, 26942), (225, 26984), (231, 27026), (267, 27248), (271, 27269), (280, 27305),

Gene: LunarLander_32 Start: 24212, Stop: 26065, Start Num: 10
Candidate Starts for LunarLander_32:
(Start: 10 @24212 has 228 MA's), (14, 24293), (25, 24359), (38, 24428), (44, 24476), (48, 24503), (53, 24539), (64, 24581), (71, 24617), (81, 24689), (117, 24995), (138, 25139), (141, 25169), (152, 25256), (180, 25412), (189, 25472), (206, 25598), (216, 25643), (225, 25685), (231, 25727), (267, 25949), (280, 26006),

Gene: MPlant7149_30 Start: 23639, Stop: 25492, Start Num: 10
Candidate Starts for MPlant7149_30:
(Start: 10 @23639 has 228 MA's), (14, 23720), (25, 23786), (38, 23855), (44, 23903), (48, 23930), (64, 24008), (71, 24044), (81, 24116), (117, 24422), (141, 24596), (152, 24683), (180, 24839), (216, 25070), (225, 25112), (231, 25154), (267, 25376), (280, 25433),

Gene: Magnar_31 Start: 23836, Stop: 25689, Start Num: 10
Candidate Starts for Magnar_31:
(Start: 10 @23836 has 228 MA's), (14, 23917), (25, 23983), (38, 24052), (44, 24100), (48, 24127), (64, 24205), (71, 24241), (81, 24313), (112, 24553), (117, 24619), (141, 24793), (152, 24880), (180,

25036), (216, 25267), (225, 25309), (231, 25351), (267, 25573), (271, 25594), (280, 25630),

Gene: Magnito_30 Start: 23588, Stop: 25441, Start Num: 10
Candidate Starts for Magnito_30:
(Start: 10 @23588 has 228 MA's), (14, 23669), (25, 23735), (38, 23804), (44, 23852), (48, 23879), (64, 23957), (71, 23993), (81, 24065), (117, 24371), (134, 24482), (141, 24545), (152, 24632), (180, 24788), (206, 24974), (216, 25019), (225, 25061), (231, 25103), (267, 25325), (280, 25382),

Gene: Makemake_31 Start: 25304, Stop: 27157, Start Num: 10
Candidate Starts for Makemake_31:
(Start: 10 @25304 has 228 MA's), (14, 25385), (25, 25451), (38, 25520), (44, 25568), (48, 25595), (53, 25631), (64, 25673), (71, 25709), (81, 25781), (117, 26087), (141, 26261), (152, 26348), (180, 26504), (206, 26690), (216, 26735), (225, 26777), (231, 26819), (267, 27041), (271, 27062), (280, 27098),

Gene: Malec_32 Start: 23029, Stop: 25110, Start Num: 7
Candidate Starts for Malec_32:
(Start: 7 @23029 has 15 MA's), (11, 23053), (17, 23143), (20, 23158), (39, 23257), (49, 23332), (54, 23380), (105, 23569), (111, 23608), (118, 23704), (150, 23953), (161, 24016), (170, 24061), (188, 24163), (210, 24301), (217, 24364), (223, 24394), (234, 24478), (250, 24568), (253, 24577), (256, 24592), (258, 24601), (288, 24775), (304, 24895), (305, 24934), (307, 24970), (308, 24994), (312, 25027), (314, 25096), (315, 25099),

Gene: Manatee_32 Start: 23834, Stop: 25687, Start Num: 10
Candidate Starts for Manatee_32:
(Start: 10 @23834 has 228 MA's), (14, 23915), (25, 23981), (38, 24050), (44, 24098), (48, 24125), (64, 24203), (71, 24239), (81, 24311), (117, 24617), (141, 24791), (152, 24878), (180, 25034), (206, 25220), (216, 25265), (225, 25307), (231, 25349), (267, 25571), (280, 25628),

Gene: Marcell_31 Start: 24324, Stop: 26177, Start Num: 10
Candidate Starts for Marcell_31:
(Start: 10 @24324 has 228 MA's), (14, 24405), (25, 24471), (38, 24540), (44, 24588), (48, 24615), (64, 24693), (71, 24729), (81, 24801), (117, 25107), (141, 25281), (152, 25368), (180, 25524), (216, 25755), (225, 25797), (231, 25839), (267, 26061), (280, 26118),

Gene: Marchy_30 Start: 23629, Stop: 25482, Start Num: 10
Candidate Starts for Marchy_30:
(Start: 10 @23629 has 228 MA's), (14, 23710), (25, 23776), (38, 23845), (44, 23893), (48, 23920), (53, 23956), (64, 23998), (71, 24034), (81, 24106), (117, 24412), (141, 24586), (152, 24673), (177, 24808), (180, 24829), (216, 25060), (225, 25102), (231, 25144), (267, 25366), (280, 25423),

Gene: Marco3_31 Start: 24224, Stop: 26077, Start Num: 10
Candidate Starts for Marco3_31:
(Start: 10 @24224 has 228 MA's), (14, 24305), (25, 24371), (38, 24440), (44, 24488), (48, 24515), (64, 24593), (81, 24701), (117, 25007), (141, 25181), (152, 25268), (180, 25424), (216, 25655), (225, 25697), (231, 25739), (267, 25961), (280, 26018),

Gene: Marge_32 Start: 24724, Stop: 26577, Start Num: 10
Candidate Starts for Marge_32:
(Start: 10 @24724 has 228 MA's), (14, 24805), (25, 24871), (38, 24940), (44, 24988), (48, 25015), (64, 25093), (81, 25201), (117, 25507), (141, 25681), (152, 25768), (180, 25924), (216, 26155), (225, 26197), (231, 26239), (267, 26461), (280, 26518),

Gene: Marleymoo_43 Start: 32813, Stop: 34741, Start Num: 3

Candidate Starts for Marleymoo_43:
(Start: 3 @32813 has 24 MA's), (28, 33008), (53, 33176), (66, 33233), (76, 33293), (78, 33302), (107, 33530), (112, 33566), (117, 33632), (123, 33677), (134, 33734), (135, 33737), (177, 34022), (189, 34103), (218, 34319), (221, 34346), (225, 34367), (233, 34427), (240, 34481), (255, 34547),

Gene: Maroc7_30 Start: 23828, Stop: 25681, Start Num: 10
Candidate Starts for Maroc7_30:
(Start: 10 @23828 has 228 MA's), (14, 23909), (25, 23975), (33, 24014), (38, 24044), (44, 24092), (48, 24119), (64, 24197), (71, 24233), (81, 24305), (117, 24611), (141, 24785), (152, 24872), (180, 25028), (189, 25088), (206, 25214), (216, 25259), (225, 25301), (231, 25343), (237, 25403), (267, 25565), (271, 25586), (280, 25622),

Gene: Marsha_31 Start: 24903, Stop: 26756, Start Num: 10
Candidate Starts for Marsha_31:
(Start: 10 @24903 has 228 MA's), (14, 24984), (25, 25050), (38, 25119), (44, 25167), (48, 25194), (64, 25272), (71, 25308), (81, 25380), (117, 25686), (141, 25860), (152, 25947), (180, 26103), (216, 26334), (225, 26376), (231, 26418), (267, 26640), (280, 26697),

Gene: MaryBeth_31 Start: 24256, Stop: 26109, Start Num: 10
Candidate Starts for MaryBeth_31:
(Start: 10 @24256 has 228 MA's), (14, 24337), (17, 24361), (25, 24403), (38, 24472), (44, 24520), (48, 24547), (53, 24583), (64, 24625), (71, 24661), (81, 24733), (117, 25039), (141, 25213), (152, 25300), (180, 25456), (189, 25516), (206, 25642), (216, 25687), (225, 25729), (231, 25771), (267, 25993), (280, 26050),

Gene: McGuire_32 Start: 24126, Stop: 25979, Start Num: 10
Candidate Starts for McGuire_32:
(Start: 10 @24126 has 228 MA's), (14, 24207), (25, 24273), (38, 24342), (44, 24390), (48, 24417), (53, 24453), (64, 24495), (71, 24531), (81, 24603), (117, 24909), (141, 25083), (152, 25170), (180, 25326), (206, 25512), (216, 25557), (225, 25599), (231, 25641), (267, 25863), (280, 25920),

Gene: McSinger_32 Start: 24518, Stop: 26371, Start Num: 10
Candidate Starts for McSinger_32:
(Start: 10 @24518 has 228 MA's), (14, 24599), (25, 24665), (38, 24734), (44, 24782), (48, 24809), (64, 24887), (71, 24923), (81, 24995), (117, 25301), (141, 25475), (152, 25562), (180, 25718), (216, 25949), (225, 25991), (231, 26033), (267, 26255), (271, 26276), (280, 26312),

Gene: MegTheThird_31 Start: 22321, Stop: 24066, Start Num: 7
Candidate Starts for MegTheThird_31:
(Start: 7 @22321 has 15 MA's), (25, 22477), (40, 22558), (49, 22624), (56, 22672), (63, 22696), (72, 22741), (80, 22771), (98, 22885), (136, 23062), (169, 23293), (178, 23332), (196, 23446), (217, 23605), (220, 23620), (252, 23806), (259, 23836), (270, 23917), (278, 23950), (292, 24022), (294, 24052), (295, 24055),

Gene: MetalQZJ_31 Start: 24256, Stop: 26109, Start Num: 10
Candidate Starts for MetalQZJ_31:
(Start: 10 @24256 has 228 MA's), (14, 24337), (17, 24361), (25, 24403), (38, 24472), (44, 24520), (48, 24547), (53, 24583), (64, 24625), (71, 24661), (81, 24733), (117, 25039), (141, 25213), (152, 25300), (180, 25456), (189, 25516), (206, 25642), (216, 25687), (225, 25729), (231, 25771), (267, 25993), (280, 26050),

Gene: Michley_31 Start: 23953, Stop: 25806, Start Num: 10
Candidate Starts for Michley_31:

(Start: 10 @23953 has 228 MA's), (14, 24034), (25, 24100), (32, 24136), (38, 24169), (44, 24217), (48, 24244), (64, 24322), (71, 24358), (76, 24397), (81, 24430), (86, 24481), (117, 24736), (141, 24910), (152, 24997), (180, 25153), (206, 25339), (216, 25384), (225, 25426), (231, 25468), (267, 25690), (280, 25747),

Gene: MilleFeuille_30 Start: 23941, Stop: 25794, Start Num: 10
Candidate Starts for MilleFeuille_30:
(Start: 10 @23941 has 228 MA's), (14, 24022), (25, 24088), (38, 24157), (44, 24205), (48, 24232), (64, 24310), (71, 24346), (81, 24418), (117, 24724), (141, 24898), (152, 24985), (177, 25120), (180, 25141), (206, 25327), (216, 25372), (225, 25414), (231, 25456), (267, 25678), (277, 25723), (280, 25735),

Gene: Minispark_29 Start: 22236, Stop: 23978, Start Num: 7
Candidate Starts for Minispark_29:
(Start: 7 @22236 has 15 MA's), (9, 22242), (19, 22359), (25, 22392), (44, 22509), (49, 22539), (56, 22587), (60, 22596), (61, 22599), (80, 22686), (85, 22731), (91, 22758), (103, 22833), (121, 22911), (136, 22977), (151, 23103), (220, 23535), (227, 23580), (249, 23712), (276, 23853), (278, 23865), (287, 23904), (294, 23967),

Gene: MissWhite_31 Start: 21856, Stop: 23703, Start Num: 8
Candidate Starts for MissWhite_31:
(Start: 8 @21856 has 19 MA's), (11, 21877), (21, 21985), (41, 22102), (44, 22126), (77, 22306), (89, 22402), (100, 22474), (140, 22711), (151, 22795), (153, 22807), (157, 22828), (166, 22876), (175, 22921), (176, 22927), (179, 22942), (181, 22957), (184, 22990), (187, 23002), (195, 23053), (217, 23221), (226, 23266), (228, 23284), (265, 23512), (272, 23548), (281, 23581),

Gene: Mkhuseli_32 Start: 24151, Stop: 26004, Start Num: 10
Candidate Starts for Mkhuseli_32:
(Start: 10 @24151 has 228 MA's), (14, 24232), (25, 24298), (38, 24367), (44, 24415), (48, 24442), (64, 24520), (71, 24556), (81, 24628), (117, 24934), (141, 25108), (152, 25195), (180, 25351), (206, 25537), (216, 25582), (225, 25624), (231, 25666), (267, 25888), (280, 25945),

Gene: Molly_32 Start: 23924, Stop: 25777, Start Num: 10
Candidate Starts for Molly_32:
(Start: 10 @23924 has 228 MA's), (14, 24005), (25, 24071), (38, 24140), (44, 24188), (48, 24215), (64, 24293), (71, 24329), (81, 24401), (117, 24707), (132, 24809), (141, 24881), (152, 24968), (180, 25124), (216, 25355), (225, 25397), (231, 25439), (267, 25661), (280, 25718),

Gene: Monet_33 Start: 25352, Stop: 27205, Start Num: 10
Candidate Starts for Monet_33:
(Start: 10 @25352 has 228 MA's), (14, 25433), (25, 25499), (38, 25568), (44, 25616), (48, 25643), (64, 25721), (71, 25757), (76, 25796), (81, 25829), (86, 25880), (117, 26135), (141, 26309), (152, 26396), (180, 26552), (206, 26738), (216, 26783), (225, 26825), (231, 26867), (267, 27089), (280, 27146),

Gene: Moose_31 Start: 24328, Stop: 26181, Start Num: 10
Candidate Starts for Moose_31:
(Start: 10 @24328 has 228 MA's), (14, 24409), (25, 24475), (38, 24544), (39, 24547), (44, 24592), (48, 24619), (53, 24655), (64, 24697), (71, 24733), (81, 24805), (117, 25111), (141, 25285), (152, 25372), (171, 25471), (180, 25528), (216, 25759), (225, 25801), (231, 25843), (267, 26065), (271, 26086), (280, 26122),

Gene: MrGordo_31 Start: 23816, Stop: 25669, Start Num: 10
Candidate Starts for MrGordo_31:

(Start: 10 @23816 has 228 MA's), (14, 23897), (25, 23963), (38, 24032), (44, 24080), (48, 24107), (64, 24185), (81, 24293), (117, 24599), (141, 24773), (152, 24860), (180, 25016), (206, 25202), (216, 25247), (225, 25289), (231, 25331), (267, 25553), (280, 25610),

Gene: Mryolo_30 Start: 23853, Stop: 25706, Start Num: 10
Candidate Starts for Mryolo_30:
(Start: 10 @23853 has 228 MA's), (14, 23934), (25, 24000), (38, 24069), (44, 24117), (48, 24144), (53, 24180), (64, 24222), (71, 24258), (81, 24330), (117, 24636), (141, 24810), (152, 24897), (180, 25053), (206, 25239), (216, 25284), (225, 25326), (231, 25368), (267, 25590), (280, 25647),

Gene: Mule_31 Start: 24162, Stop: 26015, Start Num: 10
Candidate Starts for Mule_31:
(Start: 10 @24162 has 228 MA's), (14, 24243), (25, 24309), (38, 24378), (44, 24426), (48, 24453), (64, 24531), (71, 24567), (81, 24639), (117, 24945), (141, 25119), (152, 25206), (180, 25362), (216, 25593), (225, 25635), (231, 25677), (267, 25899), (271, 25920), (280, 25956),

Gene: Museum_33 Start: 24172, Stop: 26025, Start Num: 10
Candidate Starts for Museum_33:
(Start: 10 @24172 has 228 MA's), (14, 24253), (25, 24319), (38, 24388), (44, 24436), (48, 24463), (53, 24499), (64, 24541), (71, 24577), (81, 24649), (117, 24955), (132, 25057), (141, 25129), (152, 25216), (180, 25372), (216, 25603), (225, 25645), (231, 25687), (267, 25909), (271, 25930), (280, 25966),

Gene: NEHalo_31 Start: 23910, Stop: 25763, Start Num: 10
Candidate Starts for NEHalo_31:
(Start: 10 @23910 has 228 MA's), (14, 23991), (25, 24057), (38, 24126), (44, 24174), (48, 24201), (64, 24279), (71, 24315), (76, 24354), (81, 24387), (86, 24438), (117, 24693), (141, 24867), (152, 24954), (180, 25110), (206, 25296), (216, 25341), (225, 25383), (231, 25425), (267, 25647), (271, 25668), (280, 25704),

Gene: Naira_32 Start: 25769, Stop: 27622, Start Num: 10
Candidate Starts for Naira_32:
(Start: 10 @25769 has 228 MA's), (14, 25850), (25, 25916), (38, 25985), (44, 26033), (48, 26060), (64, 26138), (71, 26174), (81, 26246), (117, 26552), (141, 26726), (152, 26813), (180, 26969), (216, 27200), (225, 27242), (231, 27284), (267, 27506), (280, 27563),

Gene: Naji_34 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for Naji_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (261, 24191), (263, 24206), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: Nekros_36 Start: 29735, Stop: 31666, Start Num: 3
Candidate Starts for Nekros_36:
(Start: 3 @29735 has 24 MA's), (13, 29822), (18, 29873), (27, 29924), (34, 29966), (40, 29999), (66, 30155), (72, 30194), (92, 30341), (93, 30359), (112, 30488), (117, 30554), (119, 30566), (120, 30569), (123, 30599), (134, 30656), (148, 30782), (177, 30944), (189, 31025), (199, 31103), (213, 31196), (225, 31289), (255, 31469), (278, 31601), (280, 31607), (290, 31652),

Gene: Nerujay_32 Start: 24578, Stop: 26431, Start Num: 10
Candidate Starts for Nerujay_32:
(Start: 10 @24578 has 228 MA's), (14, 24659), (25, 24725), (38, 24794), (44, 24842), (48, 24869), (53, 24905), (64, 24947), (71, 24983), (81, 25055), (117, 25361), (132, 25463), (141, 25535), (152, 25622), (180, 25778), (206, 25964), (216, 26009), (225, 26051), (231, 26093), (267, 26315), (280, 26372),

Gene: Nhonho_31 Start: 24329, Stop: 26182, Start Num: 10
Candidate Starts for Nhonho_31:
(Start: 10 @24329 has 228 MA's), (14, 24410), (25, 24476), (38, 24545), (44, 24593), (48, 24620), (64, 24698), (71, 24734), (81, 24806), (117, 25112), (141, 25286), (152, 25373), (180, 25529), (189, 25589), (206, 25715), (216, 25760), (225, 25802), (231, 25844), (267, 26066), (280, 26123),

Gene: NihilNomen_38 Start: 30270, Stop: 32198, Start Num: 3
Candidate Starts for NihilNomen_38:
(Start: 3 @30270 has 24 MA's), (37, 30516), (58, 30654), (66, 30690), (73, 30738), (93, 30894), (106, 30984), (112, 31023), (117, 31089), (119, 31101), (120, 31104), (123, 31134), (135, 31194), (152, 31341), (155, 31362), (177, 31479), (185, 31539), (189, 31560), (199, 31638), (218, 31776), (225, 31824), (233, 31884), (240, 31938), (255, 32004), (267, 32085),

Gene: Niza_33 Start: 25206, Stop: 27059, Start Num: 10
Candidate Starts for Niza_33:
(Start: 10 @25206 has 228 MA's), (14, 25287), (25, 25353), (38, 25422), (44, 25470), (48, 25497), (64, 25575), (71, 25611), (81, 25683), (117, 25989), (141, 26163), (152, 26250), (180, 26406), (206, 26592), (216, 26637), (225, 26679), (231, 26721), (267, 26943), (280, 27000),

Gene: Norz_33 Start: 24985, Stop: 26838, Start Num: 10
Candidate Starts for Norz_33:
(Start: 10 @24985 has 228 MA's), (14, 25066), (25, 25132), (38, 25201), (44, 25249), (48, 25276), (64, 25354), (71, 25390), (81, 25462), (117, 25768), (141, 25942), (152, 26029), (180, 26185), (216, 26416), (225, 26458), (231, 26500), (267, 26722), (271, 26743), (280, 26779),

Gene: Noxious_34 Start: 25614, Stop: 27467, Start Num: 10
Candidate Starts for Noxious_34:
(Start: 10 @25614 has 228 MA's), (14, 25695), (25, 25761), (38, 25830), (44, 25878), (48, 25905), (64, 25983), (81, 26091), (117, 26397), (132, 26499), (141, 26571), (152, 26658), (180, 26814), (189, 26874), (216, 27045), (225, 27087), (231, 27129), (267, 27351), (271, 27372), (280, 27408),

Gene: Odette_38 Start: 29503, Stop: 31431, Start Num: 3
Candidate Starts for Odette_38:
(Start: 3 @29503 has 24 MA's), (37, 29749), (58, 29887), (66, 29923), (73, 29971), (93, 30127), (106, 30217), (112, 30256), (117, 30322), (119, 30334), (120, 30337), (123, 30367), (135, 30427), (152, 30574), (155, 30595), (177, 30712), (185, 30772), (189, 30793), (199, 30871), (218, 31009), (225, 31057), (233, 31117), (240, 31171), (255, 31237), (267, 31318),

Gene: Ohno789_31 Start: 23971, Stop: 25824, Start Num: 10
Candidate Starts for Ohno789_31:
(Start: 10 @23971 has 228 MA's), (12, 23989), (14, 24052), (25, 24118), (38, 24187), (44, 24235), (48, 24262), (64, 24340), (76, 24415), (81, 24448), (86, 24499), (117, 24754), (141, 24928), (152, 25015), (180, 25171), (189, 25231), (206, 25357), (216, 25402), (225, 25444), (231, 25486), (267, 25708), (271, 25729), (280, 25765),

Gene: Oogway_30 Start: 24093, Stop: 25946, Start Num: 10
Candidate Starts for Oogway_30:
(Start: 10 @24093 has 228 MA's), (14, 24174), (25, 24240), (38, 24309), (44, 24357), (48, 24384), (64, 24462), (71, 24498), (81, 24570), (117, 24876), (141, 25050), (152, 25137), (180, 25293), (216, 25524), (225, 25566), (231, 25608), (267, 25830), (271, 25851), (280, 25887),

Gene: PSullivan_33 Start: 24641, Stop: 26494, Start Num: 10

Candidate Starts for PSullivan_33:
(Start: 10 @24641 has 228 MA's), (14, 24722), (25, 24788), (38, 24857), (44, 24905), (64, 25010), (71, 25046), (81, 25118), (117, 25424), (132, 25526), (141, 25598), (152, 25685), (180, 25841), (216, 26072), (225, 26114), (231, 26156), (267, 26378), (280, 26435),

Gene: PacerPaul_31 Start: 24325, Stop: 26178, Start Num: 10
Candidate Starts for PacerPaul_31:
(Start: 10 @24325 has 228 MA's), (14, 24406), (25, 24472), (38, 24541), (44, 24589), (48, 24616), (53, 24652), (64, 24694), (71, 24730), (81, 24802), (117, 25108), (132, 25210), (141, 25282), (152, 25369), (180, 25525), (216, 25756), (224, 25795), (225, 25798), (231, 25840), (267, 26062), (271, 26083), (280, 26119),

Gene: Papez_33 Start: 25809, Stop: 27662, Start Num: 10
Candidate Starts for Papez_33:
(Start: 10 @25809 has 228 MA's), (14, 25890), (25, 25956), (38, 26025), (44, 26073), (48, 26100), (64, 26178), (81, 26286), (117, 26592), (141, 26766), (152, 26853), (180, 27009), (206, 27195), (216, 27240), (225, 27282), (231, 27324), (267, 27546), (280, 27603),

Gene: Paphu_30 Start: 23838, Stop: 25694, Start Num: 10
Candidate Starts for Paphu_30:
(Start: 10 @23838 has 228 MA's), (14, 23919), (25, 23985), (38, 24054), (44, 24102), (48, 24129), (64, 24207), (71, 24243), (81, 24315), (117, 24621), (141, 24795), (152, 24885), (180, 25041), (216, 25272), (225, 25314), (231, 25356), (267, 25578), (280, 25635),

Gene: Paraselene_30 Start: 24313, Stop: 26166, Start Num: 10
Candidate Starts for Paraselene_30:
(Start: 10 @24313 has 228 MA's), (12, 24331), (14, 24394), (24, 24457), (25, 24460), (38, 24529), (44, 24577), (48, 24604), (64, 24682), (76, 24757), (81, 24790), (86, 24841), (112, 25030), (117, 25096), (141, 25270), (152, 25357), (180, 25513), (216, 25744), (225, 25786), (231, 25828), (267, 26050), (280, 26107),

Gene: Pari_32 Start: 23845, Stop: 25698, Start Num: 10
Candidate Starts for Pari_32:
(Start: 10 @23845 has 228 MA's), (12, 23863), (14, 23926), (25, 23992), (38, 24061), (44, 24109), (48, 24136), (64, 24214), (71, 24250), (76, 24289), (81, 24322), (86, 24373), (117, 24628), (141, 24802), (152, 24889), (180, 25045), (206, 25231), (216, 25276), (225, 25318), (231, 25360), (267, 25582), (271, 25603), (280, 25639),

Gene: Parliament_30 Start: 24180, Stop: 26033, Start Num: 10
Candidate Starts for Parliament_30:
(Start: 10 @24180 has 228 MA's), (14, 24261), (25, 24327), (38, 24396), (44, 24444), (48, 24471), (64, 24549), (76, 24624), (81, 24657), (86, 24708), (117, 24963), (141, 25137), (152, 25224), (180, 25380), (216, 25611), (225, 25653), (231, 25695), (267, 25917), (271, 25938), (280, 25974),

Gene: PascalRango_32 Start: 24148, Stop: 26001, Start Num: 10
Candidate Starts for PascalRango_32:
(Start: 10 @24148 has 228 MA's), (12, 24166), (14, 24229), (25, 24295), (38, 24364), (39, 24367), (44, 24412), (48, 24439), (53, 24475), (64, 24517), (71, 24553), (81, 24625), (117, 24931), (141, 25105), (152, 25192), (180, 25348), (216, 25579), (225, 25621), (231, 25663), (267, 25885), (271, 25906), (280, 25942),

Gene: PattyP_33 Start: 24381, Stop: 26234, Start Num: 10
Candidate Starts for PattyP_33:

(Start: 10 @24381 has 228 MA's), (14, 24462), (25, 24528), (38, 24597), (44, 24645), (48, 24672), (53, 24708), (64, 24750), (71, 24786), (81, 24858), (117, 25164), (132, 25266), (141, 25338), (152, 25425), (180, 25581), (216, 25812), (225, 25854), (231, 25896), (267, 26118), (280, 26175),

Gene: Payneful_31 Start: 23629, Stop: 25482, Start Num: 10
Candidate Starts for Payneful_31:
(Start: 10 @23629 has 228 MA's), (14, 23710), (25, 23776), (38, 23845), (44, 23893), (48, 23920), (53, 23956), (64, 23998), (71, 24034), (81, 24106), (117, 24412), (141, 24586), (152, 24673), (177, 24808), (180, 24829), (216, 25060), (225, 25102), (231, 25144), (267, 25366), (280, 25423),

Gene: Pelly_32 Start: 24800, Stop: 26653, Start Num: 10
Candidate Starts for Pelly_32:
(Start: 10 @24800 has 228 MA's), (14, 24881), (25, 24947), (38, 25016), (44, 25064), (48, 25091), (64, 25169), (71, 25205), (81, 25277), (117, 25583), (141, 25757), (152, 25844), (180, 26000), (206, 26186), (216, 26231), (225, 26273), (231, 26315), (267, 26537), (280, 26594),

Gene: Pepe_32 Start: 24982, Stop: 26835, Start Num: 10
Candidate Starts for Pepe_32:
(Start: 10 @24982 has 228 MA's), (14, 25063), (25, 25129), (38, 25198), (44, 25246), (48, 25273), (64, 25351), (71, 25387), (81, 25459), (117, 25765), (132, 25867), (141, 25939), (152, 26026), (180, 26182), (216, 26413), (225, 26455), (231, 26497), (267, 26719), (277, 26764), (280, 26776),

Gene: Perseus_33 Start: 24997, Stop: 26850, Start Num: 10
Candidate Starts for Perseus_33:
(Start: 10 @24997 has 228 MA's), (14, 25078), (25, 25144), (38, 25213), (44, 25261), (64, 25366), (71, 25402), (81, 25474), (117, 25780), (141, 25954), (152, 26041), (180, 26197), (216, 26428), (225, 26470), (231, 26512), (267, 26734), (280, 26791),

Gene: Peterson_34 Start: 26010, Stop: 27860, Start Num: 10
Candidate Starts for Peterson_34:
(Start: 10 @26010 has 228 MA's), (14, 26091), (25, 26157), (30, 26181), (33, 26196), (44, 26274), (48, 26301), (66, 26394), (81, 26487), (83, 26505), (87, 26541), (94, 26598), (117, 26793), (179, 27198), (180, 27210), (225, 27483), (280, 27804),

Gene: Petp2012_33 Start: 25052, Stop: 26905, Start Num: 10
Candidate Starts for Petp2012_33:
(Start: 10 @25052 has 228 MA's), (14, 25133), (25, 25199), (38, 25268), (44, 25316), (48, 25343), (53, 25379), (64, 25421), (71, 25457), (81, 25529), (117, 25835), (132, 25937), (141, 26009), (152, 26096), (180, 26252), (216, 26483), (225, 26525), (231, 26567), (267, 26789), (271, 26810), (280, 26846),

Gene: Petruchio_32 Start: 24510, Stop: 26363, Start Num: 10
Candidate Starts for Petruchio_32:
(Start: 10 @24510 has 228 MA's), (14, 24591), (25, 24657), (38, 24726), (44, 24774), (48, 24801), (64, 24879), (71, 24915), (81, 24987), (117, 25293), (138, 25437), (141, 25467), (152, 25554), (180, 25710), (216, 25941), (225, 25983), (231, 26025), (267, 26247), (271, 26268), (280, 26304),

Gene: Pharaoh_31 Start: 23870, Stop: 25669, Start Num: 5
Candidate Starts for Pharaoh_31:
(Start: 5 @23870 has 1 MA's), (16, 23975), (25, 24026), (26, 24029), (30, 24050), (31, 24056), (35, 24083), (55, 24224), (57, 24230), (63, 24245), (70, 24269), (72, 24290), (73, 24299), (90, 24425), (96, 24470), (106, 24536), (110, 24557), (128, 24635), (137, 24677), (142, 24734), (144, 24755), (145, 24764), (147, 24791), (154, 24827), (160, 24866), (163, 24887), (174, 24926), (207, 25160), (216, 25232), (241, 25400), (247, 25427),

Gene: PherrisBueller_32 Start: 23965, Stop: 25818, Start Num: 10
Candidate Starts for PherrisBueller_32:
(Start: 10 @23965 has 228 MA's), (14, 24046), (25, 24112), (38, 24181), (44, 24229), (48, 24256), (53, 24292), (64, 24334), (71, 24370), (81, 24442), (117, 24748), (132, 24850), (141, 24922), (152, 25009), (180, 25165), (206, 25351), (216, 25396), (225, 25438), (231, 25480), (267, 25702), (280, 25759),

Gene: PhineBark_30 Start: 24856, Stop: 26709, Start Num: 10
Candidate Starts for PhineBark_30:
(Start: 10 @24856 has 228 MA's), (14, 24937), (25, 25003), (38, 25072), (44, 25120), (48, 25147), (53, 25183), (64, 25225), (71, 25261), (81, 25333), (117, 25639), (141, 25813), (152, 25900), (177, 26035), (180, 26056), (216, 26287), (225, 26329), (231, 26371), (267, 26593), (280, 26650),

Gene: Phlippers_30 Start: 25181, Stop: 27034, Start Num: 10
Candidate Starts for Phlippers_30:
(Start: 10 @25181 has 228 MA's), (14, 25262), (25, 25328), (38, 25397), (39, 25400), (44, 25445), (48, 25472), (53, 25508), (64, 25550), (71, 25586), (81, 25658), (117, 25964), (141, 26138), (152, 26225), (180, 26381), (216, 26612), (225, 26654), (231, 26696), (267, 26918), (271, 26939), (280, 26975),

Gene: Phoebus_38 Start: 30512, Stop: 32440, Start Num: 3
Candidate Starts for Phoebus_38:
(Start: 3 @30512 has 24 MA's), (28, 30707), (53, 30875), (66, 30932), (72, 30971), (78, 31001), (84, 31067), (112, 31265), (117, 31331), (123, 31376), (135, 31436), (154, 31595), (189, 31802), (221, 32045), (225, 32066), (233, 32126), (240, 32180), (255, 32246), (262, 32285), (280, 32384),

Gene: PhrostyMug_31 Start: 24159, Stop: 26012, Start Num: 10
Candidate Starts for PhrostyMug_31:
(Start: 10 @24159 has 228 MA's), (14, 24240), (25, 24306), (38, 24375), (44, 24423), (48, 24450), (64, 24528), (71, 24564), (81, 24636), (117, 24942), (141, 25116), (152, 25203), (180, 25359), (216, 25590), (225, 25632), (231, 25674), (267, 25896), (271, 25917), (280, 25953),

Gene: PinkPlastic_30 Start: 23899, Stop: 25752, Start Num: 10
Candidate Starts for PinkPlastic_30:
(Start: 10 @23899 has 228 MA's), (14, 23980), (25, 24046), (38, 24115), (44, 24163), (48, 24190), (64, 24268), (71, 24304), (81, 24376), (117, 24682), (141, 24856), (152, 24943), (180, 25099), (216, 25330), (225, 25372), (231, 25414), (267, 25636), (271, 25657), (280, 25693),

Gene: Pinto_34 Start: 24712, Stop: 26565, Start Num: 10
Candidate Starts for Pinto_34:
(Start: 10 @24712 has 228 MA's), (14, 24793), (25, 24859), (38, 24928), (44, 24976), (48, 25003), (64, 25081), (71, 25117), (81, 25189), (117, 25495), (141, 25669), (152, 25756), (180, 25912), (206, 26098), (216, 26143), (225, 26185), (231, 26227), (267, 26449), (277, 26494), (280, 26506),

Gene: Pippin_33 Start: 24463, Stop: 26316, Start Num: 10
Candidate Starts for Pippin_33:
(Start: 10 @24463 has 228 MA's), (14, 24544), (25, 24610), (38, 24679), (44, 24727), (48, 24754), (64, 24832), (71, 24868), (81, 24940), (117, 25246), (132, 25348), (134, 25357), (141, 25420), (152, 25507), (180, 25663), (216, 25894), (231, 25978), (267, 26200), (280, 26257),

Gene: Pita2_33 Start: 24641, Stop: 26494, Start Num: 10
Candidate Starts for Pita2_33:
(Start: 10 @24641 has 228 MA's), (14, 24722), (25, 24788), (38, 24857), (44, 24905), (64, 25010), (71, 25046), (81, 25118), (117, 25424), (132, 25526), (141, 25598), (152, 25685), (180, 25841), (216,

26072), (225, 26114), (231, 26156), (267, 26378), (280, 26435),

Gene: Pomar16_34 Start: 22600, Stop: 24453, Start Num: 8
Candidate Starts for Pomar16_34:
(Start: 6 @22594 has 2 MA's), (Start: 8 @22600 has 19 MA's), (19, 22720), (35, 22810), (44, 22870), (47, 22894), (50, 22921), (71, 23014), (74, 23038), (75, 23044), (151, 23551), (164, 23620), (193, 23788), (217, 23971), (261, 24232), (263, 24247), (272, 24301), (275, 24310), (278, 24325), (281, 24334), (285, 24370),

Gene: Pound_40 Start: 31501, Stop: 33429, Start Num: 3
Candidate Starts for Pound_40:
(Start: 3 @31501 has 24 MA's), (37, 31747), (58, 31885), (66, 31921), (73, 31969), (93, 32125), (106, 32215), (112, 32254), (117, 32320), (119, 32332), (120, 32335), (123, 32365), (135, 32425), (152, 32572), (155, 32593), (177, 32710), (185, 32770), (189, 32791), (199, 32869), (218, 33007), (225, 33055), (233, 33115), (240, 33169), (255, 33235), (267, 33316),

Gene: PowerRanger_32 Start: 25616, Stop: 27469, Start Num: 10
Candidate Starts for PowerRanger_32:
(Start: 10 @25616 has 228 MA's), (12, 25634), (14, 25697), (17, 25721), (25, 25763), (38, 25832), (44, 25880), (48, 25907), (64, 25985), (71, 26021), (81, 26093), (117, 26399), (141, 26573), (152, 26660), (180, 26816), (216, 27047), (225, 27089), (231, 27131), (267, 27353), (280, 27410),

Gene: ProMouse_32 Start: 24604, Stop: 26457, Start Num: 10
Candidate Starts for ProMouse_32:
(Start: 10 @24604 has 228 MA's), (12, 24622), (14, 24685), (25, 24751), (38, 24820), (39, 24823), (44, 24868), (48, 24895), (53, 24931), (64, 24973), (71, 25009), (117, 25387), (141, 25561), (152, 25648), (180, 25804), (206, 25990), (216, 26035), (225, 26077), (231, 26119), (267, 26341), (271, 26362), (280, 26398),

Gene: Puppet_31 Start: 24163, Stop: 26016, Start Num: 10
Candidate Starts for Puppet_31:
(Start: 10 @24163 has 228 MA's), (14, 24244), (25, 24310), (38, 24379), (44, 24427), (48, 24454), (64, 24532), (81, 24640), (117, 24946), (138, 25090), (141, 25120), (152, 25207), (180, 25363), (206, 25549), (216, 25594), (225, 25636), (231, 25678), (267, 25900), (280, 25957),

Gene: QTRlifeCrisis_31 Start: 24719, Stop: 26572, Start Num: 10
Candidate Starts for QTRlifeCrisis_31:
(Start: 10 @24719 has 228 MA's), (14, 24800), (25, 24866), (38, 24935), (44, 24983), (48, 25010), (64, 25088), (71, 25124), (81, 25196), (117, 25502), (141, 25676), (152, 25763), (180, 25919), (206, 26105), (216, 26150), (225, 26192), (231, 26234), (267, 26456), (280, 26513),

Gene: Rahalelujah_30 Start: 22236, Stop: 23978, Start Num: 7
Candidate Starts for Rahalelujah_30:
(Start: 7 @22236 has 15 MA's), (9, 22242), (19, 22359), (25, 22392), (44, 22509), (49, 22539), (56, 22587), (60, 22596), (61, 22599), (80, 22686), (85, 22731), (91, 22758), (103, 22833), (121, 22911), (136, 22977), (151, 23103), (220, 23535), (227, 23580), (249, 23712), (276, 23853), (278, 23865), (287, 23904), (294, 23967),

Gene: Raid_31 Start: 24168, Stop: 26021, Start Num: 10
Candidate Starts for Raid_31:
(Start: 10 @24168 has 228 MA's), (14, 24249), (25, 24315), (38, 24384), (39, 24387), (44, 24432), (48, 24459), (53, 24495), (64, 24537), (71, 24573), (81, 24645), (117, 24951), (141, 25125), (152, 25212), (180, 25368), (216, 25599), (225, 25641), (231, 25683), (267, 25905), (277, 25950), (280, 25962),

Gene: Rearden_33 Start: 26522, Stop: 28450, Start Num: 3
Candidate Starts for Rearden_33:
(Start: 3 @26522 has 24 MA's), (37, 26768), (66, 26942), (73, 26990), (112, 27275), (117, 27341), (119, 27353), (120, 27356), (123, 27386), (135, 27446), (141, 27506), (152, 27593), (155, 27614), (177, 27731), (190, 27824), (195, 27851), (197, 27860), (199, 27890), (218, 28028), (221, 28055), (225, 28076), (233, 28136), (238, 28181), (240, 28190), (290, 28439),

Gene: Redno2_37 Start: 29975, Stop: 31903, Start Num: 3
Candidate Starts for Redno2_37:
(Start: 3 @29975 has 24 MA's), (28, 30170), (53, 30338), (66, 30395), (72, 30434), (78, 30464), (84, 30530), (112, 30728), (117, 30794), (123, 30839), (135, 30899), (154, 31058), (189, 31265), (221, 31508), (225, 31529), (233, 31589), (240, 31643), (255, 31709), (262, 31748), (280, 31847),

Gene: Refuge_35 Start: 26208, Stop: 28022, Start Num: 4
Candidate Starts for Refuge_35:
(Start: 4 @26208 has 2 MA's), (17, 26340), (19, 26349), (20, 26355), (54, 26577), (63, 26601), (69, 26622), (72, 26646), (82, 26718), (88, 26766), (90, 26784), (96, 26829), (106, 26895), (110, 26916), (124, 26964), (126, 26985), (128, 26994), (135, 27033), (137, 27036), (142, 27093), (144, 27114), (147, 27150), (154, 27186), (156, 27204), (158, 27210), (160, 27225), (183, 27348), (190, 27396), (214, 27567), (226, 27642),

Gene: Rhynn_31 Start: 24168, Stop: 26021, Start Num: 10
Candidate Starts for Rhynn_31:
(Start: 10 @24168 has 228 MA's), (14, 24249), (25, 24315), (38, 24384), (44, 24432), (48, 24459), (64, 24537), (71, 24573), (81, 24645), (117, 24951), (141, 25125), (152, 25212), (180, 25368), (216, 25599), (225, 25641), (231, 25683), (267, 25905), (271, 25926), (280, 25962),

Gene: RidgeCB_31 Start: 23896, Stop: 25749, Start Num: 10
Candidate Starts for RidgeCB_31:
(Start: 10 @23896 has 228 MA's), (14, 23977), (25, 24043), (38, 24112), (44, 24160), (48, 24187), (53, 24223), (64, 24265), (71, 24301), (81, 24373), (117, 24679), (141, 24853), (152, 24940), (180, 25096), (206, 25282), (216, 25327), (225, 25369), (231, 25411), (267, 25633), (280, 25690),

Gene: Ringer_31 Start: 24820, Stop: 26673, Start Num: 10
Candidate Starts for Ringer_31:
(Start: 10 @24820 has 228 MA's), (14, 24901), (25, 24967), (38, 25036), (44, 25084), (48, 25111), (64, 25189), (71, 25225), (76, 25264), (86, 25348), (117, 25603), (141, 25777), (152, 25864), (180, 26020), (206, 26206), (216, 26251), (225, 26293), (231, 26335), (267, 26557), (277, 26602), (280, 26614),

Gene: Rohr_32 Start: 24318, Stop: 26171, Start Num: 10
Candidate Starts for Rohr_32:
(Start: 10 @24318 has 228 MA's), (14, 24399), (25, 24465), (38, 24534), (44, 24582), (48, 24609), (64, 24687), (71, 24723), (81, 24795), (117, 25101), (141, 25275), (152, 25362), (180, 25518), (216, 25749), (225, 25791), (231, 25833), (267, 26055), (271, 26076), (280, 26112),

Gene: Rubeus_32 Start: 24203, Stop: 26056, Start Num: 10
Candidate Starts for Rubeus_32:
(Start: 10 @24203 has 228 MA's), (14, 24284), (25, 24350), (38, 24419), (44, 24467), (48, 24494), (64, 24572), (76, 24647), (81, 24680), (86, 24731), (117, 24986), (141, 25160), (152, 25247), (180, 25403), (206, 25589), (216, 25634), (225, 25676), (231, 25718), (267, 25940), (271, 25961), (280, 25997),

Gene: Rufus_32 Start: 24505, Stop: 26358, Start Num: 10

Candidate Starts for Rufus_32:
(Start: 10 @24505 has 228 MA's), (12, 24523), (14, 24586), (25, 24652), (38, 24721), (44, 24769), (48, 24796), (64, 24874), (71, 24910), (81, 24982), (117, 25288), (141, 25462), (152, 25549), (180, 25705), (216, 25936), (225, 25978), (231, 26020), (267, 26242), (280, 26299),

Gene: Ruotula_30 Start: 24709, Stop: 26562, Start Num: 10
Candidate Starts for Ruotula_30:
(Start: 10 @24709 has 228 MA's), (14, 24790), (25, 24856), (38, 24925), (44, 24973), (48, 25000), (64, 25078), (71, 25114), (81, 25186), (117, 25492), (141, 25666), (152, 25753), (180, 25909), (206, 26095), (216, 26140), (225, 26182), (231, 26224), (267, 26446), (280, 26503),

Gene: Rutherferd_33 Start: 24774, Stop: 26627, Start Num: 10
Candidate Starts for Rutherferd_33:
(Start: 10 @24774 has 228 MA's), (14, 24855), (25, 24921), (38, 24990), (44, 25038), (48, 25065), (53, 25101), (64, 25143), (71, 25179), (81, 25251), (117, 25557), (141, 25731), (152, 25818), (180, 25974), (206, 26160), (216, 26205), (225, 26247), (231, 26289), (267, 26511), (280, 26568),

Gene: STLscum_32 Start: 24912, Stop: 26765, Start Num: 10
Candidate Starts for STLscum_32:
(Start: 10 @24912 has 228 MA's), (14, 24993), (25, 25059), (38, 25128), (44, 25176), (48, 25203), (64, 25281), (71, 25317), (81, 25389), (117, 25695), (134, 25806), (141, 25869), (152, 25956), (180, 26112), (189, 26172), (206, 26298), (216, 26343), (225, 26385), (231, 26427), (267, 26649), (280, 26706),

Gene: Sagefire_32 Start: 24945, Stop: 26798, Start Num: 10
Candidate Starts for Sagefire_32:
(Start: 10 @24945 has 228 MA's), (14, 25026), (25, 25092), (38, 25161), (44, 25209), (48, 25236), (64, 25314), (71, 25350), (76, 25389), (81, 25422), (86, 25473), (117, 25728), (141, 25902), (152, 25989), (180, 26145), (216, 26376), (225, 26418), (231, 26460), (267, 26682), (280, 26739),

Gene: Sandaddy_30 Start: 24058, Stop: 25911, Start Num: 10
Candidate Starts for Sandaddy_30:
(Start: 10 @24058 has 228 MA's), (14, 24139), (25, 24205), (38, 24274), (44, 24322), (48, 24349), (64, 24427), (81, 24535), (117, 24841), (141, 25015), (152, 25102), (180, 25258), (206, 25444), (216, 25489), (225, 25531), (231, 25573), (267, 25795), (271, 25816), (280, 25852),

Gene: Sanya_31 Start: 24742, Stop: 26595, Start Num: 10
Candidate Starts for Sanya_31:
(Start: 10 @24742 has 228 MA's), (12, 24760), (14, 24823), (25, 24889), (38, 24958), (44, 25006), (48, 25033), (53, 25069), (64, 25111), (71, 25147), (81, 25219), (117, 25525), (141, 25699), (152, 25786), (180, 25942), (216, 26173), (225, 26215), (231, 26257), (267, 26479), (280, 26536),

Gene: SarFire_31 Start: 24220, Stop: 26073, Start Num: 10
Candidate Starts for SarFire_31:
(Start: 10 @24220 has 228 MA's), (14, 24301), (25, 24367), (38, 24436), (39, 24439), (44, 24484), (48, 24511), (53, 24547), (64, 24589), (71, 24625), (81, 24697), (117, 25003), (141, 25177), (152, 25264), (180, 25420), (206, 25606), (216, 25651), (225, 25693), (231, 25735), (267, 25957), (280, 26014),

Gene: Schatzie_36 Start: 29251, Stop: 31179, Start Num: 3
Candidate Starts for Schatzie_36:
(Start: 3 @29251 has 24 MA's), (37, 29497), (58, 29635), (66, 29671), (73, 29719), (93, 29875), (106, 29965), (112, 30004), (117, 30070), (119, 30082), (120, 30085), (123, 30115), (135, 30175), (152, 30322), (155, 30343), (177, 30460), (185, 30520), (189, 30541), (199, 30619), (218, 30757), (225,

30805), (233, 30865), (240, 30919), (255, 30985), (267, 31066),

Gene: Seabiscuit_33 Start: 24126, Stop: 25979, Start Num: 10
Candidate Starts for Seabiscuit_33:
(Start: 10 @24126 has 228 MA's), (14, 24207), (25, 24273), (38, 24342), (44, 24390), (48, 24417), (53, 24453), (64, 24495), (71, 24531), (81, 24603), (117, 24909), (132, 25011), (141, 25083), (152, 25170), (180, 25326), (216, 25557), (225, 25599), (231, 25641), (267, 25863), (271, 25884), (280, 25920),

Gene: Seanderson_32 Start: 24600, Stop: 26453, Start Num: 10
Candidate Starts for Seanderson_32:
(Start: 10 @24600 has 228 MA's), (14, 24681), (17, 24705), (25, 24747), (38, 24816), (44, 24864), (48, 24891), (64, 24969), (71, 25005), (81, 25077), (117, 25383), (141, 25557), (152, 25644), (180, 25800), (216, 26031), (225, 26073), (231, 26115), (267, 26337), (280, 26394),

Gene: SheaKeira_31 Start: 22351, Stop: 24009, Start Num: 7
Candidate Starts for SheaKeira_31:
(Start: 7 @22351 has 15 MA's), (15, 22453), (25, 22507), (30, 22531), (31, 22537), (43, 22618), (44, 22624), (49, 22654), (56, 22702), (63, 22726), (80, 22801), (136, 23092), (167, 23308), (178, 23362), (196, 23476), (198, 23488), (217, 23635), (220, 23650), (274, 23875), (289, 23938),

Gene: ShortQueendom_31 Start: 24040, Stop: 25893, Start Num: 10
Candidate Starts for ShortQueendom_31:
(Start: 10 @24040 has 228 MA's), (14, 24121), (25, 24187), (38, 24256), (44, 24304), (48, 24331), (64, 24409), (71, 24445), (81, 24517), (117, 24823), (141, 24997), (152, 25084), (171, 25183), (180, 25240), (189, 25300), (216, 25471), (225, 25513), (231, 25555), (267, 25777), (280, 25834),

Gene: Sibs6_33 Start: 24685, Stop: 26538, Start Num: 10
Candidate Starts for Sibs6_33:
(Start: 10 @24685 has 228 MA's), (14, 24766), (25, 24832), (38, 24901), (44, 24949), (48, 24976), (64, 25054), (71, 25090), (81, 25162), (117, 25468), (141, 25642), (152, 25729), (180, 25885), (206, 26071), (216, 26116), (225, 26158), (231, 26200), (267, 26422), (271, 26443), (280, 26479),

Gene: SkiPole_33 Start: 24424, Stop: 26277, Start Num: 10
Candidate Starts for SkiPole_33:
(Start: 10 @24424 has 228 MA's), (14, 24505), (25, 24571), (38, 24640), (39, 24643), (44, 24688), (48, 24715), (53, 24751), (64, 24793), (71, 24829), (76, 24868), (81, 24901), (86, 24952), (117, 25207), (141, 25381), (152, 25468), (180, 25624), (206, 25810), (216, 25855), (225, 25897), (231, 25939), (267, 26161), (271, 26182), (280, 26218),

Gene: Slagathor_32 Start: 24085, Stop: 25938, Start Num: 10
Candidate Starts for Slagathor_32:
(Start: 10 @24085 has 228 MA's), (14, 24166), (25, 24232), (38, 24301), (44, 24349), (48, 24376), (64, 24454), (71, 24490), (81, 24562), (117, 24868), (141, 25042), (152, 25129), (180, 25285), (206, 25471), (216, 25516), (225, 25558), (231, 25600), (237, 25660), (267, 25822), (271, 25843), (280, 25879),

Gene: Smairt_32 Start: 24813, Stop: 26666, Start Num: 10
Candidate Starts for Smairt_32:
(Start: 10 @24813 has 228 MA's), (14, 24894), (25, 24960), (38, 25029), (39, 25032), (44, 25077), (48, 25104), (53, 25140), (64, 25182), (71, 25218), (81, 25290), (117, 25596), (141, 25770), (152, 25857), (180, 26013), (206, 26199), (216, 26244), (225, 26286), (231, 26328), (267, 26550), (280, 26607),

Gene: Smeagol_33 Start: 25439, Stop: 27289, Start Num: 10

Candidate Starts for Smeagol_33:
(Start: 10 @25439 has 228 MA's), (14, 25520), (25, 25586), (44, 25703), (48, 25730), (66, 25823), (81, 25916), (83, 25934), (87, 25970), (94, 26027), (117, 26222), (134, 26333), (179, 26627), (180, 26639), (225, 26912), (280, 27233),

Gene: Snazzy_30 Start: 23999, Stop: 25852, Start Num: 10
Candidate Starts for Snazzy_30:
(Start: 10 @23999 has 228 MA's), (14, 24080), (25, 24146), (38, 24215), (44, 24263), (48, 24290), (64, 24368), (71, 24404), (76, 24443), (81, 24476), (86, 24527), (117, 24782), (141, 24956), (152, 25043), (180, 25199), (216, 25430), (225, 25472), (231, 25514), (267, 25736), (280, 25793),

Gene: Solon_31 Start: 24711, Stop: 26564, Start Num: 10
Candidate Starts for Solon_31:
(Start: 10 @24711 has 228 MA's), (14, 24792), (25, 24858), (38, 24927), (44, 24975), (48, 25002), (64, 25080), (71, 25116), (81, 25188), (117, 25494), (141, 25668), (152, 25755), (180, 25911), (189, 25971), (206, 26097), (216, 26142), (225, 26184), (231, 26226), (267, 26448), (271, 26469), (280, 26505),

Gene: Sorpresa_31 Start: 24058, Stop: 25911, Start Num: 10
Candidate Starts for Sorpresa_31:
(Start: 10 @24058 has 228 MA's), (14, 24139), (25, 24205), (38, 24274), (44, 24322), (48, 24349), (64, 24427), (81, 24535), (117, 24841), (141, 25015), (152, 25102), (180, 25258), (206, 25444), (216, 25489), (225, 25531), (231, 25573), (267, 25795), (271, 25816), (280, 25852),

Gene: SpikeBT_33 Start: 25016, Stop: 26869, Start Num: 10
Candidate Starts for SpikeBT_33:
(Start: 10 @25016 has 228 MA's), (14, 25097), (25, 25163), (38, 25232), (44, 25280), (48, 25307), (64, 25385), (71, 25421), (81, 25493), (117, 25799), (132, 25901), (141, 25973), (152, 26060), (180, 26216), (216, 26447), (225, 26489), (231, 26531), (267, 26753), (271, 26774), (280, 26810),

Gene: Squee_32 Start: 24965, Stop: 26818, Start Num: 10
Candidate Starts for Squee_32:
(Start: 10 @24965 has 228 MA's), (14, 25046), (25, 25112), (38, 25181), (44, 25229), (48, 25256), (64, 25334), (117, 25748), (141, 25922), (152, 26009), (180, 26165), (216, 26396), (225, 26438), (231, 26480), (267, 26702), (280, 26759),

Gene: StarStuff_34 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for StarStuff_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (217, 23930), (254, 24149), (257, 24161), (261, 24191), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: Steamy_33 Start: 24406, Stop: 26205, Start Num: 8
Candidate Starts for Steamy_33:
(1, 24217), (Start: 8 @24406 has 19 MA's), (25, 24559), (30, 24583), (31, 24589), (41, 24652), (44, 24676), (46, 24697), (57, 24763), (63, 24778), (73, 24832), (90, 24958), (96, 25003), (106, 25069), (110, 25090), (124, 25138), (126, 25159), (128, 25168), (135, 25207), (142, 25267), (144, 25288), (152, 25348), (154, 25360), (160, 25399), (163, 25420), (182, 25510), (190, 25570), (196, 25600), (207, 25693), (209, 25699), (219, 25774), (243, 25942), (246, 25960), (291, 26179),

Gene: StewieG_30 Start: 23901, Stop: 25754, Start Num: 10
Candidate Starts for StewieG_30:

(Start: 10 @23901 has 228 MA's), (14, 23982), (25, 24048), (38, 24117), (44, 24165), (64, 24270), (71, 24306), (81, 24378), (117, 24684), (132, 24786), (141, 24858), (152, 24945), (180, 25101), (216, 25332), (225, 25374), (231, 25416), (232, 25419), (267, 25638), (271, 25659), (280, 25695),

Gene: StrongArm_30 Start: 25100, Stop: 26953, Start Num: 10
Candidate Starts for StrongArm_30:
(Start: 10 @25100 has 228 MA's), (14, 25181), (25, 25247), (38, 25316), (44, 25364), (48, 25391), (64, 25469), (71, 25505), (81, 25577), (117, 25883), (141, 26057), (152, 26144), (180, 26300), (216, 26531), (225, 26573), (231, 26615), (267, 26837), (280, 26894),

Gene: Sumter_30 Start: 23649, Stop: 25502, Start Num: 10
Candidate Starts for Sumter_30:
(Start: 10 @23649 has 228 MA's), (14, 23730), (25, 23796), (38, 23865), (44, 23913), (48, 23940), (64, 24018), (81, 24126), (117, 24432), (141, 24606), (152, 24693), (180, 24849), (206, 25035), (216, 25080), (225, 25122), (231, 25164), (267, 25386), (280, 25443),

Gene: Sunhee_31 Start: 22065, Stop: 23957, Start Num: 8
Candidate Starts for Sunhee_31:
(Start: 8 @22065 has 19 MA's), (11, 22086), (31, 22248), (36, 22278), (42, 22323), (44, 22335), (76, 22524), (79, 22536), (90, 22638), (127, 22980), (129, 22983), (139, 23064), (146, 23124), (151, 23148), (169, 23253), (178, 23292), (186, 23349), (187, 23352), (217, 23565), (220, 23580), (237, 23700), (294, 23946), (295, 23949),

Gene: Sunshine924_32 Start: 23930, Stop: 25783, Start Num: 10
Candidate Starts for Sunshine924_32:
(Start: 10 @23930 has 228 MA's), (12, 23948), (14, 24011), (25, 24077), (38, 24146), (39, 24149), (44, 24194), (48, 24221), (53, 24257), (64, 24299), (71, 24335), (81, 24407), (117, 24713), (141, 24887), (152, 24974), (180, 25130), (206, 25316), (216, 25361), (225, 25403), (231, 25445), (267, 25667), (271, 25688), (280, 25724),

Gene: SwissCheese_33 Start: 24828, Stop: 26681, Start Num: 10
Candidate Starts for SwissCheese_33:
(Start: 10 @24828 has 228 MA's), (14, 24909), (25, 24975), (38, 25044), (39, 25047), (44, 25092), (48, 25119), (53, 25155), (64, 25197), (71, 25233), (81, 25305), (117, 25611), (141, 25785), (152, 25872), (171, 25971), (180, 26028), (216, 26259), (225, 26301), (231, 26343), (267, 26565), (271, 26586), (280, 26622),

Gene: Switzer_32 Start: 24232, Stop: 26085, Start Num: 10
Candidate Starts for Switzer_32:
(Start: 10 @24232 has 228 MA's), (14, 24313), (25, 24379), (38, 24448), (44, 24496), (48, 24523), (64, 24601), (71, 24637), (81, 24709), (117, 25015), (141, 25189), (152, 25276), (180, 25432), (216, 25663), (225, 25705), (231, 25747), (267, 25969), (280, 26026),

Gene: Swole_33 Start: 24641, Stop: 26494, Start Num: 10
Candidate Starts for Swole_33:
(Start: 10 @24641 has 228 MA's), (14, 24722), (25, 24788), (38, 24857), (44, 24905), (48, 24932), (64, 25010), (71, 25046), (81, 25118), (117, 25424), (132, 25526), (141, 25598), (152, 25685), (180, 25841), (216, 26072), (225, 26114), (231, 26156), (267, 26378), (280, 26435),

Gene: Target_34 Start: 25615, Stop: 27468, Start Num: 10
Candidate Starts for Target_34:
(Start: 10 @25615 has 228 MA's), (14, 25696), (25, 25762), (38, 25831), (44, 25879), (48, 25906), (64, 25984), (71, 26020), (81, 26092), (117, 26398), (141, 26572), (152, 26659), (173, 26761), (180,

26815), (216, 27046), (225, 27088), (231, 27130), (267, 27352), (280, 27409),

Gene: Tasp14_32 Start: 24345, Stop: 26186, Start Num: 10
Candidate Starts for Tasp14_32:
(Start: 10 @24345 has 228 MA's), (14, 24426), (25, 24492), (38, 24561), (44, 24609), (48, 24636), (64, 24714), (76, 24789), (81, 24822), (86, 24873), (117, 25128), (141, 25302), (152, 25389), (180, 25545), (206, 25731), (216, 25776), (225, 25818), (231, 25860), (267, 26082), (268, 26091), (280, 26127),

Gene: Teodoridan_29 Start: 23466, Stop: 25316, Start Num: 10
Candidate Starts for Teodoridan_29:
(Start: 10 @23466 has 228 MA's), (14, 23547), (25, 23613), (38, 23682), (44, 23730), (48, 23757), (64, 23835), (71, 23871), (81, 23943), (117, 24249), (141, 24423), (152, 24510), (173, 24612), (180, 24666), (216, 24897), (225, 24939), (231, 24981), (267, 25203), (271, 25224), (280, 25260),

Gene: TheloniousMonk_33 Start: 25759, Stop: 27612, Start Num: 10
Candidate Starts for TheloniousMonk_33:
(Start: 10 @25759 has 228 MA's), (14, 25840), (25, 25906), (38, 25975), (44, 26023), (48, 26050), (64, 26128), (71, 26164), (81, 26236), (117, 26542), (141, 26716), (152, 26803), (180, 26959), (206, 27145), (216, 27190), (225, 27232), (231, 27274), (267, 27496), (280, 27553),

Gene: Thibault_35 Start: 30372, Stop: 32300, Start Num: 3
Candidate Starts for Thibault_35:
(Start: 3 @30372 has 24 MA's), (28, 30567), (53, 30735), (66, 30792), (76, 30852), (78, 30861), (107, 31089), (112, 31125), (117, 31191), (134, 31293), (135, 31296), (177, 31581), (189, 31662), (218, 31878), (221, 31905), (225, 31926), (233, 31986), (240, 32040), (255, 32106),

Gene: Thor_31 Start: 24220, Stop: 26073, Start Num: 10
Candidate Starts for Thor_31:
(Start: 10 @24220 has 228 MA's), (14, 24301), (25, 24367), (38, 24436), (39, 24439), (44, 24484), (48, 24511), (53, 24547), (64, 24589), (71, 24625), (81, 24697), (117, 25003), (141, 25177), (152, 25264), (180, 25420), (206, 25606), (216, 25651), (225, 25693), (231, 25735), (267, 25957), (280, 26014),

Gene: ThreeRngTarjay_37 Start: 30362, Stop: 32290, Start Num: 3
Candidate Starts for ThreeRngTarjay_37:
(Start: 3 @30362 has 24 MA's), (28, 30557), (53, 30725), (66, 30782), (72, 30821), (78, 30851), (84, 30917), (112, 31115), (117, 31181), (123, 31226), (135, 31286), (154, 31445), (189, 31652), (221, 31895), (225, 31916), (233, 31976), (240, 32030), (255, 32096), (262, 32135), (280, 32234),

Gene: TipsytheTRex_30 Start: 21878, Stop: 23713, Start Num: 7
Candidate Starts for TipsytheTRex_30:
(Start: 7 @21878 has 15 MA's), (19, 22001), (22, 22016), (25, 22034), (35, 22091), (42, 22139), (44, 22151), (65, 22262), (74, 22319), (75, 22325), (101, 22505), (116, 22589), (125, 22640), (130, 22661), (140, 22727), (151, 22811), (153, 22823), (175, 22931), (187, 23012), (200, 23111), (217, 23231), (252, 23435), (254, 23450), (272, 23561), (282, 23603),

Gene: Toaka_30 Start: 22544, Stop: 24361, Start Num: 7
Candidate Starts for Toaka_30:
(Start: 7 @22544 has 15 MA's), (9, 22550), (16, 22649), (41, 22793), (44, 22817), (97, 23180), (98, 23183), (103, 23216), (121, 23294), (127, 23318), (131, 23336), (136, 23360), (151, 23486), (167, 23576), (190, 23714), (220, 23918), (227, 23963), (229, 23972), (239, 24047), (240, 24050), (294, 24350),

Gene: Tomathan_34 Start: 22559, Stop: 24412, Start Num: 8

Candidate Starts for Tomathan_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (217, 23930), (254, 24149), (257, 24161), (261, 24191), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: Topgun_31 Start: 23973, Stop: 25826, Start Num: 10
Candidate Starts for Topgun_31:
(Start: 10 @23973 has 228 MA's), (14, 24054), (25, 24120), (38, 24189), (39, 24192), (44, 24237), (48, 24264), (53, 24300), (64, 24342), (71, 24378), (81, 24450), (117, 24756), (138, 24900), (141, 24930), (152, 25017), (180, 25173), (216, 25404), (225, 25446), (231, 25488), (267, 25710), (280, 25767),

Gene: Tote_33 Start: 24641, Stop: 26494, Start Num: 10
Candidate Starts for Tote_33:
(Start: 10 @24641 has 228 MA's), (14, 24722), (25, 24788), (38, 24857), (44, 24905), (48, 24932), (64, 25010), (71, 25046), (81, 25118), (117, 25424), (132, 25526), (141, 25598), (152, 25685), (180, 25841), (216, 26072), (225, 26114), (231, 26156), (267, 26378), (280, 26435),

Gene: Traft412_33 Start: 25016, Stop: 26869, Start Num: 10
Candidate Starts for Traft412_33:
(Start: 10 @25016 has 228 MA's), (14, 25097), (25, 25163), (38, 25232), (44, 25280), (48, 25307), (64, 25385), (71, 25421), (76, 25460), (81, 25493), (117, 25799), (132, 25901), (141, 25973), (152, 26060), (180, 26216), (189, 26276), (206, 26402), (216, 26447), (225, 26489), (231, 26531), (267, 26753), (280, 26810),

Gene: Travvers_34 Start: 22559, Stop: 24412, Start Num: 8
Candidate Starts for Travvers_34:
(Start: 6 @22553 has 2 MA's), (Start: 8 @22559 has 19 MA's), (19, 22679), (35, 22769), (44, 22829), (50, 22880), (71, 22973), (74, 22997), (75, 23003), (151, 23510), (164, 23579), (181, 23666), (193, 23747), (261, 24191), (263, 24206), (272, 24260), (278, 24284), (281, 24293), (285, 24329),

Gene: Treddle_33 Start: 25306, Stop: 27159, Start Num: 10
Candidate Starts for Treddle_33:
(Start: 10 @25306 has 228 MA's), (14, 25387), (25, 25453), (38, 25522), (44, 25570), (48, 25597), (53, 25633), (64, 25675), (71, 25711), (81, 25783), (117, 26089), (141, 26263), (152, 26350), (180, 26506), (206, 26692), (216, 26737), (225, 26779), (231, 26821), (267, 27043), (280, 27100),

Gene: Tripl3t_32 Start: 24972, Stop: 26825, Start Num: 10
Candidate Starts for Tripl3t_32:
(Start: 10 @24972 has 228 MA's), (14, 25053), (25, 25119), (38, 25188), (44, 25236), (48, 25263), (53, 25299), (64, 25341), (71, 25377), (81, 25449), (117, 25755), (141, 25929), (152, 26016), (180, 26172), (206, 26358), (216, 26403), (225, 26445), (231, 26487), (267, 26709), (280, 26766),

Gene: Trouble_32 Start: 24919, Stop: 26772, Start Num: 10
Candidate Starts for Trouble_32:
(Start: 10 @24919 has 228 MA's), (14, 25000), (25, 25066), (38, 25135), (44, 25183), (48, 25210), (53, 25246), (64, 25288), (71, 25324), (81, 25396), (117, 25702), (141, 25876), (152, 25963), (180, 26119), (216, 26350), (225, 26392), (231, 26434), (267, 26656), (280, 26713),

Gene: Turj99_30 Start: 23859, Stop: 25712, Start Num: 10
Candidate Starts for Turj99_30:
(Start: 10 @23859 has 228 MA's), (14, 23940), (25, 24006), (38, 24075), (44, 24123), (48, 24150), (64, 24228), (71, 24264), (81, 24336), (117, 24642), (134, 24753), (141, 24816), (152, 24903), (180,

25059), (206, 25245), (216, 25290), (225, 25332), (231, 25374), (267, 25596), (280, 25653),

Gene: TwoPeat_32 Start: 24440, Stop: 26293, Start Num: 10
Candidate Starts for TwoPeat_32:
(Start: 10 @24440 has 228 MA's), (14, 24521), (25, 24587), (38, 24656), (44, 24704), (48, 24731), (64, 24809), (71, 24845), (76, 24884), (81, 24917), (86, 24968), (117, 25223), (141, 25397), (152, 25484), (180, 25640), (206, 25826), (216, 25871), (225, 25913), (231, 25955), (267, 26177), (271, 26198), (280, 26234),

Gene: U2_31 Start: 24238, Stop: 26091, Start Num: 10
Candidate Starts for U2_31:
(Start: 10 @24238 has 228 MA's), (12, 24256), (14, 24319), (25, 24385), (38, 24454), (44, 24502), (48, 24529), (64, 24607), (71, 24643), (81, 24715), (117, 25021), (141, 25195), (152, 25282), (180, 25438), (206, 25624), (216, 25669), (225, 25711), (231, 25753), (267, 25975), (280, 26032),

Gene: VA6_31 Start: 22715, Stop: 24568, Start Num: 8
Candidate Starts for VA6_31:
(Start: 6 @22709 has 2 MA's), (Start: 8 @22715 has 19 MA's), (19, 22835), (35, 22925), (44, 22985), (47, 23009), (50, 23036), (71, 23129), (74, 23153), (75, 23159), (89, 23261), (151, 23666), (164, 23735), (193, 23903), (203, 23990), (217, 24086), (239, 24233), (261, 24347), (272, 24416), (278, 24440), (284, 24470), (285, 24485),

Gene: VC3_34 Start: 22703, Stop: 24556, Start Num: 8
Candidate Starts for VC3_34:
(Start: 6 @22697 has 2 MA's), (Start: 8 @22703 has 19 MA's), (19, 22823), (35, 22913), (44, 22973), (47, 22997), (50, 23024), (71, 23117), (74, 23141), (75, 23147), (89, 23249), (151, 23654), (164, 23723), (193, 23891), (203, 23978), (217, 24074), (239, 24221), (261, 24335), (272, 24404), (278, 24428), (284, 24458), (285, 24473),

Gene: Violet_30 Start: 24645, Stop: 26498, Start Num: 10
Candidate Starts for Violet_30:
(Start: 10 @24645 has 228 MA's), (14, 24726), (25, 24792), (38, 24861), (44, 24909), (48, 24936), (64, 25014), (71, 25050), (76, 25089), (81, 25122), (86, 25173), (117, 25428), (141, 25602), (152, 25689), (180, 25845), (216, 26076), (225, 26118), (231, 26160), (237, 26220), (267, 26382), (271, 26403), (280, 26439),

Gene: Watermelon_33 Start: 24981, Stop: 26834, Start Num: 10
Candidate Starts for Watermelon_33:
(Start: 10 @24981 has 228 MA's), (14, 25062), (25, 25128), (38, 25197), (44, 25245), (48, 25272), (64, 25350), (71, 25386), (81, 25458), (117, 25764), (141, 25938), (152, 26025), (180, 26181), (206, 26367), (216, 26412), (225, 26454), (231, 26496), (267, 26718), (280, 26775),

Gene: Wheeler_31 Start: 24413, Stop: 26266, Start Num: 10
Candidate Starts for Wheeler_31:
(Start: 10 @24413 has 228 MA's), (14, 24494), (25, 24560), (38, 24629), (44, 24677), (48, 24704), (64, 24782), (71, 24818), (81, 24890), (117, 25196), (141, 25370), (152, 25457), (180, 25613), (206, 25799), (216, 25844), (225, 25886), (231, 25928), (267, 26150), (280, 26207),

Gene: Whitspit_32 Start: 24765, Stop: 26618, Start Num: 10
Candidate Starts for Whitspit_32:
(Start: 10 @24765 has 228 MA's), (14, 24846), (25, 24912), (38, 24981), (44, 25029), (48, 25056), (53, 25092), (64, 25134), (71, 25170), (81, 25242), (117, 25548), (132, 25650), (141, 25722), (152, 25809), (180, 25965), (216, 26196), (225, 26238), (231, 26280), (267, 26502), (271, 26523), (280, 26559),

Gene: Wilkins_31 Start: 23904, Stop: 25757, Start Num: 10
Candidate Starts for Wilkins_31:
(Start: 10 @23904 has 228 MA's), (14, 23985), (25, 24051), (38, 24120), (44, 24168), (48, 24195), (53, 24231), (64, 24273), (71, 24309), (81, 24381), (117, 24687), (141, 24861), (152, 24948), (180, 25104), (206, 25290), (216, 25335), (225, 25377), (231, 25419), (267, 25641), (280, 25698),

Gene: WorldCup_29 Start: 22236, Stop: 23978, Start Num: 7
Candidate Starts for WorldCup_29:
(Start: 7 @22236 has 15 MA's), (9, 22242), (19, 22359), (25, 22392), (44, 22509), (49, 22539), (56, 22587), (60, 22596), (61, 22599), (80, 22686), (85, 22731), (91, 22758), (103, 22833), (121, 22911), (136, 22977), (151, 23103), (220, 23535), (227, 23580), (249, 23712), (276, 23853), (278, 23865), (287, 23904), (294, 23967),

Gene: Xiaokay_36 Start: 29776, Stop: 31704, Start Num: 3
Candidate Starts for Xiaokay_36:
(Start: 3 @29776 has 24 MA's), (28, 29971), (53, 30139), (66, 30196), (76, 30256), (78, 30265), (107, 30493), (112, 30529), (117, 30595), (123, 30640), (134, 30697), (135, 30700), (189, 31066), (218, 31282), (221, 31309), (225, 31330), (233, 31390), (240, 31444), (255, 31510),

Gene: Yecey3_32 Start: 22435, Stop: 24132, Start Num: 6
Candidate Starts for Yecey3_32:
(Start: 6 @22435 has 2 MA's), (15, 22540), (25, 22594), (31, 22624), (41, 22687), (44, 22711), (59, 22789), (67, 22810), (68, 22813), (78, 22864), (89, 22885), (101, 22963), (102, 22966), (151, 23278), (152, 23281), (158, 23314), (159, 23320), (175, 23404), (176, 23410), (179, 23425), (187, 23485), (205, 23617), (217, 23704), (237, 23839), (242, 23866), (263, 23941), (265, 23956), (272, 23992), (278, 24016), (285, 24049), (289, 24061),

Gene: Yeet_37 Start: 29496, Stop: 31424, Start Num: 3
Candidate Starts for Yeet_37:
(Start: 3 @29496 has 24 MA's), (37, 29742), (58, 29880), (66, 29916), (73, 29964), (93, 30120), (106, 30210), (112, 30249), (117, 30315), (119, 30327), (120, 30330), (123, 30360), (135, 30420), (152, 30567), (155, 30588), (177, 30705), (185, 30765), (189, 30786), (199, 30864), (218, 31002), (225, 31050), (233, 31110), (240, 31164), (255, 31230), (267, 31311),

Gene: Zeeculate_31 Start: 24852, Stop: 26705, Start Num: 10
Candidate Starts for Zeeculate_31:
(Start: 10 @24852 has 228 MA's), (12, 24870), (14, 24933), (25, 24999), (38, 25068), (44, 25116), (48, 25143), (64, 25221), (81, 25329), (117, 25635), (141, 25809), (152, 25896), (180, 26052), (216, 26283), (225, 26325), (231, 26367), (267, 26589), (280, 26646),

Gene: Zelink_40 Start: 31306, Stop: 33234, Start Num: 3
Candidate Starts for Zelink_40:
(Start: 3 @31306 has 24 MA's), (28, 31501), (53, 31669), (66, 31726), (72, 31765), (78, 31795), (84, 31861), (112, 32059), (117, 32125), (123, 32170), (135, 32230), (154, 32389), (189, 32596), (221, 32839), (225, 32860), (233, 32920), (240, 32974), (255, 33040), (262, 33079), (280, 33178),

Gene: Zephyr_31 Start: 24214, Stop: 26067, Start Num: 10
Candidate Starts for Zephyr_31:
(Start: 10 @24214 has 228 MA's), (14, 24295), (25, 24361), (38, 24430), (44, 24478), (48, 24505), (64, 24583), (81, 24691), (117, 24997), (141, 25171), (152, 25258), (180, 25414), (206, 25600), (216, 25645), (225, 25687), (231, 25729), (267, 25951), (280, 26008),

Gene: Zeuska_32 Start: 24648, Stop: 26501, Start Num: 10
Candidate Starts for Zeuska_32:
(Start: 10 @24648 has 228 MA's), (14, 24729), (25, 24795), (38, 24864), (44, 24912), (64, 25017), (71, 25053), (81, 25125), (117, 25431), (132, 25533), (141, 25605), (152, 25692), (180, 25848), (216, 26079), (225, 26121), (231, 26163), (267, 26385), (271, 26406), (280, 26442),

Gene: Zimmer_33 Start: 24990, Stop: 26801, Start Num: 4
Candidate Starts for Zimmer_33:
(Start: 4 @24990 has 2 MA's), (17, 25122), (19, 25131), (23, 25158), (51, 25338), (63, 25383), (78, 25458), (82, 25500), (90, 25566), (96, 25611), (106, 25677), (109, 25692), (110, 25698), (126, 25767), (128, 25776), (135, 25815), (137, 25818), (139, 25866), (142, 25875), (144, 25896), (147, 25932), (154, 25968), (156, 25986), (160, 26007), (190, 26178), (192, 26187), (194, 26196), (244, 26544), (245, 26550), (251, 26574),