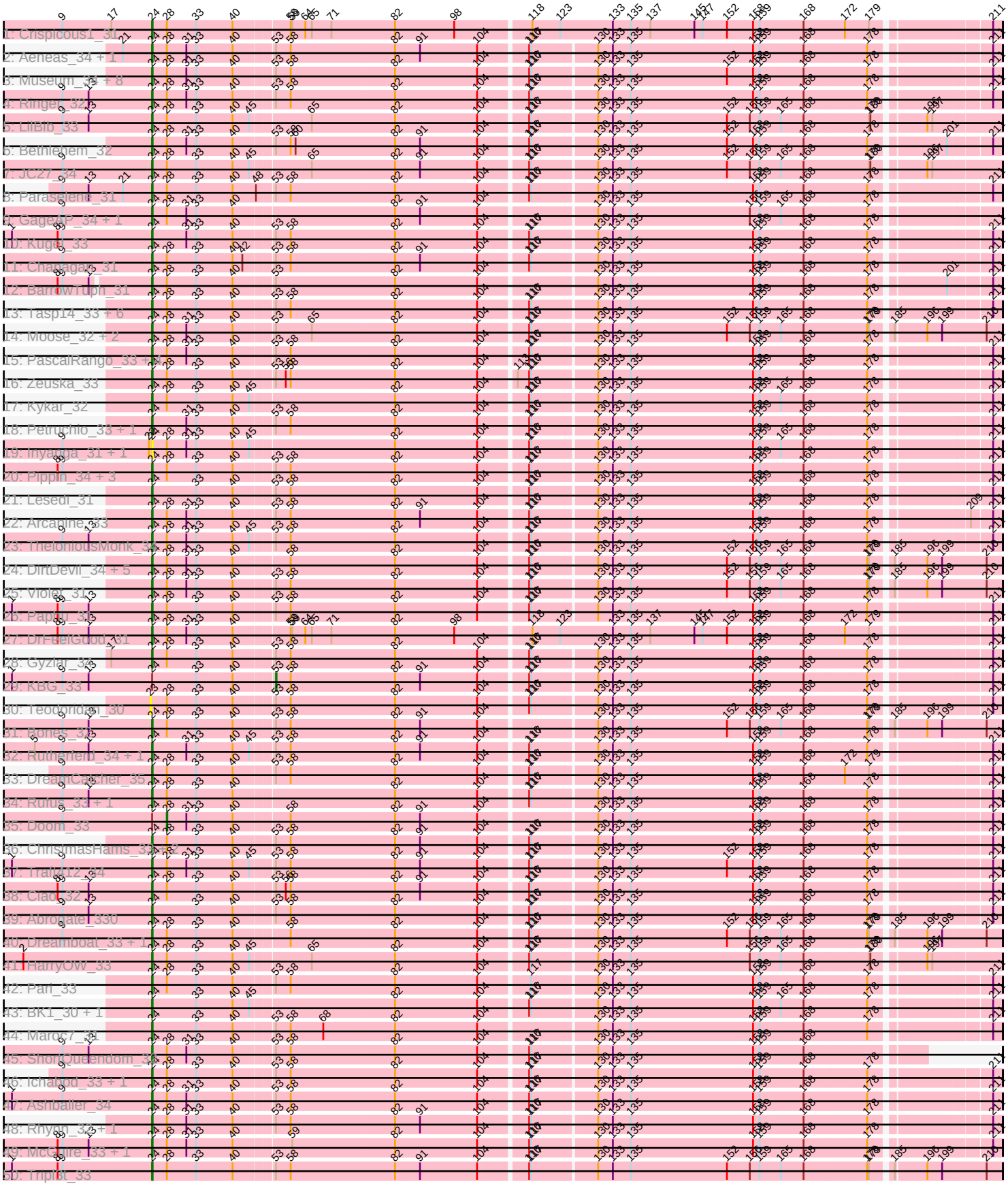
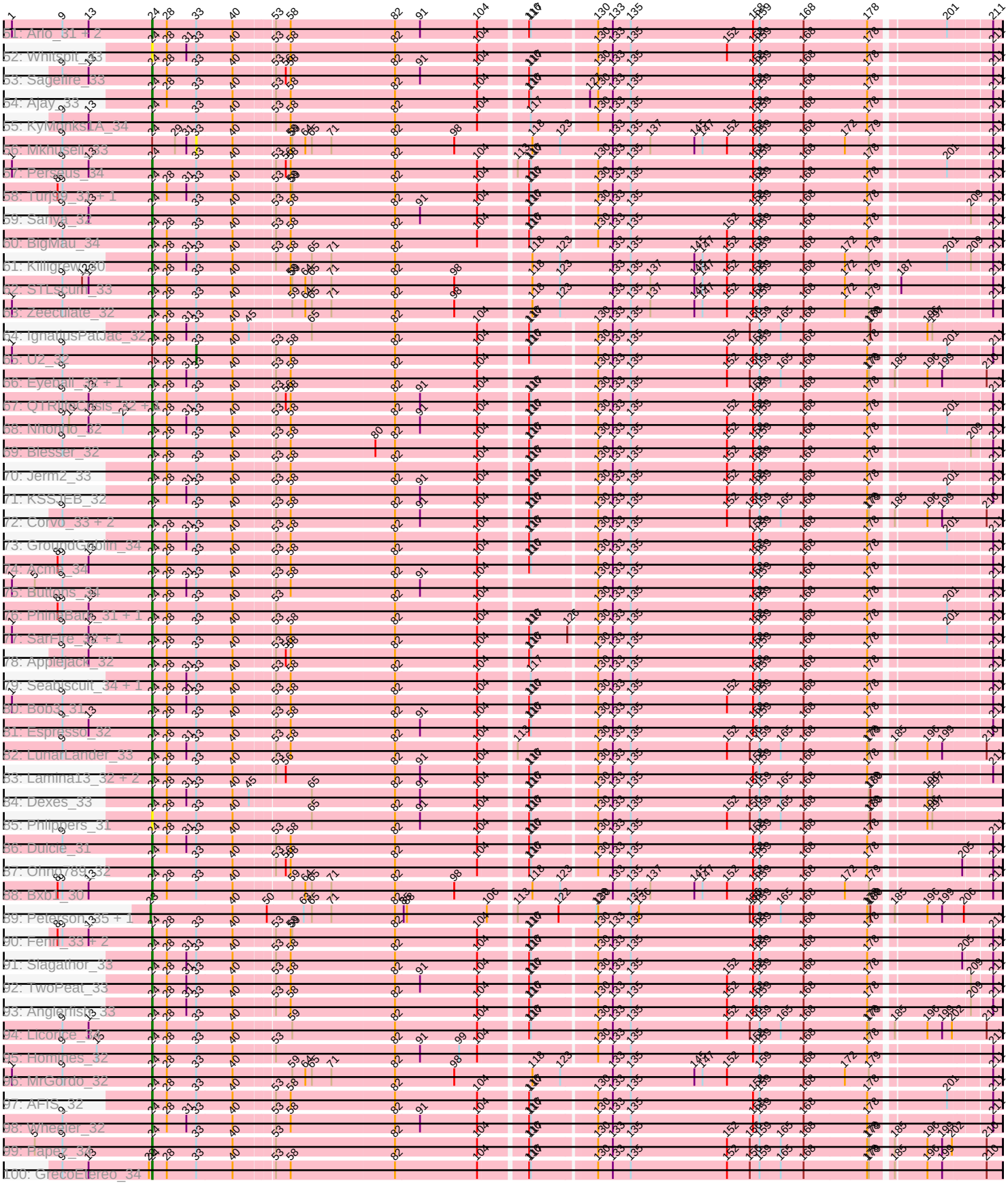
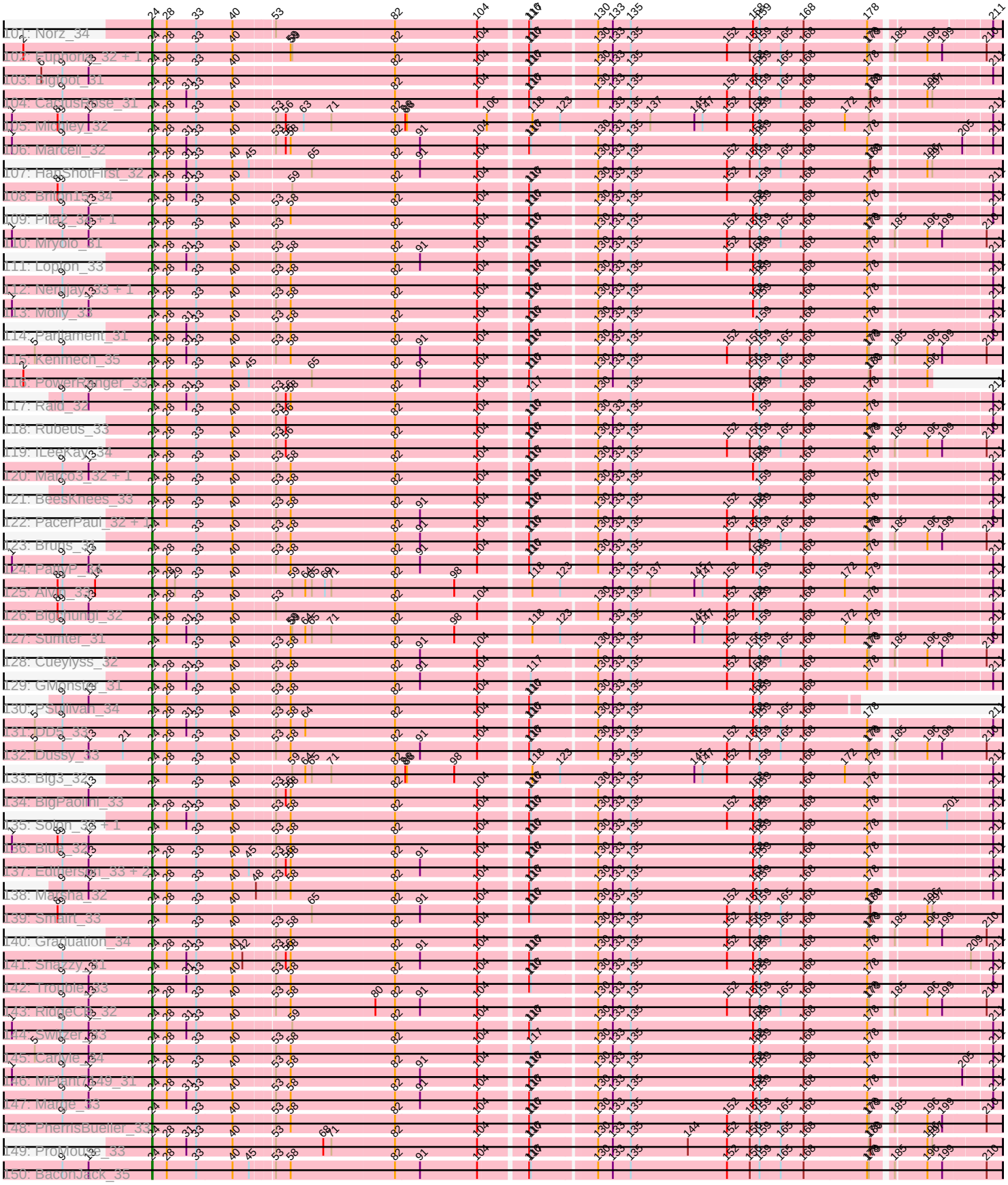
Pham 339179



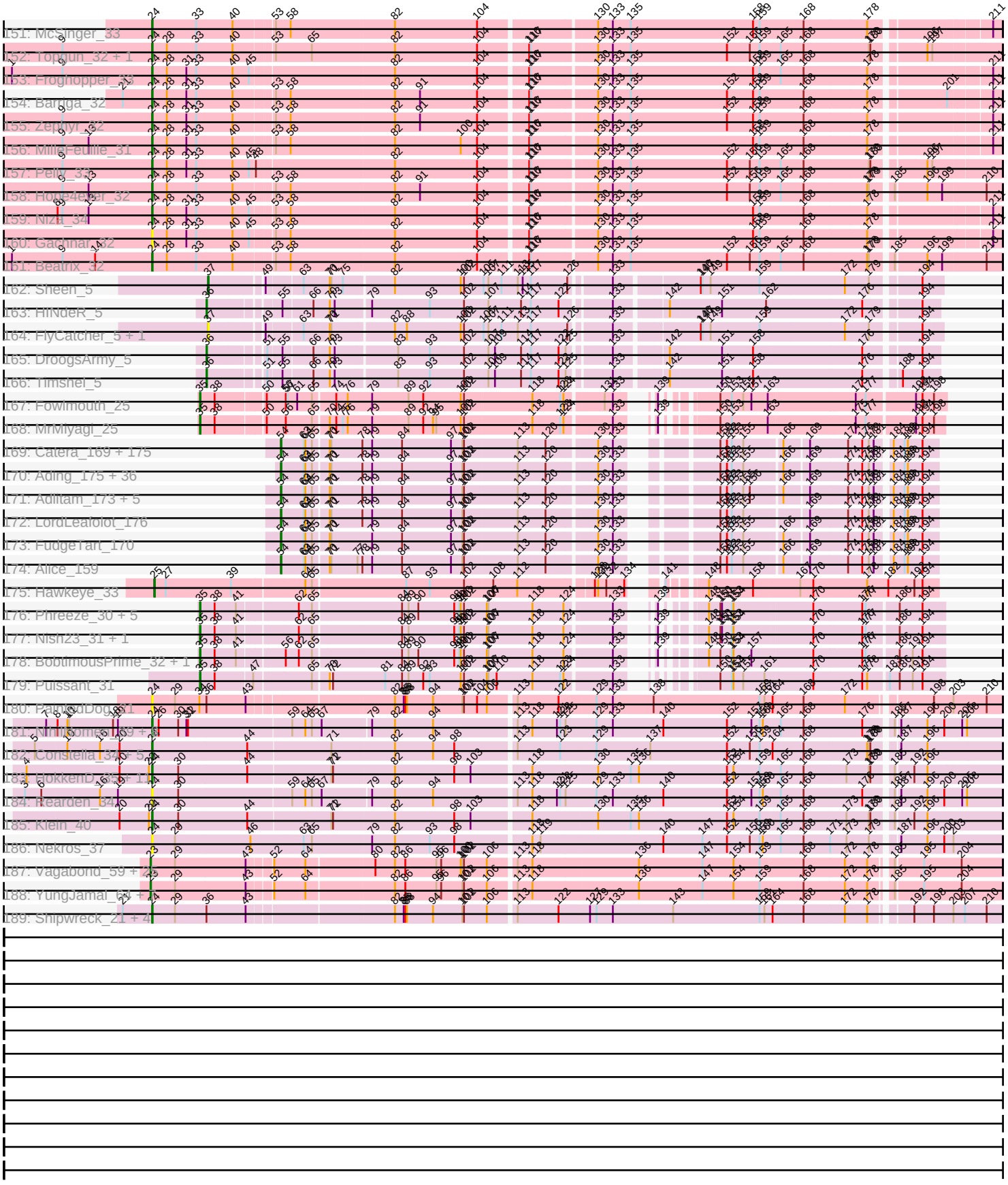
Pham 339179



Pham 339179


101: Norz_34
102: Euphoria_32 + 1
103: Bigfoot_31
104: CactusRose_31
105: Midgley_32
106: Marcell_32
107: HailShotFirst_32
108: Brian15_34
109: Phat2_33 + 1
110: Mryolo_31
111: Lopton_33
112: Nerdjay_33 + 1
113: Molly_33
114: Parliament_31
115: Kenmech_35
116: PowerRanger_33
117: Raid_32
118: Rubeus_33
119: LeeKay_34
120: Marco3_32 + 1
121: BeesKnees_33
122: PacerPaul_32 + 1
123: Brugs_33
124: PattyP_34
125: Alvin_33
126: BigThunder_32
127: Sumter_31
128: Cueylyss_32
129: GMonster_31
130: PSullivan_34
131: DDB_33
132: Dussy_33
133: Big3_32
134: BigPaolini_33
135: Solon_33 + 1
136: Blub_32
137: Edmerson_33 + 2
138: Masha_32
139: Smairt_33
140: Graduation_34
141: Snazzy_31
142: Trouble_33
143: RidgeCat_32
144: Switzer_33
145: Carlyle_34
146: MPlant7649_31
147: Margie_33
148: PhernsBueller_33
149: Prodrouze_33
150: BaconJack_35

Pham 339179



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 339179 Report

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

Pham number 339179 has 538 members, 55 are drafts.

Phages represented in each track:
• Track 1 : Crispicous1_31
• Track 2 : Aeneas_34, PhrostyMug_32
• Track 3 : Museum_34, Alsfro_36, EnzoK_33, ConceptII_34, Petp2012_34, Rohr_33, HermioneGrange_32, Gandalf20_33, Burton_33
• Track 4 : Ringer_32
• Track 5 : LilBib_33
• Track 6 : Bethlehem_32
• Track 7 : JC27_34
• Track 8 : Paraselene_31
• Track 9 : GageAP_34, Blackflame_32
• Track 10 : Kugel_33
• Track 11 : Chanagan_31
• Track 12 : BarrowTuph_31
• Track 13 : Tasp14_33, Kanely_33, Gwendoluna_34, StewieG_31, Jorgensen_32, Altman_34, Magnar_32
• Track 14 : Moose_32, Forsytheast_32, SwissCheese_34
• Track 15 : PascalRango_33, BillKnuckles_33, Sorpresa_32, SpikeBT_34, Sandaddy_31
• Track 16 : Zeuska_33
• Track 17 : Kykar_32
• Track 18 : Petruchio_33, Oogway_31
• Track 19 : Inyanga_31, Iqorha_31
• Track 20 : Pippin_34, Fajezeel_34, Greg_34, Seanderson_33
• Track 21 : Lesedi_31
• Track 22 : Arcanine_33
• Track 23 : TheloniousMonk_34
• Track 24 : DirtDevil_34, Noxious_35, KikiBouba_35, Aldrich_34, Hermia_35, CatBus_34
• Track 25 : Violet_31
• Track 26 : Paphu_31
• Track 27 : DrFeelGood_31
• Track 28 : Gyzlar_34
• Track 29 : KBG_33
• Track 30 : Teodoridan_30
• Track 31 : Bones_32
• Track 32 : Rutherferd_34, JackSparrow_33
• Track 33 : DreamCatcher_35

- Track 34 : Rufus_33, Pinto_35
- Track 35 : Doom_33
- Track 36 : ChristmasHams_33, NEHalo_32, Mule_32
- Track 37 : Traft412_34
- Track 38 : Ciao_32
- Track 39 : Abrogate_330
- Track 40 : Dreamboat_33, Jasper_33
- Track 41 : HarryOW_33
- Track 42 : Pari_33
- Track 43 : BK1_30, A6_30
- Track 44 : Maroc7_31
- Track 45 : ShortQueendom_32
- Track 46 : Ichabod_33, Atkinbua_34
- Track 47 : Ashballer_34
- Track 48 : Rhynn_32, PinkPlastic_31
- Track 49 : McGuire_33, Manatee_33
- Track 50 : Tripl3t_33
- Track 51 : Arlo_31, Swole_34, JuliaChild_34
- Track 52 : Whitspit_33
- Track 53 : Sagefire_33
- Track 54 : Ajay_33
- Track 55 : KyMonks1A_34
- Track 56 : Mkhuseli_33
- Track 57 : Perseus_34
- Track 58 : Turj99_31, Magnito_31
- Track 59 : Sanya_32
- Track 60 : BigMau_34
- Track 61 : Killigrew_30
- Track 62 : STLscum_33
- Track 63 : Zeeculate_32
- Track 64 : IgnatiusPatJac_32
- Track 65 : U2_32
- Track 66 : Eyeball_32, Puppet_32
- Track 67 : QTRlifeCrisis_32, CartmannCramer_32
- Track 68 : Nhonho_32
- Track 69 : Blesser_32
- Track 70 : Jerm2_33
- Track 71 : KSSJEB_32
- Track 72 : Corvo_33, MetalQZJ_32, MaryBeth_32
- Track 73 : GroundGoblin_34
- Track 74 : Acme_34
- Track 75 : Buttons_34
- Track 76 : PhineBark_31, Payneful_32
- Track 77 : SarFire_32, Thor_32
- Track 78 : Applejack_32
- Track 79 : Seabiscuit_34, Dynamix_33
- Track 80 : Bob3_31
- Track 81 : Espresso_32
- Track 82 : LunarLander_33
- Track 83 : Lamina13_32, Bircsak_32, Gompeii16_32
- Track 84 : Dexes_33
- Track 85 : Phlippers_31
- Track 86 : Dulcie_31

- Track 87 : Ohno789_32
- Track 88 : Bxb1_30
- Track 89 : Peterson_35, Smeagol_34
- Track 90 : Fenn_33, Squee_33, Naira_33
- Track 91 : Slagathor_33
- Track 92 : TwoPeat_33
- Track 93 : Anglerfish_33
- Track 94 : Licorice_34
- Track 95 : Homines_32
- Track 96 : MrGordo_32
- Track 97 : AFIS_32
- Track 98 : Wheeler_32
- Track 99 : Papez_34
- Track 100 : GrecoEtereo_34
- Track 101 : Norz_34
- Track 102 : Euphoria_32, Watermelon_34
- Track 103 : Bigfoot_31
- Track 104 : CactusRose_31
- Track 105 : Michley_32
- Track 106 : Marcell_32
- Track 107 : HanShotFirst_32
- Track 108 : Briton15_34
- Track 109 : Pita2_34, Target_35
- Track 110 : Mryolo_31
- Track 111 : Lopton_33
- Track 112 : Nerujay_33, Fushigi_33
- Track 113 : Molly_33
- Track 114 : Parliament_31
- Track 115 : Kenmech_35
- Track 116 : PowerRanger_33
- Track 117 : Raid_32
- Track 118 : Rubeus_33
- Track 119 : ILeeKay_34
- Track 120 : Marco3_32, StrongArm_31
- Track 121 : BeesKnees_33
- Track 122 : PacerPaul_32, Francis47_32
- Track 123 : Bruns_31
- Track 124 : PattyP_34
- Track 125 : Alvin_33
- Track 126 : Bigchungi_32
- Track 127 : Sumter_31
- Track 128 : Cueylyss_32
- Track 129 : GMonster_31
- Track 130 : PSullivan_34
- Track 131 : DD5_33
- Track 132 : Dussy_33
- Track 133 : Big3_32
- Track 134 : BigPaolini_33
- Track 135 : Solon_32, BPBiebs31_33
- Track 136 : Blue_32
- Track 137 : Edtherson_33, Monet_34, Treddle_34
- Track 138 : Marsha_32
- Track 139 : Smairt_33

• Track 140 : Graduation_34
• Track 141 : Snazzy_31
• Track 142 : Trouble_33
• Track 143 : RidgeCB_32
• Track 144 : Switzer_33
• Track 145 : Carlyle_34
• Track 146 : MPlant7149_31
• Track 147 : Marge_33
• Track 148 : PherrisBueller_33
• Track 149 : ProMouse_33
• Track 150 : BaconJack_35
• Track 151 : McSinger_33
• Track 152 : Topgun_32, Wilkins_32
• Track 153 : Froghopper_33
• Track 154 : Barriga_32
• Track 155 : Zephyr_32
• Track 156 : MilleFeuille_31
• Track 157 : Pelly_33
• Track 158 : Hope4ever_32
• Track 159 : Niza_34
• Track 160 : Gachnar_32
• Track 161 : Beatrix_32
• Track 162 : Sheen_5
• Track 163 : HINdeR_5
• Track 164 : FlyCatcher_5, Toro_5
• Track 165 : DroogsArmy_5
• Track 166 : Timshel_5
• Track 167 : Fowlmouth_25
• Track 168 : MrMiyagi_25
• Track 169 : Catera_169, Lethe_172, Norm_173, Lunareta_171, ParkTD_172, BananaFence_172, LookingGlass_174, Sauce_171, Grasshills_182, Pio_181, Bezza_167, Janiyra_178, Demodog_180, BackyardAgain_171, Pleione_176, BeanWater_164, Rizal_168, Khaleesi_172, JPickles_170, JigglyPuff_181, Tyke_173, Wally_173, Bxz1_169, Bangla1971_175, Fongie_173, Darko_173, Ewok_173, Naval22_180, DTDevon_176, Moiqah_167, InterFolia_178, Bigswole_178, Tainan_176, Roots515_177, Issimir_170, Maturis_170, SVoro_172, DrPhinkDaddy_170, OrediggerDelux_175, Montpel_171, Burrough_176, PharkleMinkus_175, Dandelion_180, Astraea_169, Napoleon13_171, Sprinklers_170, Mangeria_173, Loanshark_171, Cane17_163, Cali_169, BigCity_183, Jemmno_173, Megamind_170, Bipolarisk_171, Bread_170, Tortoise16_172, YoungMoneyMata_174, Jedediah_176, Guwapp_171, Zeenon_174, Belieber_169, Zalkecks_172, EmToTheThree_175, McWolfish_171, JulietS_165, Salacia_175, Gabriel_176, FrayBell_177, Shifa_164, Izajani_171, Phox_173, Halldule_167, Ava3_172, StubbySaigey_177, NuevoMundo_178, SoilZilla_171, Yucca_172, Cleatunium_166, YemiJoy2021_173, I3_181, Jessibeth14_173, PurduePete_173, Sebata_174, FoxtrotP1_172, Melpomini_167, DeejaClivia_161, Mikro_171, GoldenSnow_175, Maby2021_172, Gizmo_177, MikeLiesIn_174, Rocha_172, NoodleTree_179, QBert_165, LolaVinca_174, ZygoTaiga_169, Colt_164, Littleton_175, Blubba_162, Phusco_173, JayJay_176, Trinitium_172, Erdmann_174, Bowman_176, Duckfeet_168, JustHall_169, Asterius_176, Ronan_169, Rabinovish_168, BobaPhatt_168, Concombre_179, Delylah_174, Domi_168, Iota_168, EmmaElysia_175, ChaylaJr_171, Substance289_172, Bonray_175, IkeLoa_166, Daffodil_177, Shrimp_176, LinStu_171, BadAgartude_168,

LRRHood_166, Essence_171, Lee7_176, EggyFarm_183, Pinkcreek_156, Blackdragon_169, CharlieB_169, Koguma_171, Caravan_165, Grungle_159, Yassified_170, ArcherS7_175, DirtMonster_166, Spud_171, StephanieG_172, Derek_172, SmallFry_174, Spec_169, Kamryn_173, Nappy_174, Specks_178, MoMoMixon_171, LifeSavor_172, Shelob_174, Nidhogg_174, Primadonna_169, ScottMcG_168, Labradorite_175, HyRo_163, Stubby_157, Teardrop_171, Willis_172, Dietrick_164, Moby_168, NedWong_172, Matsumoto_172, Puhon_177, SrishMeg2525_170, Pier_176, Drazdys_174, ShiaLabeouf_171, EasyJones_177, SiwenD96_177, Shaqnato_166, Morizzled23_172, Breeniome_175, TinyTim_172, Pupusa_179, RoMag_169, Maguvora_176, Delilah_171, Jezreel_172, Lukilu_163
• Track 170 : Ading_175, Capablanca_177, Phlegm_178, Fludd_175, Babyland_177, ChickenPhender_171, CindyLou_176, Naija_174, GlutenPhree_175, Amataga_174, Quasimodo_177, Latch_174, Cactojaque_170, Patter_174, Chomp_174, Pivoine_174, Audrick_177, Basquiat_172, Ngannou_171, Flabslab_169, Gamgam_175, Dessert_174, Kboogie_177, Ghost_173, Atlantean_173, ET08_160, Blackbrain_170, Turret_169, Chargie21_172, McGee_175, InigoMontoya_177, SilverDipper_176, Ablatia_175, ErnieJ_168, Momo_173, Fixie_165, ValleyTerrace_174
• Track 171 : Adlitam_173, Tonenili_190, Vortrix_190, Jaygup_172, Rahel_175, Shnickers_172
• Track 172 : LordLeafolot_176
• Track 173 : FudgeTart_170
• Track 174 : Alice_159
• Track 175 : Hawkeye_33
• Track 176 : Phreeze_30, Beckerton_30, Oaker_30, Damien_30, Konstantine_35, Megatron06_32
• Track 177 : Nish23_31, Cborch11_31
• Track 178 : BobtimousPrime_32, Thumb_30
• Track 179 : Puissant_31
• Track 180 : PaintedDog_21
• Track 181 : NihilNomen_39, Pound_41, Yeet_38, Odette_39, Bombitas_36, Dove_37, Ejimix_40, Schatzie_37, Hughesyang_38
• Track 182 : Constella_34, Marleymoo_44, Bobby_41, Thibault_36, Hidrated_40, Xiaokay_37
• Track 183 : HokkenD_35, Kalah2_40, Bagrid_39, Dallas_41, ThreeRngTarjay_38, Halley_40, Phoebus_39, Beem_40, JuicyJay_42, Zelink_41, Redno2_38, EricMillard_40
• Track 184 : Rearden_34
• Track 185 : Klein_40
• Track 186 : Nekros_37
• Track 187 : Vagabond_59, Krili_58, NiebruSaylor_58, Idergollasper_59, Mori_59, Catdawg_59, Wogge42_58, Ryadel_63, Alkhayr_59, YoyoKar_57, MadKillah_60, TelAviv_56, Murai_60, Famílton_60, KingPhillip3_59, Bora_57, Winget_60, Schuy_60, Zebo_59, Blessica_60, Shida_59, SchoolBus_59, JangDynasty_59, FoulBall_59, Vorrps_59, Imara_59
• Track 188 : YungJamal_64, Corndog_62, Wildflower_59, Dylan_59, Firecracker_60, Smooch_62, Ashwin_61, Zakhe101_59
• Track 189 : Shipwreck_21, Pygmy_21, Brujita_22, Bogie_21, Island3_22

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

The start number called the most often in the published annotations is 24, it was called in 237 of the 483 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_30, AFIS_32, Abrogate_330, Acme_34, Aeneas_34, Ajay_33, Aldrich_34, Alsfro_36, Altman_34, Alvin_33, Anglerfish_33, Applejack_32, Arcanine_33, Arlo_31, Ashballer_34, Atkinbua_34, BK1_30, BPBiebs31_33, BaconJack_35, Bagrid_39, Barriga_32, BarrowTuph_31, Beatrix_32, Beem_40, BeesKnees_33, Bethlehem_32, Big3_32, BigMau_34, BigPaolini_33, Bigchungi_32, Bigfoot_31, BillKnuckles_33, Bircsak_32, Blackflame_32, Blesser_32, Blue_32, Bob3_31, Bobby_41, Bogie_21, Bombitas_36, Bones_32, Briton15_34, Brujita_22, Bruns_31, Burton_33, Buttons_34, Bxb1_30, CactusRose_31, Carlyle_34, CartmannCramer_32, CatBus_34, Chanagan_31, ChristmasHams_33, Ciao_32, ConceptII_34, Constella_34, Corvo_33, Crispicous1_31, Cueylyss_32, DD5_33, Dallas_41, Dexes_33, DirtDevil_34, Dove_37, DrFeelGood_31, DreamCatcher_35, Dreamboat_33, Dulcie_31, Dussy_33, Dynamix_33, Edtherson_33, Ejimix_40, EnzoK_33, EricMillard_40, Espresso_32, Euphoria_32, Eyeball_32, Fajezeel_34, Fenn_33, Forsytheast_32, Francis47_32, Froghopper_33, Fushigi_33, GMonster_31, Gachnar_32, GageAP_34, Gandalf20_33, Gompeii16_32, Graduation_34, GrecoEtereo_34, Greg_34, GroundGoblin_34, Gwendoluna_34, Gyzlar_34, Halley_40, HanShotFirst_32, HarryOW_33, Hermia_35, HermioneGrange_32, Hidrated_40, HokkenD_35, Homines_32, Hope4ever_32, Hughesyang_38, ILeeKay_34, Ichabod_33, IgnatiusPatJac_32, Inyanga_31, Iqorha_31, Island3_22, JC27_34, JackSparrow_33, Jasper_33, Jerm2_33, Jorgensen_32, JuicyJay_42, JuliaChild_34, KSSJEB_32, Kalah2_40, Kanely_33, Kenmech_35, KikiBouba_35, Killigrew_30, Klein_40, Kugel_33, KyMonks1A_34, Kykar_32, Lamina13_32, Lesedi_31, Licorice_34, LilBib_33, Lopton_33, LunarLander_33, MPlant7149_31, Magnar_32, Magnito_31, Manatee_33, Marcell_32, Marco3_32, Marge_33, Marleymoo_44, Maroc7_31, Marsha_32, MaryBeth_32, McGuire_33, McSinger_33, MetalQZJ_32, Michley_32, MilleFeuille_31, Molly_33, Monet_34, Moose_32, MrGordo_32, Mryolo_31, Mule_32, Museum_34, NEHalo_32, Naira_33, Nekros_37, Nerujay_33, Nhonho_32, NihilNomen_39, Niza_34, Norz_34, Noxious_35, Odette_39, Ohno789_32, Oogway_31, PSullivan_34, PacerPaul_32, PaintedDog_21, Papez_34, Paphu_31, Paraselene_31, Pari_33, Parliament_31, PascalRango_33, PattyP_34, Payneful_32, Pelly_33, Perseus_34, Petp2012_34, Petruchio_33, PherrisBueller_33, PhineBark_31, Phlippers_31, Phoebus_39, PhrostyMug_32, PinkPlastic_31, Pinto_35, Pippin_34, Pita2_34, Pound_41, PowerRanger_33, ProMouse_33, Puppet_32, Pygmy_21, QTRlifeCrisis_32, Raid_32, Rearden_34, Redno2_38, Rhynn_32, RidgeCB_32, Ringer_32, Rohr_33, Rubeus_33, Rufus_33, Rutherferd_34, STLscum_33, Sagefire_33, Sandaddy_31, Sanya_32, SarFire_32, Schatzie_37, Seabiscuit_34, Seanderson_33, Shipwreck_21, ShortQueendom_32, Slagathor_33, Smairt_33, Snazzy_31, Solon_32, Sorpresa_32, SpikeBT_34, Squee_33, StewieG_31, StrongArm_31, Sumter_31, SwissCheese_34, Switzer_33, Swole_34, Target_35, Tasp14_33, TheloniousMonk_34, Thibault_36, Thor_32, ThreeRngTarjay_38, Topgun_32, Traft412_34, Treddle_34, Triplet_33, Trouble_33, Turj99_31, TwoPeat_33, Violet_31, Watermelon_34, Wheeler_32, Whitspit_33, Wilkins_32, Xiaokay_37, Yeet_38, Zeeculate_32, Zelink_41, Zephyr_32, Zeuska_33,

Genes that have the "Most Annotated" start but do not call it:
• Doom_33, KBG_33, Mkhuseli_33, U2_32,

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

• Ablatia_175, Ading_175, Adlitam_173, Alice_159, Alkhayr_59, Amataga_174, ArcherS7_175, Ashwin_61, Asterius_176, Astraea_169, Atlantean_173, Audrick_177, Ava3_172, Babyland_177, BackyardAgain_171, BadAgartude_168, BananaFence_172, Bangla1971_175, Basquiat_172, BeanWater_164, Beckerton_30, Belieber_169, Bezza_167, BigCity_183, Bigswole_178, Bipolarisk_171, Blackbrain_170, Blackdragon_169, Blessica_60, Blubba_162, BobaPhatt_168, BobtimousPrime_32, Bonray_175, Bora_57, Bowman_176, Bread_170, Breeniome_175, Burrough_176, Bxz1_169, Cactojaque_170, Cali_169, Cane17_163, Capablanca_177, Caravan_165, Catdawg_59, Catera_169, Cborch11_31, Chargie21_172, CharlieB_169, ChaylaJr_171, ChickenPhender_171, Chomp_174, CindyLou_176, Cleatunium_166, Colt_164, Concombre_179, Corndog_62, DTDevon_176, Daffodil_177, Damien_30, Dandelion_180, Darko_173, DeejaClivia_161, Delilah_171, Delylah_174, Demodog_180, Derek_172, Dessert_174, Dietrick_164, DirtMonster_166, Domi_168, DrPhinkDaddy_170, Drazdys_174, DroogsArmy_5, Duckfeet_168, Dylan_59, ET08_160, EasyJones_177, EggyFarm_183, EmToTheThree_175, EmmaElysia_175, Erdmann_174, ErnieJ_168, Essence_171, Ewok_173, Familton_60, Firecracker_60, Fixie_165, Flabslab_169, Fludd_175, FlyCatcher_5, Fongie_173, FoulBall_59, Fowlmouth_25, FoxtrotP1_172, FrayBell_177, FudgeTart_170, Gabriel_176, Gamgam_175, Ghost_173, Gizmo_177, GlutenPhree_175, GoldenSnow_175, Grasshills_182, Grungle_159, Guwapp_171, HINdeR_5, Halldule_167, Hawkeye_33, HyRo_163, I3_181, Idergollasper_59, IkeLoa_166, Imara_59, InigoMontoya_177, InterFolia_178, Iota_168, Issimir_170, Izajani_171, JPickles_170, JangDynasty_59, Janiyra_178, JayJay_176, Jaygup_172, Jedediah_176, Jemmno_173, Jessibeth14_173, Jezreel_172, JigglyPuff_181, JulietS_165, JustHall_169, Kamryn_173, Kboogie_177, Khaleesi_172, KingPhillip3_59, Koguma_171, Konstantine_35, Krili_58, LRRHood_166, Labradorite_175, Latch_174, Lee7_176, Lethe_172, LifeSavor_172, LinStu_171, Littleton_175, Loanshark_171, LolaVinca_174, LookingGlass_174, LordLeafolot_176, Lukilu_163, Lunareta_171, Maby2021_172, MadKillah_60, Maguvora_176, Mangeria_173, Matsumoto_172, Maturis_170, McGee_175, McWolfish_171, Megamind_170, Megatron06_32, Melpomini_167, MikeLiesIn_174, Mikro_171, MoMoMixon_171, Moby_168, Moiqah_167, Momo_173, Montpel_171, Mori_59, Morizzled23_172, MrMiyagi_25, Murai_60, Naija_174, Napoleon13_171, Nappy_174, Naval22_180, NedWong_172, Ngannou_171, Nidhogg_174, NiebruSaylor_58, Nish23_31, NoodleTree_179, Norm_173, NuevoMundo_178, Oaker_30, OrediggerDelux_175, ParkTD_172, Patter_174, Peterson_35, PharkleMinkus_175, Phlegm_178, Phox_173, Phreeze_30, Phusco_173, Pier_176, Pinkcreek_156, Pio_181, Pivoine_174, Pleione_176, Primadonna_169, Puhon_177, Puissant_31, Pupusa_179, PurduePete_173, QBert_165, Quasimodo_177, Rabinovish_168, Rahel_175, Rizal_168, RoMag_169, Rocha_172, Ronan_169, Roots515_177, Ryadel_63, SVoro_172, Salacia_175, Sauce_171, SchoolBus_59, Schuy_60, ScottMcG_168, Sebata_174, Shaqnato_166, Sheen_5, Shelob_174, ShiaLabeouf_171, Shida_59, Shifa_164, Shnickers_172, Shrimp_176, SilverDipper_176, SiwenD96_177, SmallFry_174, Smeagol_34, Smooch_62, SoilZilla_171, Spec_169, Specks_178, Sprinklers_170, Spud_171, SrishMeg2525_170, StephanieG_172, StubbySaigey_177, Stubby_157, Substance289_172, Tainan_176, Teardrop_171, TelAviv_56, Teodoridan_30, Thumb_30, Timshel_5, TinyTim_172, Tonenili_190, Toro_5, Tortoise16_172, Trinitium_172, Turret_169, Tyke_173, Vagabond_59, ValleyTerrace_174, Vorrps_59, Vortrix_190, Wally_173, Wildflower_59, Willis_172, Winget_60, Wogge42_58, Yassified_170, YemiJoy2021_173, YoungMoneyMata_174, YoyoKar_57, Yucca_172, YungJamal_64, Zakhe101_59, Zalkecks_172, Zebo_59, Zeenon_174, ZygoTaiga_169,

Summary by start number:

Start 23:
• Found in 37 of 538 (6.9%) of genes in pham
• Manual Annotations of this start: 34 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alkhayr_59 (O), Ashwin_61 (O), Blessica_60 (O), Bora_57 (O), Catdawg_59 (O), Corndog_62 (O), Dylan_59 (O), Familton_60 (O), Firecracker_60 (O), FoulBall_59 (O), Idergollasper_59 (O), Imara_59 (O), JangDynasty_59 (O), KingPhillip3_59 (O), Krili_58 (O), MadKillah_60 (O), Mori_59 (O), Murai_60 (O), NiebruSaylor_58 (O), Peterson_35 (A1), Ryadel_63 (O), SchoolBus_59 (O), Schuy_60 (O), Shida_59 (O), Smeagol_34 (A1), Smooch_62 (O), TelAviv_56 (O), Teodoridan_30 (A1), Vagabond_59 (O), Vorrps_59 (O), Wildflower_59 (O), Winget_60 (O), Wogge42_58 (O), YoyoKar_57 (O), YungJamal_64 (O), Zakhe101_59 (O), Zebo_59 (O),

Start 24:
• Found in 259 of 538 (48.1%) of genes in pham
• Manual Annotations of this start: 237 of 483
• Called 98.5% of time when present
• Phage (with cluster) where this start called: A6_30 (A1), AFIS_32 (A1), Abrogate_330 (A1), Acme_34 (A1), Aeneas_34 (A1), Ajay_33 (A1), Aldrich_34 (A1), Alsfro_36 (A1), Altman_34 (A1), Alvin_33 (A1), Anglerfish_33 (A1), Applejack_32 (A1), Arcanine_33 (A1), Arlo_31 (A1), Ashballer_34 (A1), Atkinbua_34 (A1), BK1_30 (A1), BPBiebs31_33 (A1), BaconJack_35 (A1), Bagrid_39 (J), Barriga_32 (A1), BarrowTuph_31 (A1), Beatrix_32 (A1), Beem_40 (J), BeesKnees_33 (A1), Bethlehem_32 (A1), Big3_32 (A1), BigMau_34 (A1), BigPaolini_33 (A1), Bigchungi_32 (A1), Bigfoot_31 (A1), BillKnuckles_33 (A1), Bircsak_32 (A1), Blackflame_32 (A1), Blesser_32 (A1), Blue_32 (A1), Bob3_31 (A1), Bobby_41 (J), Bogie_21 (P1), Bombitas_36 (J), Bones_32 (A1), Briton15_34 (A1), Brujita_22 (I1), Bruns_31 (A1), Burton_33 (A1), Buttons_34 (A1), Bxb1_30 (A1), CactusRose_31 (A1), Carlyle_34 (A1), CartmannCramer_32 (A1), CatBus_34 (A1), Chanagan_31 (A1), ChristmasHams_33 (A1), Ciao_32 (A1), ConceptII_34 (A1), Constella_34 (J), Corvo_33 (A1), Crispicous1_31 (A1), Cueylyss_32 (A1), DD5_33 (A1), Dallas_41 (J), Dexes_33 (A1), DirtDevil_34 (A1), Dove_37 (J), DrFeelGood_31 (A1), DreamCatcher_35 (A1), Dreamboat_33 (A1), Dulcie_31 (A1), Dussy_33 (A1), Dynamix_33 (A1), Edtherson_33 (A1), Ejimix_40 (J), EnzoK_33 (A1), EricMillard_40 (J), Espresso_32 (A1), Euphoria_32 (A1), Eyeball_32 (A1), Fajezeel_34 (A1), Fenn_33 (A1), Forsytheast_32 (A1), Francis47_32 (A1), Froghopper_33 (A1), Fushigi_33 (A1), GMonster_31 (A1), Gachnar_32 (A1), GageAP_34 (A1), Gandalf20_33 (A1), Gompeii16_32 (A1), Graduation_34 (A1), GrecoEtereo_34 (A1), Greg_34 (A1), GroundGoblin_34 (A1), Gwendoluna_34 (A1), Gyzlar_34 (A1), Halley_40 (J), HanShotFirst_32 (A1), HarryOW_33 (A1), Hermia_35 (A1), HermioneGrange_32 (A1), Hidrated_40 (J), HokkenD_35 (J), Homines_32 (A1), Hope4ever_32 (A1), Hughesyang_38 (J), ILeeKay_34 (A1), Ichabod_33 (A1), IgnatiusPatJac_32 (A1), Inyanga_31 (A1), Iqorha_31 (A1), Island3_22 (I1), JC27_34 (A1), JackSparrow_33 (A1), Jasper_33 (A1), Jerm2_33 (A1), Jorgensen_32 (A1), JuicyJay_42 (J), JuliaChild_34 (A1), KSSJEB_32 (A1), Kalah2_40 (J), Kanely_33 (A1), Kenmech_35 (A1), KikiBouba_35 (A1), Killigrew_30 (A1), Klein_40 (J), Kugel_33 (A1), KyMonks1A_34 (A1), Kykar_32 (A1), Lamina13_32 (A1), Lesedi_31 (A1), Licorice_34 (A1), LilBib_33 (A1), Lopton_33 (A1), LunarLander_33 (A1), MPlant7149_31 (A1), Magnar_32 (A1), Magnito_31 (A1), Manatee_33 (A1),

Marcell_32 (A1), Marco3_32 (A1), Marge_33 (A1), Marleymoo_44 (J), Maroc7_31 (A1), Marsha_32 (A1), MaryBeth_32 (A1), McGuire_33 (A1), McSinger_33 (A1), MetalQZJ_32 (A1), Michley_32 (A1), MilleFeuille_31 (A1), Molly_33 (A1), Monet_34 (A1), Moose_32 (A1), MrGordo_32 (A1), Mryolo_31 (A1), Mule_32 (A1), Museum_34 (A1), NEHalo_32 (A1), Naira_33 (A1), Nekros_37 (J), Nerujay_33 (A1), Nhonho_32 (A1), NihilNomen_39 (J), Niza_34 (A1), Norz_34 (A1), Noxious_35 (A1), Odette_39 (J), Ohno789_32 (A1), Oogway_31 (A1), PSullivan_34 (A1), PacerPaul_32 (A1), PaintedDog_21 (I1), Papez_34 (A1), Paphu_31 (A1), Paraselene_31 (A1), Pari_33 (A1), Parliament_31 (A1), PascalRango_33 (A1), PattyP_34 (A1), Payneful_32 (A1), Pelly_33 (A1), Perseus_34 (A1), Petp2012_34 (A1), Petruchio_33 (A1), PherrisBueller_33 (A1), PhineBark_31 (A1), Phlippers_31 (A1), Phoebus_39 (J), PhrostyMug_32 (A1), PinkPlastic_31 (A1), Pinto_35 (A1), Pippin_34 (A1), Pita2_34 (A1), Pound_41 (J), PowerRanger_33 (A1), ProMouse_33 (A1), Puppet_32 (A1), Pygmy_21 (P1), QTRlifeCrisis_32 (A1), Raid_32 (A1), Rearden_34 (J), Redno2_38 (J), Rhynn_32 (A1), RidgeCB_32 (A1), Ringer_32 (A1), Rohr_33 (A1), Rubeus_33 (A1), Rufus_33 (A1), Rutherferd_34 (A1), STLscum_33 (A1), Sagefire_33 (A1), Sandaddy_31 (A1), Sanya_32 (A1), SarFire_32 (A1), Schatzie_37 (J), Seabiscuit_34 (A1), Seanderson_33 (A1), Shipwreck_21 (P1), ShortQueendom_32 (A1), Slagathor_33 (A1), Smairt_33 (A1), Snazzy_31 (A1), Solon_32 (A1), Sorpresa_32 (A1), SpikeBT_34 (A1), Squee_33 (A1), StewieG_31 (A1), StrongArm_31 (A1), Sumter_31 (A1), SwissCheese_34 (A1), Switzer_33 (A1), Swole_34 (A1), Target_35 (A1), Tasp14_33 (A1), TheloniousMonk_34 (A1), Thibault_36 (J), Thor_32 (A1), ThreeRngTarjay_38 (J), Topgun_32 (A1), Traft412_34 (A1), Treddle_34 (A1), Tripl3t_33 (A1), Trouble_33 (A1), Turj99_31 (A1), TwoPeat_33 (A1), Violet_31 (A1), Watermelon_34 (A1), Wheeler_32 (A1), Whitspit_33 (A1), Wilkins_32 (A1), Xiaokay_37 (J), Yeet_38 (J), Zeeculate_32 (A1), Zelink_41 (J), Zephyr_32 (A1), Zeuska_33 (A1),

Start 25:
• Found in 1 of 538 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hawkeye_33 (D2),

Start 28:
• Found in 196 of 538 (36.4%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 0.5% of time when present
• Phage (with cluster) where this start called: Doom_33 (A1),

Start 33:
• Found in 224 of 538 (41.6%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 0.9% of time when present
• Phage (with cluster) where this start called: Mkhuseli_33 (A1), U2_32 (A1),

Start 35:
• Found in 13 of 538 (2.4%) of genes in pham
• Manual Annotations of this start: 12 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beckerton_30 (H1), BobtimousPrime_32 (H1), Cborch11_31 (H1), Damien_30 (H1), Fowlmouth_25 (AC), Konstantine_35 (H1), Megatron06_32 (H1), MrMiyagi_25 (AC), Nish23_31 (H1), Oaker_30 (H1),

Phreeze_30 (H1), Puissant_31 (H1), Thumb_30 (H1),

Start 36:
• Found in 9 of 538 (1.7%) of genes in pham
• Manual Annotations of this start: 3 of 483
• Called 33.3% of time when present
• Phage (with cluster) where this start called: DroogsArmy_5 (A7), HINdeR_5 (A7), Timshel_5 (A7),

Start 37:
• Found in 3 of 538 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FlyCatcher_5 (A7), Sheen_5 (A7), Toro_5 (A7),

Start 53:
• Found in 176 of 538 (32.7%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 0.6% of time when present
• Phage (with cluster) where this start called: KBG_33 (A1),

Start 54:
• Found in 222 of 538 (41.3%) of genes in pham
• Manual Annotations of this start: 192 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ablatia_175 (C1), Ading_175 (C1), Adlitam_173 (C1), Alice_159 (C1), Amataga_174 (C1), ArcherS7_175 (C1), Asterius_176 (C1), Astraea_169 (C1), Atlantean_173 (C1), Audrick_177 (C1), Ava3_172 (C1), Babyland_177 (C1), BackyardAgain_171 (C1), BadAgartude_168 (C1), BananaFence_172 (C1), Bangla1971_175 (C1), Basquiat_172 (C1), BeanWater_164 (C1), Belieber_169 (C1), Bezza_167 (C1), BigCity_183 (C1), Bigswole_178 (C1), Bipolarisk_171 (C1), Blackbrain_170 (C1), Blackdragon_169 (C1), Blubba_162 (C1), BobaPhatt_168 (C1), Bonray_175 (C1), Bowman_176 (C1), Bread_170 (C1), Breeniome_175 (C1), Burrough_176 (C1), Bxz1_169 (C1), Cactojaque_170 (C1), Cali_169 (C1), Cane17_163 (C1), Capablanca_177 (C1), Caravan_165 (C1), Catera_169 (C1), Chargie21_172 (C1), CharlieB_169 (C1), ChaylaJr_171 (C1), ChickenPhender_171 (C1), Chomp_174 (C1), CindyLou_176 (C1), Cleatunium_166 (C1), Colt_164 (C1), Concombre_179 (C1), DTDevon_176 (C1), Daffodil_177 (C1), Dandelion_180 (C1), Darko_173 (C1), DeejaClivia_161 (C1), Delilah_171 (C1), Delylah_174 (C1), Demodog_180 (C1), Derek_172 (C1), Dessert_174 (C1), Dietrick_164 (C1), DirtMonster_166 (C1), Domi_168 (C1), DrPhinkDaddy_170 (C1), Drazdys_174 (C1), Duckfeet_168 (C1), ET08_160 (C1), EasyJones_177 (C1), EggyFarm_183 (C1), EmToTheThree_175 (C1), EmmaElysia_175 (C1), Erdmann_174 (C1), ErnieJ_168 (C1), Essence_171 (C1), Ewok_173 (C1), Fixie_165 (C1), Flabslab_169 (C1), Fludd_175 (C1), Fongie_173 (C1), FoxtrotP1_172 (C1), FrayBell_177 (C1), FudgeTart_170 (C1), Gabriel_176 (C1), Gamgam_175 (C1), Ghost_173 (C1), Gizmo_177 (C1), GlutenPhree_175 (C1), GoldenSnow_175 (C1), Grasshills_182 (C1), Grungle_159 (C1), Guwapp_171 (C1), Halldule_167 (C1), HyRo_163 (C1), I3_181 (C1), IkeLoa_166 (C1), InigoMontoya_177 (C1), InterFolia_178 (C1), Iota_168 (C1), Issimir_170 (C1), Izajani_171 (C1), JPickles_170 (C1), Janiyra_178 (C1), JayJay_176 (C1), Jaygup_172 (C1), Jedediah_176 (C1), Jemmno_173 (C1), Jessibeth14_173 (C1),

Jezreel_172 (C1), JigglyPuff_181 (C1), JulietS_165 (C1), JustHall_169 (C1), Kamryn_173 (C1), Kboogie_177 (C1), Khaleesi_172 (C1), Koguma_171 (C1), LRRHood_166 (C1), Labradorite_175 (C1), Latch_174 (C1), Lee7_176 (C1), Lethe_172 (C1), LifeSavor_172 (C1), LinStu_171 (C1), Littleton_175 (C1), Loanshark_171 (C1), LolaVinca_174 (C1), LookingGlass_174 (C1), LordLeafolot_176 (C1), Lukilu_163 (C1), Lunareta_171 (C1), Maby2021_172 (C1), Maguvora_176 (C1), Mangeria_173 (C1), Matsumoto_172 (C1), Maturis_170 (C1), McGee_175 (C1), McWolfish_171 (C1), Megamind_170 (C1), Melpomini_167 (C1), MikeLiesIn_174 (C1), Mikro_171 (C1), MoMoMixon_171 (C1), Moby_168 (C1), Moiqah_167 (C1), Momo_173 (C1), Montpel_171 (C1), Morizzled23_172 (C1), Naija_174 (C1), Napoleon13_171 (C1), Nappy_174 (C1), Naval22_180 (C1), NedWong_172 (C1), Ngannou_171 (C1), Nidhogg_174 (C1), NoodleTree_179 (C1), Norm_173 (C1), NuevoMundo_178 (C1), OrediggerDelux_175 (C1), ParkTD_172 (C1), Patter_174 (C1), PharkleMinkus_175 (C1), Phlegm_178 (C1), Phox_173 (C1), Phusco_173 (C1), Pier_176 (C1), Pinkcreek_156 (C1), Pio_181 (C1), Pivoine_174 (C1), Pleione_176 (C1), Primadonna_169 (C1), Puhon_177 (C1), Pupusa_179 (C1), PurduePete_173 (C1), QBert_165 (C1), Quasimodo_177 (C1), Rabinovish_168 (C1), Rahel_175 (C1), Rizal_168 (C1), RoMag_169 (C1), Rocha_172 (C1), Ronan_169 (C1), Roots515_177 (C1), SVoro_172 (C1), Salacia_175 (C1), Sauce_171 (C1), ScottMcG_168 (C1), Sebata_174 (C1), Shaqnato_166 (C1), Shelob_174 (C1), ShiaLabeouf_171 (C1), Shifa_164 (C1), Shnickers_172 (C1), Shrimp_176 (C1), SilverDipper_176 (C1), SiwenD96_177 (C1), SmallFry_174 (C1), SoilZilla_171 (C1), Spec_169 (C1), Specks_178 (C1), Sprinklers_170 (C1), Spud_171 (C1), SrishMeg2525_170 (C1), StephanieG_172 (C1), StubbySaigey_177 (C1), Stubby_157 (C1), Substance289_172 (C1), Tainan_176 (C1), Teardrop_171 (C1), TinyTim_172 (C1), Tonenili_190 (C1), Tortoise16_172 (C1), Trinitium_172 (C1), Turret_169 (C1), Tyke_173 (C1), ValleyTerrace_174 (C1), Vortrix_190 (C1), Wally_173 (C1), Willis_172 (C1), Yassified_170 (C1), YemiJoy2021_173 (C1), YoungMoneyMata_174 (C1), Yucca_172 (C1), Zalkecks_172 (C1), Zeenon_174 (C1), ZygoTaiga_169 (C1),

Summary by clusters:

There are 10 clusters represented in this pham: AC, H1, I1, J, O, A1, P1, A7, C1, D2,

Info for manual annotations of cluster A1:
•Start number 23 was manually annotated 2 times for cluster A1.
•Start number 24 was manually annotated 208 times for cluster A1.
•Start number 28 was manually annotated 1 time for cluster A1.
•Start number 33 was manually annotated 1 time for cluster A1.
•Start number 53 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A7:
•Start number 36 was manually annotated 3 times for cluster A7.
•Start number 37 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster AC:
•Start number 35 was manually annotated 2 times for cluster AC.

Info for manual annotations of cluster C1:
•Start number 54 was manually annotated 192 times for cluster C1.

Info for manual annotations of cluster D2:
•Start number 25 was manually annotated 1 time for cluster D2.

Info for manual annotations of cluster H1:
•Start number 35 was manually annotated 10 times for cluster H1.

Info for manual annotations of cluster I1:
•Start number 24 was manually annotated 2 times for cluster I1.

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

Info for manual annotations of cluster O:
•Start number 23 was manually annotated 32 times for cluster O.

Info for manual annotations of cluster P1:
•Start number 24 was manually annotated 3 times for cluster P1.

Gene Information:

Gene: A6_30 Start: 25506, Stop: 26984, Start Num: 24
Candidate Starts for A6_30:
(Start: 24 @25506 has 237 MA's), (Start: 33 @25587 has 1 MA's), (40, 25653), (45, 25683), (82, 25935), (104, 26085), (116, 26166), (117, 26169), (130, 26280), (133, 26307), (135, 26340), (158, 26565), (159, 26577), (165, 26613), (168, 26655), (178, 26769), (211, 26967),

Gene: AFIS_32 Start: 26049, Stop: 27527, Start Num: 24
Candidate Starts for AFIS_32:
(Start: 24 @26049 has 237 MA's), (Start: 28 @26076 has 1 MA's), (Start: 33 @26130 has 1 MA's), (40, 26196), (Start: 53 @26262 has 1 MA's), (58, 26289), (82, 26478), (104, 26628), (116, 26709), (117, 26712), (130, 26823), (133, 26850), (135, 26883), (158, 27108), (159, 27120), (168, 27198), (178, 27312), (201, 27438), (211, 27510),

Gene: Ablatia_175 Start: 96196, Stop: 97272, Start Num: 54
Candidate Starts for Ablatia_175:
(Start: 54 @96196 has 192 MA's), (63, 96238), (64, 96241), (65, 96253), (70, 96277), (71, 96280), (78, 96337), (79, 96355), (84, 96409), (97, 96499), (101, 96520), (102, 96523), (113, 96619), (120, 96670), (130, 96751), (133, 96778), (150, 96910), (152, 96922), (153, 96931), (155, 96952), (166, 97015), (169, 97057), (174, 97126), (176, 97150), (179, 97162), (181, 97171), (184, 97192), (189, 97210), (190, 97216), (194, 97243),

Gene: Abrogate_330 Start: 26724, Stop: 28202, Start Num: 24
Candidate Starts for Abrogate_330:
(9, 26559), (13, 26607), (Start: 24 @26724 has 237 MA's), (Start: 33 @26805 has 1 MA's), (40, 26871), (Start: 53 @26937 has 1 MA's), (58, 26964), (82, 27153), (104, 27303), (116, 27384), (117, 27387), (130, 27498), (133, 27525), (135, 27558), (158, 27783), (159, 27795), (168, 27873), (178, 27987), (211, 28185),

Gene: Acme_34 Start: 26265, Stop: 27743, Start Num: 24
Candidate Starts for Acme_34:
(8, 26091), (9, 26100), (13, 26148), (Start: 24 @26265 has 237 MA's), (Start: 28 @26292 has 1 MA's), (Start: 33 @26346 has 1 MA's), (40, 26412), (Start: 53 @26478 has 1 MA's), (58, 26505), (82, 26694), (104, 26844), (116, 26925), (117, 26928), (130, 27039), (133, 27066), (135, 27099), (158, 27324),

(159, 27336), (168, 27414), (178, 27528), (211, 27726),

Gene: Ading_175 Start: 96031, Stop: 97107, Start Num: 54
Candidate Starts for Ading_175:
(Start: 54 @96031 has 192 MA's), (63, 96073), (64, 96076), (65, 96088), (70, 96112), (71, 96115), (78, 96172), (79, 96190), (84, 96244), (97, 96334), (101, 96355), (102, 96358), (113, 96454), (120, 96505), (130, 96586), (133, 96613), (150, 96745), (152, 96757), (153, 96766), (155, 96787), (166, 96850), (169, 96892), (174, 96961), (176, 96985), (179, 96997), (181, 97006), (184, 97027), (189, 97045), (190, 97051), (194, 97078),

Gene: Adlitam_173 Start: 95019, Stop: 96095, Start Num: 54
Candidate Starts for Adlitam_173:
(Start: 54 @95019 has 192 MA's), (63, 95061), (64, 95064), (65, 95076), (70, 95100), (71, 95103), (78, 95160), (79, 95178), (84, 95232), (97, 95322), (101, 95343), (102, 95346), (113, 95442), (120, 95493), (130, 95574), (133, 95601), (150, 95733), (152, 95745), (153, 95754), (155, 95775), (156, 95787), (166, 95838), (169, 95880), (174, 95949), (176, 95973), (179, 95985), (181, 95994), (184, 96015), (189, 96033), (190, 96039), (194, 96066),

Gene: Aeneas_34 Start: 26301, Stop: 27779, Start Num: 24
Candidate Starts for Aeneas_34:
(21, 26247), (Start: 24 @26301 has 237 MA's), (Start: 28 @26328 has 1 MA's), (31, 26364), (Start: 33 @26382 has 1 MA's), (40, 26448), (Start: 53 @26514 has 1 MA's), (58, 26541), (82, 26730), (91, 26775), (104, 26880), (116, 26961), (117, 26964), (130, 27075), (133, 27102), (135, 27135), (158, 27360), (159, 27372), (168, 27450), (178, 27564), (211, 27762),

Gene: Ajay_33 Start: 26477, Stop: 27955, Start Num: 24
Candidate Starts for Ajay_33:
(Start: 24 @26477 has 237 MA's), (Start: 28 @26504 has 1 MA's), (Start: 33 @26558 has 1 MA's), (40, 26624), (Start: 53 @26690 has 1 MA's), (58, 26717), (82, 26906), (104, 27056), (116, 27137), (117, 27140), (127, 27236), (130, 27251), (133, 27278), (135, 27311), (158, 27536), (159, 27548), (168, 27626), (178, 27740), (211, 27938),

Gene: Aldrich_34 Start: 27268, Stop: 28752, Start Num: 24
Candidate Starts for Aldrich_34:
(Start: 24 @27268 has 237 MA's), (Start: 28 @27295 has 1 MA's), (31, 27331), (Start: 33 @27349 has 1 MA's), (40, 27415), (58, 27508), (82, 27697), (104, 27847), (116, 27928), (117, 27931), (130, 28042), (133, 28069), (135, 28102), (152, 28279), (156, 28321), (159, 28339), (165, 28375), (168, 28417), (178, 28531), (179, 28534), (185, 28567), (196, 28621), (199, 28648), (210, 28723),

Gene: Alice_159 Start: 93768, Stop: 94844, Start Num: 54
Candidate Starts for Alice_159:
(Start: 54 @93768 has 192 MA's), (63, 93810), (64, 93813), (65, 93825), (70, 93849), (71, 93852), (77, 93900), (78, 93909), (79, 93927), (84, 93981), (97, 94071), (101, 94092), (102, 94095), (113, 94191), (120, 94242), (130, 94323), (133, 94350), (150, 94482), (152, 94494), (153, 94503), (155, 94524), (166, 94587), (169, 94629), (174, 94698), (176, 94722), (179, 94734), (181, 94743), (184, 94764), (189, 94782), (190, 94788), (194, 94815),

Gene: Alkhayr_59 Start: 38313, Stop: 39803, Start Num: 23
Candidate Starts for Alkhayr_59:
(Start: 23 @38313 has 34 MA's), (29, 38355), (43, 38484), (52, 38523), (64, 38580), (80, 38700), (82, 38736), (86, 38754), (95, 38811), (96, 38820), (100, 38856), (101, 38859), (102, 38862), (106, 38904), (113, 38949), (118, 38976), (136, 39168), (147, 39285), (154, 39342), (159, 39390), (168, 39468), (172, 39543), (178, 39582), (185, 39612), (195, 39660), (204, 39729),

Gene: Alsfro_36 Start: 26710, Stop: 28188, Start Num: 24
Candidate Starts for Alsfro_36:
(Start: 24 @26710 has 237 MA's), (Start: 28 @26737 has 1 MA's), (31, 26773), (Start: 33 @26791 has 1 MA's), (40, 26857), (Start: 53 @26923 has 1 MA's), (58, 26950), (82, 27139), (104, 27289), (116, 27370), (117, 27373), (130, 27484), (133, 27511), (135, 27544), (152, 27721), (158, 27769), (159, 27781), (168, 27859), (178, 27973), (211, 28171),

Gene: Altman_34 Start: 26768, Stop: 28246, Start Num: 24
Candidate Starts for Altman_34:
(Start: 24 @26768 has 237 MA's), (Start: 28 @26795 has 1 MA's), (Start: 33 @26849 has 1 MA's), (40, 26915), (Start: 53 @26981 has 1 MA's), (58, 27008), (82, 27197), (104, 27347), (116, 27428), (117, 27431), (130, 27542), (133, 27569), (135, 27602), (158, 27827), (159, 27839), (168, 27917), (178, 28031), (211, 28229),

Gene: Alvin_33 Start: 26537, Stop: 28027, Start Num: 24
Candidate Starts for Alvin_33:
(8, 26363), (9, 26372), (14, 26432), (Start: 24 @26537 has 237 MA's), (Start: 28 @26564 has 1 MA's), (29, 26579), (Start: 33 @26618 has 1 MA's), (40, 26684), (59, 26780), (64, 26804), (65, 26816), (69, 26840), (71, 26852), (82, 26966), (98, 27074), (118, 27206), (123, 27257), (133, 27350), (135, 27383), (137, 27419), (145, 27500), (147, 27515), (152, 27560), (159, 27620), (168, 27698), (172, 27773), (179, 27815), (211, 28010),

Gene: Amataga_174 Start: 94447, Stop: 95523, Start Num: 54
Candidate Starts for Amataga_174:
(Start: 54 @94447 has 192 MA's), (63, 94489), (64, 94492), (65, 94504), (70, 94528), (71, 94531), (78, 94588), (79, 94606), (84, 94660), (97, 94750), (101, 94771), (102, 94774), (113, 94870), (120, 94921), (130, 95002), (133, 95029), (150, 95161), (152, 95173), (153, 95182), (155, 95203), (166, 95266), (169, 95308), (174, 95377), (176, 95401), (179, 95413), (181, 95422), (184, 95443), (189, 95461), (190, 95467), (194, 95494),

Gene: Anglerfish_33 Start: 26681, Stop: 28159, Start Num: 24
Candidate Starts for Anglerfish_33:
(Start: 24 @26681 has 237 MA's), (Start: 28 @26708 has 1 MA's), (31, 26744), (Start: 33 @26762 has 1 MA's), (40, 26828), (Start: 53 @26894 has 1 MA's), (58, 26921), (82, 27110), (104, 27260), (116, 27341), (117, 27344), (130, 27455), (133, 27482), (135, 27515), (152, 27692), (158, 27740), (159, 27752), (168, 27830), (178, 27944), (209, 28106), (211, 28142),

Gene: Applejack_32 Start: 25942, Stop: 27420, Start Num: 24
Candidate Starts for Applejack_32:
(9, 25777), (13, 25825), (Start: 24 @25942 has 237 MA's), (Start: 28 @25969 has 1 MA's), (Start: 33 @26023 has 1 MA's), (40, 26089), (Start: 53 @26155 has 1 MA's), (56, 26173), (58, 26182), (82, 26371), (104, 26521), (116, 26602), (117, 26605), (130, 26716), (133, 26743), (135, 26776), (158, 27001), (159, 27013), (168, 27091), (178, 27205), (211, 27403),

Gene: Arcanine_33 Start: 25695, Stop: 27173, Start Num: 24
Candidate Starts for Arcanine_33:
(Start: 24 @25695 has 237 MA's), (Start: 28 @25722 has 1 MA's), (31, 25758), (Start: 33 @25776 has 1 MA's), (40, 25842), (Start: 53 @25908 has 1 MA's), (58, 25935), (82, 26124), (91, 26169), (104, 26274), (116, 26355), (117, 26358), (130, 26469), (133, 26496), (135, 26529), (158, 26754), (159, 26766), (168, 26844), (178, 26958), (209, 27120), (211, 27156),

Gene: ArcherS7_175 Start: 95477, Stop: 96553, Start Num: 54

Candidate Starts for ArcherS7_175:
(Start: 54 @95477 has 192 MA's), (63, 95519), (64, 95522), (65, 95534), (70, 95558), (71, 95561), (78, 95618), (79, 95636), (84, 95690), (97, 95780), (101, 95801), (102, 95804), (113, 95900), (120, 95951), (130, 96032), (133, 96059), (150, 96191), (152, 96203), (153, 96212), (155, 96233), (166, 96296), (169, 96338), (174, 96407), (176, 96431), (179, 96443), (181, 96452), (184, 96473), (189, 96491), (190, 96497), (194, 96524),

Gene: Arlo_31 Start: 25571, Stop: 27049, Start Num: 24
Candidate Starts for Arlo_31:
(1, 25313), (9, 25406), (13, 25454), (Start: 24 @25571 has 237 MA's), (Start: 28 @25598 has 1 MA's), (Start: 33 @25652 has 1 MA's), (40, 25718), (Start: 53 @25784 has 1 MA's), (58, 25811), (82, 26000), (91, 26045), (104, 26150), (116, 26231), (117, 26234), (130, 26345), (133, 26372), (135, 26405), (158, 26630), (159, 26642), (168, 26720), (178, 26834), (201, 26960), (211, 27032),

Gene: Ashballer_34 Start: 26695, Stop: 28173, Start Num: 24
Candidate Starts for Ashballer_34:
(1, 26437), (9, 26530), (Start: 24 @26695 has 237 MA's), (Start: 28 @26722 has 1 MA's), (31, 26758), (Start: 33 @26776 has 1 MA's), (40, 26842), (Start: 53 @26908 has 1 MA's), (58, 26935), (82, 27124), (104, 27274), (116, 27355), (117, 27358), (130, 27469), (133, 27496), (135, 27529), (158, 27754), (159, 27766), (168, 27844), (178, 27958), (211, 28156),

Gene: Ashwin_61 Start: 39083, Stop: 40573, Start Num: 23
Candidate Starts for Ashwin_61:
(Start: 23 @39083 has 34 MA's), (29, 39125), (43, 39254), (52, 39293), (64, 39350), (82, 39506), (86, 39524), (95, 39581), (96, 39590), (101, 39629), (102, 39632), (106, 39674), (113, 39719), (118, 39746), (136, 39938), (147, 40055), (154, 40112), (159, 40160), (168, 40238), (172, 40313), (178, 40352), (185, 40382), (195, 40430), (204, 40499),

Gene: Asterius_176 Start: 95164, Stop: 96240, Start Num: 54
Candidate Starts for Asterius_176:
(Start: 54 @95164 has 192 MA's), (63, 95206), (64, 95209), (65, 95221), (70, 95245), (71, 95248), (78, 95305), (79, 95323), (84, 95377), (97, 95467), (101, 95488), (102, 95491), (113, 95587), (120, 95638), (130, 95719), (133, 95746), (150, 95878), (152, 95890), (153, 95899), (155, 95920), (166, 95983), (169, 96025), (174, 96094), (176, 96118), (179, 96130), (181, 96139), (184, 96160), (189, 96178), (190, 96184), (194, 96211),

Gene: Astraea_169 Start: 94538, Stop: 95614, Start Num: 54
Candidate Starts for Astraea_169:
(Start: 54 @94538 has 192 MA's), (63, 94580), (64, 94583), (65, 94595), (70, 94619), (71, 94622), (78, 94679), (79, 94697), (84, 94751), (97, 94841), (101, 94862), (102, 94865), (113, 94961), (120, 95012), (130, 95093), (133, 95120), (150, 95252), (152, 95264), (153, 95273), (155, 95294), (166, 95357), (169, 95399), (174, 95468), (176, 95492), (179, 95504), (181, 95513), (184, 95534), (189, 95552), (190, 95558), (194, 95585),

Gene: Atkinbua_34 Start: 26395, Stop: 27873, Start Num: 24
Candidate Starts for Atkinbua_34:
(9, 26230), (Start: 24 @26395 has 237 MA's), (Start: 28 @26422 has 1 MA's), (Start: 33 @26476 has 1 MA's), (40, 26542), (Start: 53 @26608 has 1 MA's), (58, 26635), (82, 26824), (104, 26974), (116, 27055), (117, 27058), (130, 27169), (133, 27196), (135, 27229), (158, 27454), (159, 27466), (168, 27544), (178, 27658), (211, 27856),

Gene: Atlantean_173 Start: 94447, Stop: 95523, Start Num: 54
Candidate Starts for Atlantean_173:

(Start: 54 @94447 has 192 MA's), (63, 94489), (64, 94492), (65, 94504), (70, 94528), (71, 94531), (78, 94588), (79, 94606), (84, 94660), (97, 94750), (101, 94771), (102, 94774), (113, 94870), (120, 94921), (130, 95002), (133, 95029), (150, 95161), (152, 95173), (153, 95182), (155, 95203), (166, 95266), (169, 95308), (174, 95377), (176, 95401), (179, 95413), (181, 95422), (184, 95443), (189, 95461), (190, 95467), (194, 95494),

Gene: Audrick_177 Start: 95129, Stop: 96205, Start Num: 54
Candidate Starts for Audrick_177:
(Start: 54 @95129 has 192 MA's), (63, 95171), (64, 95174), (65, 95186), (70, 95210), (71, 95213), (78, 95270), (79, 95288), (84, 95342), (97, 95432), (101, 95453), (102, 95456), (113, 95552), (120, 95603), (130, 95684), (133, 95711), (150, 95843), (152, 95855), (153, 95864), (155, 95885), (166, 95948), (169, 95990), (174, 96059), (176, 96083), (179, 96095), (181, 96104), (184, 96125), (189, 96143), (190, 96149), (194, 96176),

Gene: Ava3_172 Start: 94630, Stop: 95706, Start Num: 54
Candidate Starts for Ava3_172:
(Start: 54 @94630 has 192 MA's), (63, 94672), (64, 94675), (65, 94687), (70, 94711), (71, 94714), (78, 94771), (79, 94789), (84, 94843), (97, 94933), (101, 94954), (102, 94957), (113, 95053), (120, 95104), (130, 95185), (133, 95212), (150, 95344), (152, 95356), (153, 95365), (155, 95386), (166, 95449), (169, 95491), (174, 95560), (176, 95584), (179, 95596), (181, 95605), (184, 95626), (189, 95644), (190, 95650), (194, 95677),

Gene: BK1_30 Start: 25506, Stop: 26984, Start Num: 24
Candidate Starts for BK1_30:
(Start: 24 @25506 has 237 MA's), (Start: 33 @25587 has 1 MA's), (40, 25653), (45, 25683), (82, 25935), (104, 26085), (116, 26166), (117, 26169), (130, 26280), (133, 26307), (135, 26340), (158, 26565), (159, 26577), (165, 26613), (168, 26655), (178, 26769), (211, 26967),

Gene: BPBiebs31_33 Start: 26266, Stop: 27744, Start Num: 24
Candidate Starts for BPBiebs31_33:
(Start: 24 @26266 has 237 MA's), (Start: 28 @26293 has 1 MA's), (31, 26329), (Start: 33 @26347 has 1 MA's), (40, 26413), (Start: 53 @26479 has 1 MA's), (58, 26506), (82, 26695), (104, 26845), (116, 26926), (117, 26929), (130, 27040), (133, 27067), (135, 27100), (152, 27277), (158, 27325), (159, 27337), (168, 27415), (178, 27529), (201, 27655), (211, 27727),

Gene: Babyland_177 Start: 95224, Stop: 96300, Start Num: 54
Candidate Starts for Babyland_177:
(Start: 54 @95224 has 192 MA's), (63, 95266), (64, 95269), (65, 95281), (70, 95305), (71, 95308), (78, 95365), (79, 95383), (84, 95437), (97, 95527), (101, 95548), (102, 95551), (113, 95647), (120, 95698), (130, 95779), (133, 95806), (150, 95938), (152, 95950), (153, 95959), (155, 95980), (166, 96043), (169, 96085), (174, 96154), (176, 96178), (179, 96190), (181, 96199), (184, 96220), (189, 96238), (190, 96244), (194, 96271),

Gene: BackyardAgain_171 Start: 93925, Stop: 95001, Start Num: 54
Candidate Starts for BackyardAgain_171:
(Start: 54 @93925 has 192 MA's), (63, 93967), (64, 93970), (65, 93982), (70, 94006), (71, 94009), (78, 94066), (79, 94084), (84, 94138), (97, 94228), (101, 94249), (102, 94252), (113, 94348), (120, 94399), (130, 94480), (133, 94507), (150, 94639), (152, 94651), (153, 94660), (155, 94681), (166, 94744), (169, 94786), (174, 94855), (176, 94879), (179, 94891), (181, 94900), (184, 94921), (189, 94939), (190, 94945), (194, 94972),

Gene: BaconJack_35 Start: 26464, Stop: 27948, Start Num: 24
Candidate Starts for BaconJack_35:

(9, 26299), (13, 26347), (Start: 24 @26464 has 237 MA's), (Start: 28 @26491 has 1 MA's), (Start: 33 @26545 has 1 MA's), (40, 26611), (45, 26641), (Start: 53 @26677 has 1 MA's), (58, 26704), (82, 26893), (91, 26938), (104, 27043), (116, 27124), (117, 27127), (130, 27238), (133, 27265), (135, 27298), (152, 27475), (156, 27517), (159, 27535), (165, 27571), (168, 27613), (178, 27727), (179, 27730), (185, 27763), (196, 27817), (199, 27844), (210, 27919),

Gene: BadAgartude_168 Start: 94930, Stop: 96006, Start Num: 54
Candidate Starts for BadAgartude_168:
(Start: 54 @94930 has 192 MA's), (63, 94972), (64, 94975), (65, 94987), (70, 95011), (71, 95014), (78, 95071), (79, 95089), (84, 95143), (97, 95233), (101, 95254), (102, 95257), (113, 95353), (120, 95404), (130, 95485), (133, 95512), (150, 95644), (152, 95656), (153, 95665), (155, 95686), (166, 95749), (169, 95791), (174, 95860), (176, 95884), (179, 95896), (181, 95905), (184, 95926), (189, 95944), (190, 95950), (194, 95977),

Gene: Bagrid_39 Start: 31581, Stop: 33086, Start Num: 24
Candidate Starts for Bagrid_39:
(4, 31356), (20, 31524), (22, 31578), (Start: 24 @31581 has 237 MA's), (30, 31629), (44, 31752), (71, 31902), (72, 31905), (82, 32016), (98, 32124), (103, 32154), (118, 32256), (130, 32373), (135, 32433), (136, 32448), (152, 32610), (154, 32622), (159, 32670), (165, 32706), (168, 32748), (173, 32826), (179, 32865), (180, 32868), (185, 32898), (192, 32928), (196, 32952),

Gene: BananaFence_172 Start: 95167, Stop: 96243, Start Num: 54
Candidate Starts for BananaFence_172:
(Start: 54 @95167 has 192 MA's), (63, 95209), (64, 95212), (65, 95224), (70, 95248), (71, 95251), (78, 95308), (79, 95326), (84, 95380), (97, 95470), (101, 95491), (102, 95494), (113, 95590), (120, 95641), (130, 95722), (133, 95749), (150, 95881), (152, 95893), (153, 95902), (155, 95923), (166, 95986), (169, 96028), (174, 96097), (176, 96121), (179, 96133), (181, 96142), (184, 96163), (189, 96181), (190, 96187), (194, 96214),

Gene: Bangla1971_175 Start: 94837, Stop: 95913, Start Num: 54
Candidate Starts for Bangla1971_175:
(Start: 54 @94837 has 192 MA's), (63, 94879), (64, 94882), (65, 94894), (70, 94918), (71, 94921), (78, 94978), (79, 94996), (84, 95050), (97, 95140), (101, 95161), (102, 95164), (113, 95260), (120, 95311), (130, 95392), (133, 95419), (150, 95551), (152, 95563), (153, 95572), (155, 95593), (166, 95656), (169, 95698), (174, 95767), (176, 95791), (179, 95803), (181, 95812), (184, 95833), (189, 95851), (190, 95857), (194, 95884),

Gene: Barriga_32 Start: 25797, Stop: 27275, Start Num: 24
Candidate Starts for Barriga_32:
(21, 25743), (Start: 24 @25797 has 237 MA's), (Start: 28 @25824 has 1 MA's), (31, 25860), (Start: 33 @25878 has 1 MA's), (40, 25944), (Start: 53 @26010 has 1 MA's), (58, 26037), (82, 26226), (91, 26271), (104, 26376), (116, 26457), (117, 26460), (130, 26571), (133, 26598), (135, 26631), (152, 26808), (158, 26856), (159, 26868), (168, 26946), (178, 27060), (201, 27186), (211, 27258),

Gene: BarrowTuph_31 Start: 25806, Stop: 27284, Start Num: 24
Candidate Starts for BarrowTuph_31:
(8, 25644), (9, 25653), (13, 25701), (Start: 24 @25806 has 237 MA's), (Start: 28 @25833 has 1 MA's), (Start: 33 @25887 has 1 MA's), (40, 25953), (Start: 53 @26019 has 1 MA's), (82, 26235), (104, 26385), (130, 26580), (133, 26607), (135, 26640), (158, 26865), (159, 26877), (168, 26955), (178, 27069), (201, 27195), (211, 27267),

Gene: Basquiat_172 Start: 94751, Stop: 95827, Start Num: 54
Candidate Starts for Basquiat_172:

(Start: 54 @94751 has 192 MA's), (63, 94793), (64, 94796), (65, 94808), (70, 94832), (71, 94835), (78, 94892), (79, 94910), (84, 94964), (97, 95054), (101, 95075), (102, 95078), (113, 95174), (120, 95225), (130, 95306), (133, 95333), (150, 95465), (152, 95477), (153, 95486), (155, 95507), (166, 95570), (169, 95612), (174, 95681), (176, 95705), (179, 95717), (181, 95726), (184, 95747), (189, 95765), (190, 95771), (194, 95798),

Gene: BeanWater_164 Start: 94491, Stop: 95567, Start Num: 54
Candidate Starts for BeanWater_164:
(Start: 54 @94491 has 192 MA's), (63, 94533), (64, 94536), (65, 94548), (70, 94572), (71, 94575), (78, 94632), (79, 94650), (84, 94704), (97, 94794), (101, 94815), (102, 94818), (113, 94914), (120, 94965), (130, 95046), (133, 95073), (150, 95205), (152, 95217), (153, 95226), (155, 95247), (166, 95310), (169, 95352), (174, 95421), (176, 95445), (179, 95457), (181, 95466), (184, 95487), (189, 95505), (190, 95511), (194, 95538),

Gene: Beatrix_32 Start: 27379, Stop: 28863, Start Num: 24
Candidate Starts for Beatrix_32:
(1, 27121), (9, 27214), (14, 27274), (Start: 24 @27379 has 237 MA's), (Start: 28 @27406 has 1 MA's), (Start: 33 @27460 has 1 MA's), (40, 27526), (Start: 53 @27592 has 1 MA's), (58, 27619), (82, 27808), (104, 27958), (116, 28039), (117, 28042), (130, 28153), (133, 28180), (135, 28213), (152, 28390), (156, 28432), (159, 28450), (165, 28486), (168, 28528), (178, 28642), (179, 28645), (185, 28678), (196, 28732), (199, 28759), (210, 28834),

Gene: Beckerton_30 Start: 29062, Stop: 30270, Start Num: 35
Candidate Starts for Beckerton_30:
(Start: 35 @29062 has 12 MA's), (38, 29089), (41, 29128), (62, 29230), (65, 29254), (84, 29407), (89, 29419), (90, 29437), (98, 29503), (99, 29512), (100, 29515), (102, 29521), (106, 29560), (107, 29563), (118, 29644), (124, 29701), (133, 29779), (139, 29809), (148, 29854), (150, 29875), (151, 29878), (153, 29896), (154, 29899), (170, 30040), (176, 30127), (177, 30133), (186, 30187), (194, 30229),

Gene: Beem_40 Start: 32147, Stop: 33652, Start Num: 24
Candidate Starts for Beem_40:
(4, 31922), (20, 32090), (22, 32144), (Start: 24 @32147 has 237 MA's), (30, 32195), (44, 32318), (71, 32468), (72, 32471), (82, 32582), (98, 32690), (103, 32720), (118, 32822), (130, 32939), (135, 32999), (136, 33014), (152, 33176), (154, 33188), (159, 33236), (165, 33272), (168, 33314), (173, 33392), (179, 33431), (180, 33434), (185, 33464), (192, 33494), (196, 33518),

Gene: BeesKnees_33 Start: 25996, Stop: 27474, Start Num: 24
Candidate Starts for BeesKnees_33:
(9, 25831), (Start: 24 @25996 has 237 MA's), (Start: 28 @26023 has 1 MA's), (Start: 33 @26077 has 1 MA's), (40, 26143), (Start: 53 @26209 has 1 MA's), (58, 26236), (82, 26425), (104, 26575), (116, 26656), (117, 26659), (130, 26770), (133, 26797), (135, 26830), (159, 27067), (168, 27145), (178, 27259), (211, 27457),

Gene: Belieber_169 Start: 94065, Stop: 95141, Start Num: 54
Candidate Starts for Belieber_169:
(Start: 54 @94065 has 192 MA's), (63, 94107), (64, 94110), (65, 94122), (70, 94146), (71, 94149), (78, 94206), (79, 94224), (84, 94278), (97, 94368), (101, 94389), (102, 94392), (113, 94488), (120, 94539), (130, 94620), (133, 94647), (150, 94779), (152, 94791), (153, 94800), (155, 94821), (166, 94884), (169, 94926), (174, 94995), (176, 95019), (179, 95031), (181, 95040), (184, 95061), (189, 95079), (190, 95085), (194, 95112),

Gene: Bethlehem_32 Start: 27222, Stop: 28700, Start Num: 24
Candidate Starts for Bethlehem_32:

(Start: 24 @27222 has 237 MA's), (Start: 28 @27249 has 1 MA's), (31, 27285), (Start: 33 @27303 has 1 MA's), (40, 27369), (Start: 53 @27435 has 1 MA's), (58, 27462), (60, 27471), (82, 27651), (91, 27696), (104, 27801), (116, 27882), (117, 27885), (130, 27996), (133, 28023), (135, 28056), (152, 28233), (158, 28281), (159, 28293), (168, 28371), (178, 28485), (201, 28611), (211, 28683),

Gene: Bezza_167 Start: 95006, Stop: 96082, Start Num: 54
Candidate Starts for Bezza_167:
(Start: 54 @95006 has 192 MA's), (63, 95048), (64, 95051), (65, 95063), (70, 95087), (71, 95090), (78, 95147), (79, 95165), (84, 95219), (97, 95309), (101, 95330), (102, 95333), (113, 95429), (120, 95480), (130, 95561), (133, 95588), (150, 95720), (152, 95732), (153, 95741), (155, 95762), (166, 95825), (169, 95867), (174, 95936), (176, 95960), (179, 95972), (181, 95981), (184, 96002), (189, 96020), (190, 96026), (194, 96053),

Gene: Big3_32 Start: 26577, Stop: 28067, Start Num: 24
Candidate Starts for Big3_32:
(Start: 24 @26577 has 237 MA's), (Start: 28 @26604 has 1 MA's), (Start: 33 @26658 has 1 MA's), (40, 26724), (59, 26820), (64, 26844), (65, 26856), (71, 26892), (82, 27006), (86, 27024), (88, 27027), (98, 27114), (118, 27246), (123, 27297), (133, 27390), (135, 27423), (145, 27540), (147, 27555), (152, 27600), (159, 27660), (168, 27738), (172, 27813), (179, 27855), (211, 28050),

Gene: BigCity_183 Start: 98043, Stop: 99119, Start Num: 54
Candidate Starts for BigCity_183:
(Start: 54 @98043 has 192 MA's), (63, 98085), (64, 98088), (65, 98100), (70, 98124), (71, 98127), (78, 98184), (79, 98202), (84, 98256), (97, 98346), (101, 98367), (102, 98370), (113, 98466), (120, 98517), (130, 98598), (133, 98625), (150, 98757), (152, 98769), (153, 98778), (155, 98799), (166, 98862), (169, 98904), (174, 98973), (176, 98997), (179, 99009), (181, 99018), (184, 99039), (189, 99057), (190, 99063), (194, 99090),

Gene: BigMau_34 Start: 26131, Stop: 27603, Start Num: 24
Candidate Starts for BigMau_34:
(9, 25966), (Start: 24 @26131 has 237 MA's), (Start: 28 @26158 has 1 MA's), (Start: 33 @26212 has 1 MA's), (40, 26278), (Start: 53 @26344 has 1 MA's), (58, 26371), (82, 26560), (104, 26710), (116, 26791), (117, 26794), (130, 26905), (133, 26932), (135, 26965), (152, 27142), (158, 27190), (159, 27202), (168, 27280), (178, 27394), (211, 27586),

Gene: BigPaolini_33 Start: 26575, Stop: 28053, Start Num: 24
Candidate Starts for BigPaolini_33:
(13, 26458), (Start: 24 @26575 has 237 MA's), (Start: 33 @26656 has 1 MA's), (40, 26722), (Start: 53 @26788 has 1 MA's), (56, 26806), (58, 26815), (82, 27004), (104, 27154), (116, 27235), (117, 27238), (130, 27349), (133, 27376), (135, 27409), (158, 27634), (159, 27646), (168, 27724), (178, 27838), (211, 28036),

Gene: Bigchungi_32 Start: 25948, Stop: 27426, Start Num: 24
Candidate Starts for Bigchungi_32:
(8, 25774), (9, 25783), (13, 25831), (Start: 24 @25948 has 237 MA's), (Start: 28 @25975 has 1 MA's), (Start: 33 @26029 has 1 MA's), (40, 26095), (Start: 53 @26161 has 1 MA's), (82, 26377), (104, 26527), (130, 26722), (133, 26749), (135, 26782), (152, 26959), (158, 27007), (159, 27019), (168, 27097), (178, 27211), (211, 27409),

Gene: Bigfoot_31 Start: 25737, Stop: 27215, Start Num: 24
Candidate Starts for Bigfoot_31:
(6, 25533), (9, 25572), (13, 25620), (Start: 24 @25737 has 237 MA's), (Start: 28 @25764 has 1 MA's), (Start: 33 @25818 has 1 MA's), (40, 25884), (82, 26166), (104, 26316), (116, 26397), (117, 26400),

(130, 26511), (133, 26538), (135, 26571), (158, 26796), (159, 26808), (165, 26844), (168, 26886), (178, 27000), (211, 27198),

Gene: Bigswole_178 Start: 97475, Stop: 98551, Start Num: 54
Candidate Starts for Bigswole_178:
(Start: 54 @97475 has 192 MA's), (63, 97517), (64, 97520), (65, 97532), (70, 97556), (71, 97559), (78, 97616), (79, 97634), (84, 97688), (97, 97778), (101, 97799), (102, 97802), (113, 97898), (120, 97949), (130, 98030), (133, 98057), (150, 98189), (152, 98201), (153, 98210), (155, 98231), (166, 98294), (169, 98336), (174, 98405), (176, 98429), (179, 98441), (181, 98450), (184, 98471), (189, 98489), (190, 98495), (194, 98522),

Gene: BillKnuckles_33 Start: 26662, Stop: 28140, Start Num: 24
Candidate Starts for BillKnuckles_33:
(Start: 24 @26662 has 237 MA's), (Start: 28 @26689 has 1 MA's), (31, 26725), (Start: 33 @26743 has 1 MA's), (40, 26809), (Start: 53 @26875 has 1 MA's), (58, 26902), (82, 27091), (104, 27241), (116, 27322), (117, 27325), (130, 27436), (133, 27463), (135, 27496), (158, 27721), (159, 27733), (168, 27811), (178, 27925), (211, 28123),

Gene: Bipolarisk_171 Start: 94898, Stop: 95974, Start Num: 54
Candidate Starts for Bipolarisk_171:
(Start: 54 @94898 has 192 MA's), (63, 94940), (64, 94943), (65, 94955), (70, 94979), (71, 94982), (78, 95039), (79, 95057), (84, 95111), (97, 95201), (101, 95222), (102, 95225), (113, 95321), (120, 95372), (130, 95453), (133, 95480), (150, 95612), (152, 95624), (153, 95633), (155, 95654), (166, 95717), (169, 95759), (174, 95828), (176, 95852), (179, 95864), (181, 95873), (184, 95894), (189, 95912), (190, 95918), (194, 95945),

Gene: Bircsak_32 Start: 26434, Stop: 27912, Start Num: 24
Candidate Starts for Bircsak_32:
(Start: 24 @26434 has 237 MA's), (Start: 28 @26461 has 1 MA's), (Start: 33 @26515 has 1 MA's), (40, 26581), (Start: 53 @26647 has 1 MA's), (56, 26665), (82, 26863), (91, 26908), (104, 27013), (116, 27094), (117, 27097), (130, 27208), (133, 27235), (135, 27268), (158, 27493), (159, 27505), (168, 27583), (178, 27697), (211, 27895),

Gene: Blackbrain_170 Start: 94796, Stop: 95872, Start Num: 54
Candidate Starts for Blackbrain_170:
(Start: 54 @94796 has 192 MA's), (63, 94838), (64, 94841), (65, 94853), (70, 94877), (71, 94880), (78, 94937), (79, 94955), (84, 95009), (97, 95099), (101, 95120), (102, 95123), (113, 95219), (120, 95270), (130, 95351), (133, 95378), (150, 95510), (152, 95522), (153, 95531), (155, 95552), (166, 95615), (169, 95657), (174, 95726), (176, 95750), (179, 95762), (181, 95771), (184, 95792), (189, 95810), (190, 95816), (194, 95843),

Gene: Blackdragon_169 Start: 94330, Stop: 95406, Start Num: 54
Candidate Starts for Blackdragon_169:
(Start: 54 @94330 has 192 MA's), (63, 94372), (64, 94375), (65, 94387), (70, 94411), (71, 94414), (78, 94471), (79, 94489), (84, 94543), (97, 94633), (101, 94654), (102, 94657), (113, 94753), (120, 94804), (130, 94885), (133, 94912), (150, 95044), (152, 95056), (153, 95065), (155, 95086), (166, 95149), (169, 95191), (174, 95260), (176, 95284), (179, 95296), (181, 95305), (184, 95326), (189, 95344), (190, 95350), (194, 95377),

Gene: Blackflame_32 Start: 25957, Stop: 27435, Start Num: 24
Candidate Starts for Blackflame_32:
(9, 25792), (Start: 24 @25957 has 237 MA's), (Start: 28 @25984 has 1 MA's), (31, 26020), (Start: 33 @26038 has 1 MA's), (40, 26104), (82, 26386), (91, 26431), (104, 26536), (130, 26731), (133, 26758),

(135, 26791), (156, 27010), (159, 27028), (165, 27064), (168, 27106), (178, 27220),

Gene: Blesser_32 Start: 26365, Stop: 27843, Start Num: 24
Candidate Starts for Blesser_32:
(9, 26200), (Start: 24 @26365 has 237 MA's), (Start: 28 @26392 has 1 MA's), (Start: 33 @26446 has 1 MA's), (40, 26512), (Start: 53 @26578 has 1 MA's), (58, 26605), (80, 26758), (82, 26794), (104, 26944), (116, 27025), (117, 27028), (130, 27139), (133, 27166), (135, 27199), (152, 27376), (158, 27424), (159, 27436), (168, 27514), (178, 27628), (209, 27790), (211, 27826),

Gene: Blessica_60 Start: 38912, Stop: 40402, Start Num: 23
Candidate Starts for Blessica_60:
(Start: 23 @38912 has 34 MA's), (29, 38954), (43, 39083), (52, 39122), (64, 39179), (80, 39299), (82, 39335), (86, 39353), (95, 39410), (96, 39419), (100, 39455), (101, 39458), (102, 39461), (106, 39503), (113, 39548), (118, 39575), (136, 39767), (147, 39884), (154, 39941), (159, 39989), (168, 40067), (172, 40142), (178, 40181), (185, 40211), (195, 40259), (204, 40328),

Gene: Blubba_162 Start: 96259, Stop: 97335, Start Num: 54
Candidate Starts for Blubba_162:
(Start: 54 @96259 has 192 MA's), (63, 96301), (64, 96304), (65, 96316), (70, 96340), (71, 96343), (78, 96400), (79, 96418), (84, 96472), (97, 96562), (101, 96583), (102, 96586), (113, 96682), (120, 96733), (130, 96814), (133, 96841), (150, 96973), (152, 96985), (153, 96994), (155, 97015), (166, 97078), (169, 97120), (174, 97189), (176, 97213), (179, 97225), (181, 97234), (184, 97255), (189, 97273), (190, 97279), (194, 97306),

Gene: Blue_32 Start: 26430, Stop: 27908, Start Num: 24
Candidate Starts for Blue_32:
(1, 26172), (8, 26256), (9, 26265), (13, 26313), (Start: 24 @26430 has 237 MA's), (Start: 33 @26511 has 1 MA's), (40, 26577), (Start: 53 @26643 has 1 MA's), (58, 26670), (82, 26859), (104, 27009), (116, 27090), (117, 27093), (130, 27204), (133, 27231), (135, 27264), (158, 27489), (159, 27501), (168, 27579), (178, 27693), (211, 27891),

Gene: Bob3_31 Start: 25471, Stop: 26949, Start Num: 24
Candidate Starts for Bob3_31:
(1, 25213), (9, 25306), (Start: 24 @25471 has 237 MA's), (Start: 28 @25498 has 1 MA's), (31, 25534), (Start: 33 @25552 has 1 MA's), (40, 25618), (Start: 53 @25684 has 1 MA's), (58, 25711), (82, 25900), (104, 26050), (116, 26131), (117, 26134), (130, 26245), (133, 26272), (135, 26305), (152, 26482), (158, 26530), (159, 26542), (168, 26620), (178, 26734), (211, 26932),

Gene: BobaPhatt_168 Start: 93950, Stop: 95026, Start Num: 54
Candidate Starts for BobaPhatt_168:
(Start: 54 @93950 has 192 MA's), (63, 93992), (64, 93995), (65, 94007), (70, 94031), (71, 94034), (78, 94091), (79, 94109), (84, 94163), (97, 94253), (101, 94274), (102, 94277), (113, 94373), (120, 94424), (130, 94505), (133, 94532), (150, 94664), (152, 94676), (153, 94685), (155, 94706), (166, 94769), (169, 94811), (174, 94880), (176, 94904), (179, 94916), (181, 94925), (184, 94946), (189, 94964), (190, 94970), (194, 94997),

Gene: Bobby_41 Start: 32988, Stop: 34496, Start Num: 24
Candidate Starts for Bobby_41:
(5, 32778), (10, 32835), (16, 32895), (20, 32931), (Start: 24 @32988 has 237 MA's), (44, 33159), (71, 33309), (82, 33423), (94, 33492), (98, 33531), (113, 33636), (123, 33714), (129, 33777), (137, 33876), (152, 34017), (156, 34059), (159, 34077), (164, 34098), (168, 34155), (178, 34269), (179, 34272), (180, 34275), (187, 34311), (196, 34359),

Gene: BobtimousPrime_32 Start: 28982, Stop: 30190, Start Num: 35
Candidate Starts for BobtimousPrime_32:
(Start: 35 @28982 has 12 MA's), (38, 29009), (41, 29048), (56, 29126), (62, 29150), (65, 29174), (84, 29327), (89, 29339), (90, 29357), (98, 29423), (99, 29432), (100, 29435), (102, 29441), (106, 29480), (107, 29483), (118, 29564), (124, 29621), (133, 29699), (139, 29729), (148, 29774), (150, 29795), (153, 29816), (154, 29819), (157, 29852), (170, 29960), (176, 30047), (177, 30053), (186, 30107), (191, 30131), (194, 30149),

Gene: Bogie_21 Start: 21258, Stop: 22748, Start Num: 24
Candidate Starts for Bogie_21:
(21, 21204), (Start: 24 @21258 has 237 MA's), (29, 21300), (Start: 36 @21357 has 3 MA's), (43, 21429), (82, 21681), (85, 21696), (86, 21699), (88, 21702), (94, 21750), (101, 21804), (102, 21807), (106, 21849), (113, 21894), (122, 21969), (127, 22023), (129, 22035), (133, 22065), (143, 22176), (159, 22335), (161, 22344), (164, 22356), (168, 22413), (172, 22488), (178, 22527), (192, 22587), (198, 22623), (203, 22659), (207, 22680), (210, 22719),

Gene: Bombitas_36 Start: 31171, Stop: 32673, Start Num: 24
Candidate Starts for Bombitas_36:
(7, 30982), (8, 31000), (10, 31018), (11, 31021), (18, 31102), (19, 31111), (Start: 24 @31171 has 237 MA's), (26, 31183), (30, 31219), (31, 31234), (32, 31237), (59, 31420), (64, 31444), (65, 31456), (67, 31474), (79, 31558), (82, 31600), (94, 31669), (113, 31813), (118, 31840), (121, 31885), (123, 31891), (125, 31900), (129, 31957), (133, 31987), (140, 32080), (152, 32197), (157, 32242), (159, 32257), (160, 32263), (165, 32293), (168, 32335), (176, 32440), (185, 32485), (187, 32491), (196, 32539), (200, 32569), (205, 32599), (208, 32608),

Gene: Bones_32 Start: 25837, Stop: 27321, Start Num: 24
Candidate Starts for Bones_32:
(9, 25672), (13, 25720), (Start: 24 @25837 has 237 MA's), (Start: 28 @25864 has 1 MA's), (Start: 33 @25918 has 1 MA's), (40, 25984), (Start: 53 @26050 has 1 MA's), (58, 26077), (82, 26266), (91, 26311), (104, 26416), (130, 26611), (133, 26638), (135, 26671), (152, 26848), (156, 26890), (159, 26908), (165, 26944), (168, 26986), (178, 27100), (179, 27103), (185, 27136), (196, 27190), (199, 27217), (210, 27292),

Gene: Bonray_175 Start: 96301, Stop: 97377, Start Num: 54
Candidate Starts for Bonray_175:
(Start: 54 @96301 has 192 MA's), (63, 96343), (64, 96346), (65, 96358), (70, 96382), (71, 96385), (78, 96442), (79, 96460), (84, 96514), (97, 96604), (101, 96625), (102, 96628), (113, 96724), (120, 96775), (130, 96856), (133, 96883), (150, 97015), (152, 97027), (153, 97036), (155, 97057), (166, 97120), (169, 97162), (174, 97231), (176, 97255), (179, 97267), (181, 97276), (184, 97297), (189, 97315), (190, 97321), (194, 97348),

Gene: Bora_57 Start: 38269, Stop: 39759, Start Num: 23
Candidate Starts for Bora_57:
(Start: 23 @38269 has 34 MA's), (29, 38311), (43, 38440), (52, 38479), (64, 38536), (80, 38656), (82, 38692), (86, 38710), (95, 38767), (96, 38776), (100, 38812), (101, 38815), (102, 38818), (106, 38860), (113, 38905), (118, 38932), (136, 39124), (147, 39241), (154, 39298), (159, 39346), (168, 39424), (172, 39499), (178, 39538), (185, 39568), (195, 39616), (204, 39685),

Gene: Bowman_176 Start: 96145, Stop: 97221, Start Num: 54
Candidate Starts for Bowman_176:
(Start: 54 @96145 has 192 MA's), (63, 96187), (64, 96190), (65, 96202), (70, 96226), (71, 96229), (78, 96286), (79, 96304), (84, 96358), (97, 96448), (101, 96469), (102, 96472), (113, 96568), (120, 96619), (130, 96700), (133, 96727), (150, 96859), (152, 96871), (153, 96880), (155, 96901), (166, 96964),

(169, 97006), (174, 97075), (176, 97099), (179, 97111), (181, 97120), (184, 97141), (189, 97159), (190, 97165), (194, 97192),

Gene: Bread_170 Start: 94859, Stop: 95935, Start Num: 54
Candidate Starts for Bread_170:
(Start: 54 @94859 has 192 MA's), (63, 94901), (64, 94904), (65, 94916), (70, 94940), (71, 94943), (78, 95000), (79, 95018), (84, 95072), (97, 95162), (101, 95183), (102, 95186), (113, 95282), (120, 95333), (130, 95414), (133, 95441), (150, 95573), (152, 95585), (153, 95594), (155, 95615), (166, 95678), (169, 95720), (174, 95789), (176, 95813), (179, 95825), (181, 95834), (184, 95855), (189, 95873), (190, 95879), (194, 95906),

Gene: Breeniome_175 Start: 94490, Stop: 95566, Start Num: 54
Candidate Starts for Breeniome_175:
(Start: 54 @94490 has 192 MA's), (63, 94532), (64, 94535), (65, 94547), (70, 94571), (71, 94574), (78, 94631), (79, 94649), (84, 94703), (97, 94793), (101, 94814), (102, 94817), (113, 94913), (120, 94964), (130, 95045), (133, 95072), (150, 95204), (152, 95216), (153, 95225), (155, 95246), (166, 95309), (169, 95351), (174, 95420), (176, 95444), (179, 95456), (181, 95465), (184, 95486), (189, 95504), (190, 95510), (194, 95537),

Gene: Briton15_34 Start: 26229, Stop: 27707, Start Num: 24
Candidate Starts for Briton15_34:
(8, 26055), (9, 26064), (Start: 24 @26229 has 237 MA's), (Start: 28 @26256 has 1 MA's), (31, 26292), (Start: 33 @26310 has 1 MA's), (40, 26376), (59, 26472), (82, 26658), (104, 26808), (116, 26889), (117, 26892), (130, 27003), (133, 27030), (135, 27063), (152, 27240), (159, 27300), (168, 27378), (178, 27492), (211, 27690),

Gene: Brujita_22 Start: 21613, Stop: 23103, Start Num: 24
Candidate Starts for Brujita_22:
(21, 21559), (Start: 24 @21613 has 237 MA's), (29, 21655), (Start: 36 @21712 has 3 MA's), (43, 21784), (82, 22036), (85, 22051), (86, 22054), (88, 22057), (94, 22105), (101, 22159), (102, 22162), (106, 22204), (113, 22249), (122, 22324), (127, 22378), (129, 22390), (133, 22420), (143, 22531), (159, 22690), (161, 22699), (164, 22711), (168, 22768), (172, 22843), (178, 22882), (192, 22942), (198, 22978), (203, 23014), (207, 23035), (210, 23074),

Gene: Bruns_31 Start: 25859, Stop: 27343, Start Num: 24
Candidate Starts for Bruns_31:
(Start: 24 @25859 has 237 MA's), (Start: 33 @25940 has 1 MA's), (40, 26006), (Start: 53 @26072 has 1 MA's), (58, 26099), (82, 26288), (91, 26333), (104, 26438), (116, 26519), (117, 26522), (130, 26633), (133, 26660), (135, 26693), (152, 26870), (156, 26912), (159, 26930), (165, 26966), (168, 27008), (178, 27122), (179, 27125), (185, 27158), (196, 27212), (199, 27239), (210, 27314),

Gene: Burrough_176 Start: 96704, Stop: 97780, Start Num: 54
Candidate Starts for Burrough_176:
(Start: 54 @96704 has 192 MA's), (63, 96746), (64, 96749), (65, 96761), (70, 96785), (71, 96788), (78, 96845), (79, 96863), (84, 96917), (97, 97007), (101, 97028), (102, 97031), (113, 97127), (120, 97178), (130, 97259), (133, 97286), (150, 97418), (152, 97430), (153, 97439), (155, 97460), (166, 97523), (169, 97565), (174, 97634), (176, 97658), (179, 97670), (181, 97679), (184, 97700), (189, 97718), (190, 97724), (194, 97751),

Gene: Burton_33 Start: 26079, Stop: 27557, Start Num: 24
Candidate Starts for Burton_33:
(Start: 24 @26079 has 237 MA's), (Start: 28 @26106 has 1 MA's), (31, 26142), (Start: 33 @26160 has 1 MA's), (40, 26226), (Start: 53 @26292 has 1 MA's), (58, 26319), (82, 26508), (104, 26658), (116,

26739), (117, 26742), (130, 26853), (133, 26880), (135, 26913), (152, 27090), (158, 27138), (159, 27150), (168, 27228), (178, 27342), (211, 27540),

Gene: Buttons_34 Start: 26920, Stop: 28398, Start Num: 24
Candidate Starts for Buttons_34:
(1, 26662), (5, 26704), (9, 26755), (Start: 24 @26920 has 237 MA's), (Start: 28 @26947 has 1 MA's), (31, 26983), (Start: 33 @27001 has 1 MA's), (40, 27067), (Start: 53 @27133 has 1 MA's), (58, 27160), (82, 27349), (91, 27394), (104, 27499), (130, 27694), (133, 27721), (135, 27754), (158, 27979), (159, 27991), (168, 28069), (178, 28183), (211, 28381),

Gene: Bxb1_30 Start: 26030, Stop: 27520, Start Num: 24
Candidate Starts for Bxb1_30:
(8, 25856), (9, 25865), (13, 25913), (Start: 24 @26030 has 237 MA's), (Start: 28 @26057 has 1 MA's), (Start: 33 @26111 has 1 MA's), (40, 26177), (59, 26273), (64, 26297), (65, 26309), (71, 26345), (82, 26459), (98, 26567), (118, 26699), (123, 26750), (133, 26843), (135, 26876), (137, 26912), (145, 26993), (147, 27008), (152, 27053), (158, 27101), (159, 27113), (168, 27191), (172, 27266), (179, 27308), (211, 27503),

Gene: Bxz1_169 Start: 97902, Stop: 98978, Start Num: 54
Candidate Starts for Bxz1_169:
(Start: 54 @97902 has 192 MA's), (63, 97944), (64, 97947), (65, 97959), (70, 97983), (71, 97986), (78, 98043), (79, 98061), (84, 98115), (97, 98205), (101, 98226), (102, 98229), (113, 98325), (120, 98376), (130, 98457), (133, 98484), (150, 98616), (152, 98628), (153, 98637), (155, 98658), (166, 98721), (169, 98763), (174, 98832), (176, 98856), (179, 98868), (181, 98877), (184, 98898), (189, 98916), (190, 98922), (194, 98949),

Gene: Cactojaque_170 Start: 94771, Stop: 95847, Start Num: 54
Candidate Starts for Cactojaque_170:
(Start: 54 @94771 has 192 MA's), (63, 94813), (64, 94816), (65, 94828), (70, 94852), (71, 94855), (78, 94912), (79, 94930), (84, 94984), (97, 95074), (101, 95095), (102, 95098), (113, 95194), (120, 95245), (130, 95326), (133, 95353), (150, 95485), (152, 95497), (153, 95506), (155, 95527), (166, 95590), (169, 95632), (174, 95701), (176, 95725), (179, 95737), (181, 95746), (184, 95767), (189, 95785), (190, 95791), (194, 95818),

Gene: CactusRose_31 Start: 25832, Stop: 27313, Start Num: 24
Candidate Starts for CactusRose_31:
(9, 25667), (Start: 24 @25832 has 237 MA's), (Start: 28 @25859 has 1 MA's), (31, 25895), (Start: 33 @25913 has 1 MA's), (40, 25979), (82, 26261), (104, 26411), (116, 26492), (117, 26495), (130, 26606), (133, 26633), (135, 26666), (152, 26843), (156, 26885), (159, 26903), (165, 26939), (168, 26981), (179, 27098), (180, 27101), (196, 27185), (197, 27194),

Gene: Cali_169 Start: 95810, Stop: 96886, Start Num: 54
Candidate Starts for Cali_169:
(Start: 54 @95810 has 192 MA's), (63, 95852), (64, 95855), (65, 95867), (70, 95891), (71, 95894), (78, 95951), (79, 95969), (84, 96023), (97, 96113), (101, 96134), (102, 96137), (113, 96233), (120, 96284), (130, 96365), (133, 96392), (150, 96524), (152, 96536), (153, 96545), (155, 96566), (166, 96629), (169, 96671), (174, 96740), (176, 96764), (179, 96776), (181, 96785), (184, 96806), (189, 96824), (190, 96830), (194, 96857),

Gene: Cane17_163 Start: 96668, Stop: 97744, Start Num: 54
Candidate Starts for Cane17_163:
(Start: 54 @96668 has 192 MA's), (63, 96710), (64, 96713), (65, 96725), (70, 96749), (71, 96752), (78, 96809), (79, 96827), (84, 96881), (97, 96971), (101, 96992), (102, 96995), (113, 97091), (120, 97142),

(130, 97223), (133, 97250), (150, 97382), (152, 97394), (153, 97403), (155, 97424), (166, 97487), (169, 97529), (174, 97598), (176, 97622), (179, 97634), (181, 97643), (184, 97664), (189, 97682), (190, 97688), (194, 97715),

Gene: Capablanca_177 Start: 96896, Stop: 97972, Start Num: 54
Candidate Starts for Capablanca_177:
(Start: 54 @96896 has 192 MA's), (63, 96938), (64, 96941), (65, 96953), (70, 96977), (71, 96980), (78, 97037), (79, 97055), (84, 97109), (97, 97199), (101, 97220), (102, 97223), (113, 97319), (120, 97370), (130, 97451), (133, 97478), (150, 97610), (152, 97622), (153, 97631), (155, 97652), (166, 97715), (169, 97757), (174, 97826), (176, 97850), (179, 97862), (181, 97871), (184, 97892), (189, 97910), (190, 97916), (194, 97943),

Gene: Caravan_165 Start: 94605, Stop: 95681, Start Num: 54
Candidate Starts for Caravan_165:
(Start: 54 @94605 has 192 MA's), (63, 94647), (64, 94650), (65, 94662), (70, 94686), (71, 94689), (78, 94746), (79, 94764), (84, 94818), (97, 94908), (101, 94929), (102, 94932), (113, 95028), (120, 95079), (130, 95160), (133, 95187), (150, 95319), (152, 95331), (153, 95340), (155, 95361), (166, 95424), (169, 95466), (174, 95535), (176, 95559), (179, 95571), (181, 95580), (184, 95601), (189, 95619), (190, 95625), (194, 95652),

Gene: Carlyle_34 Start: 26759, Stop: 28237, Start Num: 24
Candidate Starts for Carlyle_34:
(5, 26543), (9, 26594), (13, 26642), (Start: 24 @26759 has 237 MA's), (Start: 28 @26786 has 1 MA's), (Start: 33 @26840 has 1 MA's), (40, 26906), (Start: 53 @26972 has 1 MA's), (58, 26999), (82, 27188), (104, 27338), (117, 27422), (130, 27533), (133, 27560), (135, 27593), (158, 27818), (159, 27830), (168, 27908), (178, 28022), (211, 28220),

Gene: CartmannCramer_32 Start: 27977, Stop: 29455, Start Num: 24
Candidate Starts for CartmannCramer_32:
(9, 27812), (13, 27860), (Start: 24 @27977 has 237 MA's), (Start: 28 @28004 has 1 MA's), (Start: 33 @28058 has 1 MA's), (40, 28124), (Start: 53 @28190 has 1 MA's), (56, 28208), (58, 28217), (82, 28406), (91, 28451), (104, 28556), (116, 28637), (117, 28640), (130, 28751), (133, 28778), (135, 28811), (158, 29036), (159, 29048), (168, 29126), (178, 29240), (211, 29438),

Gene: CatBus_34 Start: 27460, Stop: 28944, Start Num: 24
Candidate Starts for CatBus_34:
(Start: 24 @27460 has 237 MA's), (Start: 28 @27487 has 1 MA's), (31, 27523), (Start: 33 @27541 has 1 MA's), (40, 27607), (58, 27700), (82, 27889), (104, 28039), (116, 28120), (117, 28123), (130, 28234), (133, 28261), (135, 28294), (152, 28471), (156, 28513), (159, 28531), (165, 28567), (168, 28609), (178, 28723), (179, 28726), (185, 28759), (196, 28813), (199, 28840), (210, 28915),

Gene: Catdawg_59 Start: 38648, Stop: 40138, Start Num: 23
Candidate Starts for Catdawg_59:
(Start: 23 @38648 has 34 MA's), (29, 38690), (43, 38819), (52, 38858), (64, 38915), (80, 39035), (82, 39071), (86, 39089), (95, 39146), (96, 39155), (100, 39191), (101, 39194), (102, 39197), (106, 39239), (113, 39284), (118, 39311), (136, 39503), (147, 39620), (154, 39677), (159, 39725), (168, 39803), (172, 39878), (178, 39917), (185, 39947), (195, 39995), (204, 40064),

Gene: Catera_169 Start: 93891, Stop: 94967, Start Num: 54
Candidate Starts for Catera_169:
(Start: 54 @93891 has 192 MA's), (63, 93933), (64, 93936), (65, 93948), (70, 93972), (71, 93975), (78, 94032), (79, 94050), (84, 94104), (97, 94194), (101, 94215), (102, 94218), (113, 94314), (120, 94365), (130, 94446), (133, 94473), (150, 94605), (152, 94617), (153, 94626), (155, 94647), (166, 94710),

(169, 94752), (174, 94821), (176, 94845), (179, 94857), (181, 94866), (184, 94887), (189, 94905), (190, 94911), (194, 94938),

Gene: Cborch11_31 Start: 28524, Stop: 29732, Start Num: 35
Candidate Starts for Cborch11_31:
(Start: 35 @28524 has 12 MA's), (38, 28551), (41, 28590), (62, 28692), (65, 28716), (84, 28869), (89, 28881), (98, 28965), (99, 28974), (100, 28977), (102, 28983), (106, 29022), (107, 29025), (118, 29106), (124, 29163), (133, 29241), (139, 29271), (148, 29316), (150, 29337), (151, 29340), (153, 29358), (154, 29361), (170, 29502), (176, 29589), (177, 29595), (186, 29649), (194, 29691),

Gene: Chanagan_31 Start: 25544, Stop: 27022, Start Num: 24
Candidate Starts for Chanagan_31:
(9, 25379), (Start: 24 @25544 has 237 MA's), (Start: 28 @25571 has 1 MA's), (Start: 33 @25625 has 1 MA's), (40, 25691), (42, 25709), (Start: 53 @25757 has 1 MA's), (58, 25784), (82, 25973), (91, 26018), (104, 26123), (116, 26204), (117, 26207), (130, 26318), (133, 26345), (135, 26378), (158, 26603), (159, 26615), (168, 26693), (178, 26807), (211, 27005),

Gene: Chargie21_172 Start: 94751, Stop: 95827, Start Num: 54
Candidate Starts for Chargie21_172:
(Start: 54 @94751 has 192 MA's), (63, 94793), (64, 94796), (65, 94808), (70, 94832), (71, 94835), (78, 94892), (79, 94910), (84, 94964), (97, 95054), (101, 95075), (102, 95078), (113, 95174), (120, 95225), (130, 95306), (133, 95333), (150, 95465), (152, 95477), (153, 95486), (155, 95507), (166, 95570), (169, 95612), (174, 95681), (176, 95705), (179, 95717), (181, 95726), (184, 95747), (189, 95765), (190, 95771), (194, 95798),

Gene: CharlieB_169 Start: 94693, Stop: 95769, Start Num: 54
Candidate Starts for CharlieB_169:
(Start: 54 @94693 has 192 MA's), (63, 94735), (64, 94738), (65, 94750), (70, 94774), (71, 94777), (78, 94834), (79, 94852), (84, 94906), (97, 94996), (101, 95017), (102, 95020), (113, 95116), (120, 95167), (130, 95248), (133, 95275), (150, 95407), (152, 95419), (153, 95428), (155, 95449), (166, 95512), (169, 95554), (174, 95623), (176, 95647), (179, 95659), (181, 95668), (184, 95689), (189, 95707), (190, 95713), (194, 95740),

Gene: ChaylaJr_171 Start: 94619, Stop: 95695, Start Num: 54
Candidate Starts for ChaylaJr_171:
(Start: 54 @94619 has 192 MA's), (63, 94661), (64, 94664), (65, 94676), (70, 94700), (71, 94703), (78, 94760), (79, 94778), (84, 94832), (97, 94922), (101, 94943), (102, 94946), (113, 95042), (120, 95093), (130, 95174), (133, 95201), (150, 95333), (152, 95345), (153, 95354), (155, 95375), (166, 95438), (169, 95480), (174, 95549), (176, 95573), (179, 95585), (181, 95594), (184, 95615), (189, 95633), (190, 95639), (194, 95666),

Gene: ChickenPhender_171 Start: 94898, Stop: 95974, Start Num: 54
Candidate Starts for ChickenPhender_171:
(Start: 54 @94898 has 192 MA's), (63, 94940), (64, 94943), (65, 94955), (70, 94979), (71, 94982), (78, 95039), (79, 95057), (84, 95111), (97, 95201), (101, 95222), (102, 95225), (113, 95321), (120, 95372), (130, 95453), (133, 95480), (150, 95612), (152, 95624), (153, 95633), (155, 95654), (166, 95717), (169, 95759), (174, 95828), (176, 95852), (179, 95864), (181, 95873), (184, 95894), (189, 95912), (190, 95918), (194, 95945),

Gene: Chomp_174 Start: 95736, Stop: 96812, Start Num: 54
Candidate Starts for Chomp_174:
(Start: 54 @95736 has 192 MA's), (63, 95778), (64, 95781), (65, 95793), (70, 95817), (71, 95820), (78, 95877), (79, 95895), (84, 95949), (97, 96039), (101, 96060), (102, 96063), (113, 96159), (120, 96210),

(130, 96291), (133, 96318), (150, 96450), (152, 96462), (153, 96471), (155, 96492), (166, 96555), (169, 96597), (174, 96666), (176, 96690), (179, 96702), (181, 96711), (184, 96732), (189, 96750), (190, 96756), (194, 96783),

Gene: ChristmasHams_33 Start: 25935, Stop: 27413, Start Num: 24
Candidate Starts for ChristmasHams_33:
(Start: 24 @25935 has 237 MA's), (Start: 28 @25962 has 1 MA's), (Start: 33 @26016 has 1 MA's), (40, 26082), (Start: 53 @26148 has 1 MA's), (58, 26175), (82, 26364), (91, 26409), (104, 26514), (116, 26595), (117, 26598), (130, 26709), (133, 26736), (135, 26769), (158, 26994), (159, 27006), (168, 27084), (178, 27198), (211, 27396),

Gene: Ciao_32 Start: 25887, Stop: 27365, Start Num: 24
Candidate Starts for Ciao_32:
(8, 25713), (9, 25722), (13, 25770), (Start: 24 @25887 has 237 MA's), (Start: 28 @25914 has 1 MA's), (Start: 33 @25968 has 1 MA's), (40, 26034), (Start: 53 @26100 has 1 MA's), (56, 26118), (58, 26127), (82, 26316), (91, 26361), (104, 26466), (116, 26547), (117, 26550), (130, 26661), (133, 26688), (135, 26721), (158, 26946), (159, 26958), (168, 27036), (178, 27150), (211, 27348),

Gene: CindyLou_176 Start: 96479, Stop: 97555, Start Num: 54
Candidate Starts for CindyLou_176:
(Start: 54 @96479 has 192 MA's), (63, 96521), (64, 96524), (65, 96536), (70, 96560), (71, 96563), (78, 96620), (79, 96638), (84, 96692), (97, 96782), (101, 96803), (102, 96806), (113, 96902), (120, 96953), (130, 97034), (133, 97061), (150, 97193), (152, 97205), (153, 97214), (155, 97235), (166, 97298), (169, 97340), (174, 97409), (176, 97433), (179, 97445), (181, 97454), (184, 97475), (189, 97493), (190, 97499), (194, 97526),

Gene: Cleatunium_166 Start: 94128, Stop: 95204, Start Num: 54
Candidate Starts for Cleatunium_166:
(Start: 54 @94128 has 192 MA's), (63, 94170), (64, 94173), (65, 94185), (70, 94209), (71, 94212), (78, 94269), (79, 94287), (84, 94341), (97, 94431), (101, 94452), (102, 94455), (113, 94551), (120, 94602), (130, 94683), (133, 94710), (150, 94842), (152, 94854), (153, 94863), (155, 94884), (166, 94947), (169, 94989), (174, 95058), (176, 95082), (179, 95094), (181, 95103), (184, 95124), (189, 95142), (190, 95148), (194, 95175),

Gene: Colt_164 Start: 96333, Stop: 97409, Start Num: 54
Candidate Starts for Colt_164:
(Start: 54 @96333 has 192 MA's), (63, 96375), (64, 96378), (65, 96390), (70, 96414), (71, 96417), (78, 96474), (79, 96492), (84, 96546), (97, 96636), (101, 96657), (102, 96660), (113, 96756), (120, 96807), (130, 96888), (133, 96915), (150, 97047), (152, 97059), (153, 97068), (155, 97089), (166, 97152), (169, 97194), (174, 97263), (176, 97287), (179, 97299), (181, 97308), (184, 97329), (189, 97347), (190, 97353), (194, 97380),

Gene: ConceptII_34 Start: 26901, Stop: 28379, Start Num: 24
Candidate Starts for ConceptII_34:
(Start: 24 @26901 has 237 MA's), (Start: 28 @26928 has 1 MA's), (31, 26964), (Start: 33 @26982 has 1 MA's), (40, 27048), (Start: 53 @27114 has 1 MA's), (58, 27141), (82, 27330), (104, 27480), (116, 27561), (117, 27564), (130, 27675), (133, 27702), (135, 27735), (152, 27912), (158, 27960), (159, 27972), (168, 28050), (178, 28164), (211, 28362),

Gene: Concombre_179 Start: 97486, Stop: 98562, Start Num: 54
Candidate Starts for Concombre_179:
(Start: 54 @97486 has 192 MA's), (63, 97528), (64, 97531), (65, 97543), (70, 97567), (71, 97570), (78, 97627), (79, 97645), (84, 97699), (97, 97789), (101, 97810), (102, 97813), (113, 97909), (120, 97960),

(130, 98041), (133, 98068), (150, 98200), (152, 98212), (153, 98221), (155, 98242), (166, 98305), (169, 98347), (174, 98416), (176, 98440), (179, 98452), (181, 98461), (184, 98482), (189, 98500), (190, 98506), (194, 98533),

Gene: Constella_34 Start: 30934, Stop: 32442, Start Num: 24
Candidate Starts for Constella_34:
(5, 30724), (10, 30781), (16, 30841), (20, 30877), (Start: 24 @30934 has 237 MA's), (44, 31105), (71, 31255), (82, 31369), (94, 31438), (98, 31477), (113, 31582), (123, 31660), (129, 31723), (137, 31822), (152, 31963), (156, 32005), (159, 32023), (164, 32044), (168, 32101), (178, 32215), (179, 32218), (180, 32221), (187, 32257), (196, 32305),

Gene: Corndog_62 Start: 39642, Stop: 41132, Start Num: 23
Candidate Starts for Corndog_62:
(Start: 23 @39642 has 34 MA's), (29, 39684), (43, 39813), (52, 39852), (64, 39909), (82, 40065), (86, 40083), (95, 40140), (96, 40149), (101, 40188), (102, 40191), (106, 40233), (113, 40278), (118, 40305), (136, 40497), (147, 40614), (154, 40671), (159, 40719), (168, 40797), (172, 40872), (178, 40911), (185, 40941), (195, 40989), (204, 41058),

Gene: Corvo_33 Start: 26896, Stop: 28380, Start Num: 24
Candidate Starts for Corvo_33:
(9, 26731), (Start: 24 @26896 has 237 MA's), (Start: 33 @26977 has 1 MA's), (40, 27043), (Start: 53 @27109 has 1 MA's), (58, 27136), (82, 27325), (91, 27370), (104, 27475), (116, 27556), (117, 27559), (130, 27670), (133, 27697), (135, 27730), (152, 27907), (156, 27949), (159, 27967), (165, 28003), (168, 28045), (178, 28159), (179, 28162), (185, 28195), (196, 28249), (199, 28276), (210, 28351),

Gene: Crispicous1_31 Start: 25473, Stop: 26963, Start Num: 24
Candidate Starts for Crispicous1_31:
(9, 25308), (17, 25398), (Start: 24 @25473 has 237 MA's), (Start: 28 @25500 has 1 MA's), (Start: 33 @25554 has 1 MA's), (40, 25620), (58, 25713), (59, 25716), (64, 25740), (65, 25752), (71, 25788), (82, 25902), (98, 26010), (118, 26142), (123, 26193), (133, 26286), (135, 26319), (137, 26355), (145, 26436), (147, 26451), (152, 26496), (158, 26544), (159, 26556), (168, 26634), (172, 26709), (179, 26751), (211, 26946),

Gene: Cueylyss_32 Start: 26070, Stop: 27554, Start Num: 24
Candidate Starts for Cueylyss_32:
(Start: 24 @26070 has 237 MA's), (Start: 33 @26151 has 1 MA's), (40, 26217), (Start: 53 @26283 has 1 MA's), (58, 26310), (82, 26499), (91, 26544), (104, 26649), (130, 26844), (133, 26871), (135, 26904), (152, 27081), (156, 27123), (159, 27141), (165, 27177), (168, 27219), (178, 27333), (179, 27336), (185, 27369), (196, 27423), (199, 27450), (210, 27525),

Gene: DD5_33 Start: 26663, Stop: 28141, Start Num: 24
Candidate Starts for DD5_33:
(5, 26447), (9, 26498), (Start: 24 @26663 has 237 MA's), (Start: 28 @26690 has 1 MA's), (31, 26726), (Start: 33 @26744 has 1 MA's), (40, 26810), (Start: 53 @26876 has 1 MA's), (58, 26903), (64, 26930), (82, 27092), (104, 27242), (116, 27323), (117, 27326), (130, 27437), (133, 27464), (135, 27497), (158, 27722), (159, 27734), (165, 27770), (168, 27812), (178, 27926), (211, 28124),

Gene: DTDevon_176 Start: 96971, Stop: 98047, Start Num: 54
Candidate Starts for DTDevon_176:
(Start: 54 @96971 has 192 MA's), (63, 97013), (64, 97016), (65, 97028), (70, 97052), (71, 97055), (78, 97112), (79, 97130), (84, 97184), (97, 97274), (101, 97295), (102, 97298), (113, 97394), (120, 97445), (130, 97526), (133, 97553), (150, 97685), (152, 97697), (153, 97706), (155, 97727), (166, 97790), (169, 97832), (174, 97901), (176, 97925), (179, 97937), (181, 97946), (184, 97967), (189, 97985),

(190, 97991), (194, 98018),

Gene: Daffodil_177 Start: 95198, Stop: 96274, Start Num: 54
Candidate Starts for Daffodil_177:
(Start: 54 @95198 has 192 MA's), (63, 95240), (64, 95243), (65, 95255), (70, 95279), (71, 95282), (78, 95339), (79, 95357), (84, 95411), (97, 95501), (101, 95522), (102, 95525), (113, 95621), (120, 95672), (130, 95753), (133, 95780), (150, 95912), (152, 95924), (153, 95933), (155, 95954), (166, 96017), (169, 96059), (174, 96128), (176, 96152), (179, 96164), (181, 96173), (184, 96194), (189, 96212), (190, 96218), (194, 96245),

Gene: Dallas_41 Start: 31672, Stop: 33177, Start Num: 24
Candidate Starts for Dallas_41:
(4, 31447), (20, 31615), (22, 31669), (Start: 24 @31672 has 237 MA's), (30, 31720), (44, 31843), (71, 31993), (72, 31996), (82, 32107), (98, 32215), (103, 32245), (118, 32347), (130, 32464), (135, 32524), (136, 32539), (152, 32701), (154, 32713), (159, 32761), (165, 32797), (168, 32839), (173, 32917), (179, 32956), (180, 32959), (185, 32989), (192, 33019), (196, 33043),

Gene: Damien_30 Start: 28525, Stop: 29733, Start Num: 35
Candidate Starts for Damien_30:
(Start: 35 @28525 has 12 MA's), (38, 28552), (41, 28591), (62, 28693), (65, 28717), (84, 28870), (89, 28882), (90, 28900), (98, 28966), (99, 28975), (100, 28978), (102, 28984), (106, 29023), (107, 29026), (118, 29107), (124, 29164), (133, 29242), (139, 29272), (148, 29317), (150, 29338), (151, 29341), (153, 29359), (154, 29362), (170, 29503), (176, 29590), (177, 29596), (186, 29650), (194, 29692),

Gene: Dandelion_180 Start: 99293, Stop: 100369, Start Num: 54
Candidate Starts for Dandelion_180:
(Start: 54 @99293 has 192 MA's), (63, 99335), (64, 99338), (65, 99350), (70, 99374), (71, 99377), (78, 99434), (79, 99452), (84, 99506), (97, 99596), (101, 99617), (102, 99620), (113, 99716), (120, 99767), (130, 99848), (133, 99875), (150, 100007), (152, 100019), (153, 100028), (155, 100049), (166, 100112), (169, 100154), (174, 100223), (176, 100247), (179, 100259), (181, 100268), (184, 100289), (189, 100307), (190, 100313), (194, 100340),

Gene: Darko_173 Start: 95171, Stop: 96247, Start Num: 54
Candidate Starts for Darko_173:
(Start: 54 @95171 has 192 MA's), (63, 95213), (64, 95216), (65, 95228), (70, 95252), (71, 95255), (78, 95312), (79, 95330), (84, 95384), (97, 95474), (101, 95495), (102, 95498), (113, 95594), (120, 95645), (130, 95726), (133, 95753), (150, 95885), (152, 95897), (153, 95906), (155, 95927), (166, 95990), (169, 96032), (174, 96101), (176, 96125), (179, 96137), (181, 96146), (184, 96167), (189, 96185), (190, 96191), (194, 96218),

Gene: DeejaClivia_161 Start: 93222, Stop: 94298, Start Num: 54
Candidate Starts for DeejaClivia_161:
(Start: 54 @93222 has 192 MA's), (63, 93264), (64, 93267), (65, 93279), (70, 93303), (71, 93306), (78, 93363), (79, 93381), (84, 93435), (97, 93525), (101, 93546), (102, 93549), (113, 93645), (120, 93696), (130, 93777), (133, 93804), (150, 93936), (152, 93948), (153, 93957), (155, 93978), (166, 94041), (169, 94083), (174, 94152), (176, 94176), (179, 94188), (181, 94197), (184, 94218), (189, 94236), (190, 94242), (194, 94269),

Gene: Delilah_171 Start: 95316, Stop: 96392, Start Num: 54
Candidate Starts for Delilah_171:
(Start: 54 @95316 has 192 MA's), (63, 95358), (64, 95361), (65, 95373), (70, 95397), (71, 95400), (78, 95457), (79, 95475), (84, 95529), (97, 95619), (101, 95640), (102, 95643), (113, 95739), (120, 95790), (130, 95871), (133, 95898), (150, 96030), (152, 96042), (153, 96051), (155, 96072), (166, 96135),

(169, 96177), (174, 96246), (176, 96270), (179, 96282), (181, 96291), (184, 96312), (189, 96330), (190, 96336), (194, 96363),

Gene: Delylah_174 Start: 95296, Stop: 96372, Start Num: 54
Candidate Starts for Delylah_174:
(Start: 54 @95296 has 192 MA's), (63, 95338), (64, 95341), (65, 95353), (70, 95377), (71, 95380), (78, 95437), (79, 95455), (84, 95509), (97, 95599), (101, 95620), (102, 95623), (113, 95719), (120, 95770), (130, 95851), (133, 95878), (150, 96010), (152, 96022), (153, 96031), (155, 96052), (166, 96115), (169, 96157), (174, 96226), (176, 96250), (179, 96262), (181, 96271), (184, 96292), (189, 96310), (190, 96316), (194, 96343),

Gene: Demodog_180 Start: 97495, Stop: 98571, Start Num: 54
Candidate Starts for Demodog_180:
(Start: 54 @97495 has 192 MA's), (63, 97537), (64, 97540), (65, 97552), (70, 97576), (71, 97579), (78, 97636), (79, 97654), (84, 97708), (97, 97798), (101, 97819), (102, 97822), (113, 97918), (120, 97969), (130, 98050), (133, 98077), (150, 98209), (152, 98221), (153, 98230), (155, 98251), (166, 98314), (169, 98356), (174, 98425), (176, 98449), (179, 98461), (181, 98470), (184, 98491), (189, 98509), (190, 98515), (194, 98542),

Gene: Derek_172 Start: 95499, Stop: 96575, Start Num: 54
Candidate Starts for Derek_172:
(Start: 54 @95499 has 192 MA's), (63, 95541), (64, 95544), (65, 95556), (70, 95580), (71, 95583), (78, 95640), (79, 95658), (84, 95712), (97, 95802), (101, 95823), (102, 95826), (113, 95922), (120, 95973), (130, 96054), (133, 96081), (150, 96213), (152, 96225), (153, 96234), (155, 96255), (166, 96318), (169, 96360), (174, 96429), (176, 96453), (179, 96465), (181, 96474), (184, 96495), (189, 96513), (190, 96519), (194, 96546),

Gene: Dessert_174 Start: 94013, Stop: 95089, Start Num: 54
Candidate Starts for Dessert_174:
(Start: 54 @94013 has 192 MA's), (63, 94055), (64, 94058), (65, 94070), (70, 94094), (71, 94097), (78, 94154), (79, 94172), (84, 94226), (97, 94316), (101, 94337), (102, 94340), (113, 94436), (120, 94487), (130, 94568), (133, 94595), (150, 94727), (152, 94739), (153, 94748), (155, 94769), (166, 94832), (169, 94874), (174, 94943), (176, 94967), (179, 94979), (181, 94988), (184, 95009), (189, 95027), (190, 95033), (194, 95060),

Gene: Dexes_33 Start: 26625, Stop: 28106, Start Num: 24
Candidate Starts for Dexes_33:
(Start: 24 @26625 has 237 MA's), (Start: 28 @26652 has 1 MA's), (31, 26688), (Start: 33 @26706 has 1 MA's), (40, 26772), (45, 26802), (65, 26904), (82, 27054), (91, 27099), (104, 27204), (116, 27285), (117, 27288), (130, 27399), (133, 27426), (135, 27459), (156, 27678), (159, 27696), (165, 27732), (168, 27774), (179, 27891), (180, 27894), (196, 27978), (197, 27987),

Gene: Dietrick_164 Start: 93921, Stop: 94997, Start Num: 54
Candidate Starts for Dietrick_164:
(Start: 54 @93921 has 192 MA's), (63, 93963), (64, 93966), (65, 93978), (70, 94002), (71, 94005), (78, 94062), (79, 94080), (84, 94134), (97, 94224), (101, 94245), (102, 94248), (113, 94344), (120, 94395), (130, 94476), (133, 94503), (150, 94635), (152, 94647), (153, 94656), (155, 94677), (166, 94740), (169, 94782), (174, 94851), (176, 94875), (179, 94887), (181, 94896), (184, 94917), (189, 94935), (190, 94941), (194, 94968),

Gene: DirtDevil_34 Start: 27268, Stop: 28752, Start Num: 24
Candidate Starts for DirtDevil_34:

(Start: 24 @27268 has 237 MA's), (Start: 28 @27295 has 1 MA's), (31, 27331), (Start: 33 @27349 has 1 MA's), (40, 27415), (58, 27508), (82, 27697), (104, 27847), (116, 27928), (117, 27931), (130, 28042), (133, 28069), (135, 28102), (152, 28279), (156, 28321), (159, 28339), (165, 28375), (168, 28417), (178, 28531), (179, 28534), (185, 28567), (196, 28621), (199, 28648), (210, 28723),

Gene: DirtMonster_166 Start: 95092, Stop: 96168, Start Num: 54
Candidate Starts for DirtMonster_166:
(Start: 54 @95092 has 192 MA's), (63, 95134), (64, 95137), (65, 95149), (70, 95173), (71, 95176), (78, 95233), (79, 95251), (84, 95305), (97, 95395), (101, 95416), (102, 95419), (113, 95515), (120, 95566), (130, 95647), (133, 95674), (150, 95806), (152, 95818), (153, 95827), (155, 95848), (166, 95911), (169, 95953), (174, 96022), (176, 96046), (179, 96058), (181, 96067), (184, 96088), (189, 96106), (190, 96112), (194, 96139),

Gene: Domi_168 Start: 95089, Stop: 96165, Start Num: 54
Candidate Starts for Domi_168:
(Start: 54 @95089 has 192 MA's), (63, 95131), (64, 95134), (65, 95146), (70, 95170), (71, 95173), (78, 95230), (79, 95248), (84, 95302), (97, 95392), (101, 95413), (102, 95416), (113, 95512), (120, 95563), (130, 95644), (133, 95671), (150, 95803), (152, 95815), (153, 95824), (155, 95845), (166, 95908), (169, 95950), (174, 96019), (176, 96043), (179, 96055), (181, 96064), (184, 96085), (189, 96103), (190, 96109), (194, 96136),

Gene: Doom_33 Start: 26760, Stop: 28211, Start Num: 28
Candidate Starts for Doom_33:
(9, 26568), (Start: 24 @26733 has 237 MA's), (Start: 28 @26760 has 1 MA's), (31, 26796), (Start: 33 @26814 has 1 MA's), (40, 26880), (58, 26973), (82, 27162), (91, 27207), (104, 27312), (130, 27507), (133, 27534), (135, 27567), (158, 27792), (159, 27804), (168, 27882), (178, 27996), (211, 28194),

Gene: Dove_37 Start: 31170, Stop: 32672, Start Num: 24
Candidate Starts for Dove_37:
(7, 30981), (8, 30999), (10, 31017), (11, 31020), (18, 31101), (19, 31110), (Start: 24 @31170 has 237 MA's), (26, 31182), (30, 31218), (31, 31233), (32, 31236), (59, 31419), (64, 31443), (65, 31455), (67, 31473), (79, 31557), (82, 31599), (94, 31668), (113, 31812), (118, 31839), (121, 31884), (123, 31890), (125, 31899), (129, 31956), (133, 31986), (140, 32079), (152, 32196), (157, 32241), (159, 32256), (160, 32262), (165, 32292), (168, 32334), (176, 32439), (185, 32484), (187, 32490), (196, 32538), (200, 32568), (205, 32598), (208, 32607),

Gene: DrFeelGood_31 Start: 26336, Stop: 27826, Start Num: 24
Candidate Starts for DrFeelGood_31:
(8, 26162), (9, 26171), (13, 26219), (Start: 24 @26336 has 237 MA's), (Start: 28 @26363 has 1 MA's), (31, 26399), (Start: 33 @26417 has 1 MA's), (40, 26483), (58, 26576), (59, 26579), (64, 26603), (65, 26615), (71, 26651), (82, 26765), (98, 26873), (118, 27005), (123, 27056), (133, 27149), (135, 27182), (137, 27218), (145, 27299), (147, 27314), (152, 27359), (158, 27407), (159, 27419), (168, 27497), (172, 27572), (179, 27614), (211, 27809),

Gene: DrPhinkDaddy_170 Start: 95977, Stop: 97053, Start Num: 54
Candidate Starts for DrPhinkDaddy_170:
(Start: 54 @95977 has 192 MA's), (63, 96019), (64, 96022), (65, 96034), (70, 96058), (71, 96061), (78, 96118), (79, 96136), (84, 96190), (97, 96280), (101, 96301), (102, 96304), (113, 96400), (120, 96451), (130, 96532), (133, 96559), (150, 96691), (152, 96703), (153, 96712), (155, 96733), (166, 96796), (169, 96838), (174, 96907), (176, 96931), (179, 96943), (181, 96952), (184, 96973), (189, 96991), (190, 96997), (194, 97024),

Gene: Drazdys_174 Start: 95514, Stop: 96590, Start Num: 54

Candidate Starts for Drazdys_174:
(Start: 54 @95514 has 192 MA's), (63, 95556), (64, 95559), (65, 95571), (70, 95595), (71, 95598), (78, 95655), (79, 95673), (84, 95727), (97, 95817), (101, 95838), (102, 95841), (113, 95937), (120, 95988), (130, 96069), (133, 96096), (150, 96228), (152, 96240), (153, 96249), (155, 96270), (166, 96333), (169, 96375), (174, 96444), (176, 96468), (179, 96480), (181, 96489), (184, 96510), (189, 96528), (190, 96534), (194, 96561),

Gene: DreamCatcher_35 Start: 27303, Stop: 28781, Start Num: 24
Candidate Starts for DreamCatcher_35:
(9, 27138), (Start: 24 @27303 has 237 MA's), (Start: 28 @27330 has 1 MA's), (Start: 33 @27384 has 1 MA's), (40, 27450), (Start: 53 @27516 has 1 MA's), (58, 27543), (82, 27732), (104, 27882), (116, 27963), (117, 27966), (130, 28077), (133, 28104), (135, 28137), (158, 28362), (159, 28374), (168, 28452), (172, 28527), (179, 28569), (211, 28764),

Gene: Dreamboat_33 Start: 25902, Stop: 27386, Start Num: 24
Candidate Starts for Dreamboat_33:
(9, 25737), (Start: 24 @25902 has 237 MA's), (Start: 28 @25929 has 1 MA's), (Start: 33 @25983 has 1 MA's), (40, 26049), (58, 26142), (82, 26331), (104, 26481), (116, 26562), (117, 26565), (130, 26676), (133, 26703), (135, 26736), (152, 26913), (156, 26955), (159, 26973), (165, 27009), (168, 27051), (178, 27165), (179, 27168), (185, 27201), (196, 27255), (199, 27282), (210, 27357),

Gene: DroogsArmy_5 Start: 2345, Stop: 3565, Start Num: 36
Candidate Starts for DroogsArmy_5:
(Start: 36 @2345 has 3 MA's), (51, 2435), (55, 2459), (66, 2507), (70, 2531), (73, 2540), (83, 2648), (93, 2705), (102, 2768), (107, 2810), (109, 2822), (114, 2867), (117, 2885), (122, 2936), (125, 2948), (133, 3014), (142, 3101), (151, 3194), (158, 3251), (176, 3446), (194, 3533),

Gene: Duckfeet_168 Start: 94708, Stop: 95784, Start Num: 54
Candidate Starts for Duckfeet_168:
(Start: 54 @94708 has 192 MA's), (63, 94750), (64, 94753), (65, 94765), (70, 94789), (71, 94792), (78, 94849), (79, 94867), (84, 94921), (97, 95011), (101, 95032), (102, 95035), (113, 95131), (120, 95182), (130, 95263), (133, 95290), (150, 95422), (152, 95434), (153, 95443), (155, 95464), (166, 95527), (169, 95569), (174, 95638), (176, 95662), (179, 95674), (181, 95683), (184, 95704), (189, 95722), (190, 95728), (194, 95755),

Gene: Dulcie_31 Start: 25599, Stop: 27077, Start Num: 24
Candidate Starts for Dulcie_31:
(9, 25434), (Start: 24 @25599 has 237 MA's), (Start: 28 @25626 has 1 MA's), (31, 25662), (Start: 33 @25680 has 1 MA's), (40, 25746), (Start: 53 @25812 has 1 MA's), (58, 25839), (82, 26028), (104, 26178), (116, 26259), (117, 26262), (130, 26373), (133, 26400), (135, 26433), (158, 26658), (159, 26670), (168, 26748), (178, 26862), (211, 27060),

Gene: Dussy_33 Start: 26164, Stop: 27648, Start Num: 24
Candidate Starts for Dussy_33:
(5, 25948), (9, 25999), (13, 26047), (21, 26110), (Start: 24 @26164 has 237 MA's), (Start: 28 @26191 has 1 MA's), (Start: 33 @26245 has 1 MA's), (40, 26311), (Start: 53 @26377 has 1 MA's), (58, 26404), (82, 26593), (91, 26638), (104, 26743), (116, 26824), (117, 26827), (130, 26938), (133, 26965), (135, 26998), (152, 27175), (156, 27217), (159, 27235), (165, 27271), (168, 27313), (178, 27427), (179, 27430), (185, 27463), (196, 27517), (199, 27544), (210, 27619),

Gene: Dylan_59 Start: 38693, Stop: 40183, Start Num: 23
Candidate Starts for Dylan_59:

(Start: 23 @38693 has 34 MA's), (29, 38735), (43, 38864), (52, 38903), (64, 38960), (82, 39116), (86, 39134), (95, 39191), (96, 39200), (101, 39239), (102, 39242), (106, 39284), (113, 39329), (118, 39356), (136, 39548), (147, 39665), (154, 39722), (159, 39770), (168, 39848), (172, 39923), (178, 39962), (185, 39992), (195, 40040), (204, 40109),

Gene: Dynamix_33 Start: 25981, Stop: 27459, Start Num: 24
Candidate Starts for Dynamix_33:
(Start: 24 @25981 has 237 MA's), (Start: 28 @26008 has 1 MA's), (31, 26044), (Start: 33 @26062 has 1 MA's), (40, 26128), (Start: 53 @26194 has 1 MA's), (58, 26221), (82, 26410), (104, 26560), (117, 26644), (130, 26755), (133, 26782), (135, 26815), (158, 27040), (159, 27052), (168, 27130), (178, 27244), (211, 27442),

Gene: ET08_160 Start: 94293, Stop: 95369, Start Num: 54
Candidate Starts for ET08_160:
(Start: 54 @94293 has 192 MA's), (63, 94335), (64, 94338), (65, 94350), (70, 94374), (71, 94377), (78, 94434), (79, 94452), (84, 94506), (97, 94596), (101, 94617), (102, 94620), (113, 94716), (120, 94767), (130, 94848), (133, 94875), (150, 95007), (152, 95019), (153, 95028), (155, 95049), (166, 95112), (169, 95154), (174, 95223), (176, 95247), (179, 95259), (181, 95268), (184, 95289), (189, 95307), (190, 95313), (194, 95340),

Gene: EasyJones_177 Start: 95433, Stop: 96509, Start Num: 54
Candidate Starts for EasyJones_177:
(Start: 54 @95433 has 192 MA's), (63, 95475), (64, 95478), (65, 95490), (70, 95514), (71, 95517), (78, 95574), (79, 95592), (84, 95646), (97, 95736), (101, 95757), (102, 95760), (113, 95856), (120, 95907), (130, 95988), (133, 96015), (150, 96147), (152, 96159), (153, 96168), (155, 96189), (166, 96252), (169, 96294), (174, 96363), (176, 96387), (179, 96399), (181, 96408), (184, 96429), (189, 96447), (190, 96453), (194, 96480),

Gene: Edtherson_33 Start: 26681, Stop: 28159, Start Num: 24
Candidate Starts for Edtherson_33:
(9, 26516), (13, 26564), (Start: 24 @26681 has 237 MA's), (Start: 28 @26708 has 1 MA's), (Start: 33 @26762 has 1 MA's), (40, 26828), (45, 26858), (Start: 53 @26894 has 1 MA's), (56, 26912), (58, 26921), (82, 27110), (91, 27155), (104, 27260), (116, 27341), (117, 27344), (130, 27455), (133, 27482), (135, 27515), (158, 27740), (159, 27752), (168, 27830), (178, 27944), (211, 28142),

Gene: EggyFarm_183 Start: 98043, Stop: 99119, Start Num: 54
Candidate Starts for EggyFarm_183:
(Start: 54 @98043 has 192 MA's), (63, 98085), (64, 98088), (65, 98100), (70, 98124), (71, 98127), (78, 98184), (79, 98202), (84, 98256), (97, 98346), (101, 98367), (102, 98370), (113, 98466), (120, 98517), (130, 98598), (133, 98625), (150, 98757), (152, 98769), (153, 98778), (155, 98799), (166, 98862), (169, 98904), (174, 98973), (176, 98997), (179, 99009), (181, 99018), (184, 99039), (189, 99057), (190, 99063), (194, 99090),

Gene: Ejimix_40 Start: 32900, Stop: 34402, Start Num: 24
Candidate Starts for Ejimix_40:
(7, 32711), (8, 32729), (10, 32747), (11, 32750), (18, 32831), (19, 32840), (Start: 24 @32900 has 237 MA's), (26, 32912), (30, 32948), (31, 32963), (32, 32966), (59, 33149), (64, 33173), (65, 33185), (67, 33203), (79, 33287), (82, 33329), (94, 33398), (113, 33542), (118, 33569), (121, 33614), (123, 33620), (125, 33629), (129, 33686), (133, 33716), (140, 33809), (152, 33926), (157, 33971), (159, 33986), (160, 33992), (165, 34022), (168, 34064), (176, 34169), (185, 34214), (187, 34220), (196, 34268), (200, 34298), (205, 34328), (208, 34337),

Gene: EmToTheThree_175 Start: 96393, Stop: 97469, Start Num: 54

Candidate Starts for EmToTheThree_175:
(Start: 54 @96393 has 192 MA's), (63, 96435), (64, 96438), (65, 96450), (70, 96474), (71, 96477), (78, 96534), (79, 96552), (84, 96606), (97, 96696), (101, 96717), (102, 96720), (113, 96816), (120, 96867), (130, 96948), (133, 96975), (150, 97107), (152, 97119), (153, 97128), (155, 97149), (166, 97212), (169, 97254), (174, 97323), (176, 97347), (179, 97359), (181, 97368), (184, 97389), (189, 97407), (190, 97413), (194, 97440),

Gene: EmmaElysia_175 Start: 95444, Stop: 96520, Start Num: 54
Candidate Starts for EmmaElysia_175:
(Start: 54 @95444 has 192 MA's), (63, 95486), (64, 95489), (65, 95501), (70, 95525), (71, 95528), (78, 95585), (79, 95603), (84, 95657), (97, 95747), (101, 95768), (102, 95771), (113, 95867), (120, 95918), (130, 95999), (133, 96026), (150, 96158), (152, 96170), (153, 96179), (155, 96200), (166, 96263), (169, 96305), (174, 96374), (176, 96398), (179, 96410), (181, 96419), (184, 96440), (189, 96458), (190, 96464), (194, 96491),

Gene: EnzoK_33 Start: 26153, Stop: 27631, Start Num: 24
Candidate Starts for EnzoK_33:
(Start: 24 @26153 has 237 MA's), (Start: 28 @26180 has 1 MA's), (31, 26216), (Start: 33 @26234 has 1 MA's), (40, 26300), (Start: 53 @26366 has 1 MA's), (58, 26393), (82, 26582), (104, 26732), (116, 26813), (117, 26816), (130, 26927), (133, 26954), (135, 26987), (152, 27164), (158, 27212), (159, 27224), (168, 27302), (178, 27416), (211, 27614),

Gene: Erdmann_174 Start: 95867, Stop: 96943, Start Num: 54
Candidate Starts for Erdmann_174:
(Start: 54 @95867 has 192 MA's), (63, 95909), (64, 95912), (65, 95924), (70, 95948), (71, 95951), (78, 96008), (79, 96026), (84, 96080), (97, 96170), (101, 96191), (102, 96194), (113, 96290), (120, 96341), (130, 96422), (133, 96449), (150, 96581), (152, 96593), (153, 96602), (155, 96623), (166, 96686), (169, 96728), (174, 96797), (176, 96821), (179, 96833), (181, 96842), (184, 96863), (189, 96881), (190, 96887), (194, 96914),

Gene: EricMillard_40 Start: 32433, Stop: 33938, Start Num: 24
Candidate Starts for EricMillard_40:
(4, 32208), (20, 32376), (22, 32430), (Start: 24 @32433 has 237 MA's), (30, 32481), (44, 32604), (71, 32754), (72, 32757), (82, 32868), (98, 32976), (103, 33006), (118, 33108), (130, 33225), (135, 33285), (136, 33300), (152, 33462), (154, 33474), (159, 33522), (165, 33558), (168, 33600), (173, 33678), (179, 33717), (180, 33720), (185, 33750), (192, 33780), (196, 33804),

Gene: ErnieJ_168 Start: 94173, Stop: 95249, Start Num: 54
Candidate Starts for ErnieJ_168:
(Start: 54 @94173 has 192 MA's), (63, 94215), (64, 94218), (65, 94230), (70, 94254), (71, 94257), (78, 94314), (79, 94332), (84, 94386), (97, 94476), (101, 94497), (102, 94500), (113, 94596), (120, 94647), (130, 94728), (133, 94755), (150, 94887), (152, 94899), (153, 94908), (155, 94929), (166, 94992), (169, 95034), (174, 95103), (176, 95127), (179, 95139), (181, 95148), (184, 95169), (189, 95187), (190, 95193), (194, 95220),

Gene: Espresso_32 Start: 26045, Stop: 27523, Start Num: 24
Candidate Starts for Espresso_32:
(9, 25880), (13, 25928), (Start: 24 @26045 has 237 MA's), (Start: 28 @26072 has 1 MA's), (Start: 33 @26126 has 1 MA's), (40, 26192), (Start: 53 @26258 has 1 MA's), (58, 26285), (82, 26474), (91, 26519), (104, 26624), (116, 26705), (117, 26708), (130, 26819), (133, 26846), (135, 26879), (158, 27104), (159, 27116), (168, 27194), (178, 27308), (211, 27506),

Gene: Essence_171 Start: 94725, Stop: 95801, Start Num: 54

Candidate Starts for Essence_171:
(Start: 54 @94725 has 192 MA's), (63, 94767), (64, 94770), (65, 94782), (70, 94806), (71, 94809), (78, 94866), (79, 94884), (84, 94938), (97, 95028), (101, 95049), (102, 95052), (113, 95148), (120, 95199), (130, 95280), (133, 95307), (150, 95439), (152, 95451), (153, 95460), (155, 95481), (166, 95544), (169, 95586), (174, 95655), (176, 95679), (179, 95691), (181, 95700), (184, 95721), (189, 95739), (190, 95745), (194, 95772),

Gene: Euphoria_32 Start: 25935, Stop: 27419, Start Num: 24
Candidate Starts for Euphoria_32:
(2, 25698), (Start: 24 @25935 has 237 MA's), (Start: 28 @25962 has 1 MA's), (Start: 33 @26016 has 1 MA's), (40, 26082), (58, 26175), (59, 26178), (82, 26364), (104, 26514), (116, 26595), (117, 26598), (130, 26709), (133, 26736), (135, 26769), (152, 26946), (156, 26988), (159, 27006), (165, 27042), (168, 27084), (178, 27198), (179, 27201), (185, 27234), (196, 27288), (199, 27315), (210, 27390),

Gene: Ewok_173 Start: 95787, Stop: 96863, Start Num: 54
Candidate Starts for Ewok_173:
(Start: 54 @95787 has 192 MA's), (63, 95829), (64, 95832), (65, 95844), (70, 95868), (71, 95871), (78, 95928), (79, 95946), (84, 96000), (97, 96090), (101, 96111), (102, 96114), (113, 96210), (120, 96261), (130, 96342), (133, 96369), (150, 96501), (152, 96513), (153, 96522), (155, 96543), (166, 96606), (169, 96648), (174, 96717), (176, 96741), (179, 96753), (181, 96762), (184, 96783), (189, 96801), (190, 96807), (194, 96834),

Gene: Eyeball_32 Start: 25740, Stop: 27224, Start Num: 24
Candidate Starts for Eyeball_32:
(9, 25575), (Start: 24 @25740 has 237 MA's), (Start: 28 @25767 has 1 MA's), (31, 25803), (Start: 33 @25821 has 1 MA's), (40, 25887), (Start: 53 @25953 has 1 MA's), (58, 25980), (82, 26169), (104, 26319), (130, 26514), (133, 26541), (135, 26574), (152, 26751), (156, 26793), (159, 26811), (165, 26847), (168, 26889), (178, 27003), (179, 27006), (185, 27039), (196, 27093), (199, 27120), (210, 27195),

Gene: Fajezeel_34 Start: 26250, Stop: 27728, Start Num: 24
Candidate Starts for Fajezeel_34:
(8, 26076), (9, 26085), (Start: 24 @26250 has 237 MA's), (Start: 28 @26277 has 1 MA's), (Start: 33 @26331 has 1 MA's), (40, 26397), (Start: 53 @26463 has 1 MA's), (58, 26490), (82, 26679), (104, 26829), (116, 26910), (117, 26913), (130, 27024), (133, 27051), (135, 27084), (158, 27309), (159, 27321), (168, 27399), (178, 27513), (211, 27711),

Gene: Familton_60 Start: 38605, Stop: 40095, Start Num: 23
Candidate Starts for Familton_60:
(Start: 23 @38605 has 34 MA's), (29, 38647), (43, 38776), (52, 38815), (64, 38872), (80, 38992), (82, 39028), (86, 39046), (95, 39103), (96, 39112), (100, 39148), (101, 39151), (102, 39154), (106, 39196), (113, 39241), (118, 39268), (136, 39460), (147, 39577), (154, 39634), (159, 39682), (168, 39760), (172, 39835), (178, 39874), (185, 39904), (195, 39952), (204, 40021),

Gene: Fenn_33 Start: 27568, Stop: 29046, Start Num: 24
Candidate Starts for Fenn_33:
(8, 27394), (9, 27403), (13, 27451), (Start: 24 @27568 has 237 MA's), (Start: 28 @27595 has 1 MA's), (Start: 33 @27649 has 1 MA's), (40, 27715), (Start: 53 @27781 has 1 MA's), (58, 27808), (59, 27811), (82, 27997), (104, 28147), (116, 28228), (117, 28231), (130, 28342), (133, 28369), (135, 28402), (158, 28627), (159, 28639), (168, 28717), (178, 28831), (211, 29029),

Gene: Firecracker_60 Start: 38795, Stop: 40285, Start Num: 23
Candidate Starts for Firecracker_60:

(Start: 23 @38795 has 34 MA's), (29, 38837), (43, 38966), (52, 39005), (64, 39062), (82, 39218), (86, 39236), (95, 39293), (96, 39302), (101, 39341), (102, 39344), (106, 39386), (113, 39431), (118, 39458), (136, 39650), (147, 39767), (154, 39824), (159, 39872), (168, 39950), (172, 40025), (178, 40064), (185, 40094), (195, 40142), (204, 40211),

Gene: Fixie_165 Start: 95122, Stop: 96198, Start Num: 54
Candidate Starts for Fixie_165:
(Start: 54 @95122 has 192 MA's), (63, 95164), (64, 95167), (65, 95179), (70, 95203), (71, 95206), (78, 95263), (79, 95281), (84, 95335), (97, 95425), (101, 95446), (102, 95449), (113, 95545), (120, 95596), (130, 95677), (133, 95704), (150, 95836), (152, 95848), (153, 95857), (155, 95878), (166, 95941), (169, 95983), (174, 96052), (176, 96076), (179, 96088), (181, 96097), (184, 96118), (189, 96136), (190, 96142), (194, 96169),

Gene: Flabslab_169 Start: 93755, Stop: 94831, Start Num: 54
Candidate Starts for Flabslab_169:
(Start: 54 @93755 has 192 MA's), (63, 93797), (64, 93800), (65, 93812), (70, 93836), (71, 93839), (78, 93896), (79, 93914), (84, 93968), (97, 94058), (101, 94079), (102, 94082), (113, 94178), (120, 94229), (130, 94310), (133, 94337), (150, 94469), (152, 94481), (153, 94490), (155, 94511), (166, 94574), (169, 94616), (174, 94685), (176, 94709), (179, 94721), (181, 94730), (184, 94751), (189, 94769), (190, 94775), (194, 94802),

Gene: Fludd_175 Start: 95706, Stop: 96782, Start Num: 54
Candidate Starts for Fludd_175:
(Start: 54 @95706 has 192 MA's), (63, 95748), (64, 95751), (65, 95763), (70, 95787), (71, 95790), (78, 95847), (79, 95865), (84, 95919), (97, 96009), (101, 96030), (102, 96033), (113, 96129), (120, 96180), (130, 96261), (133, 96288), (150, 96420), (152, 96432), (153, 96441), (155, 96462), (166, 96525), (169, 96567), (174, 96636), (176, 96660), (179, 96672), (181, 96681), (184, 96702), (189, 96720), (190, 96726), (194, 96753),

Gene: FlyCatcher_5 Start: 2346, Stop: 3569, Start Num: 37
Candidate Starts for FlyCatcher_5:
(Start: 37 @2346 has 1 MA's), (49, 2433), (63, 2493), (70, 2532), (71, 2535), (82, 2643), (88, 2664), (100, 2763), (102, 2769), (105, 2802), (107, 2811), (111, 2835), (113, 2862), (117, 2886), (126, 2952), (133, 3018), (146, 3159), (147, 3162), (149, 3177), (159, 3267), (172, 3417), (179, 3459), (194, 3534),

Gene: Fongie_173 Start: 95328, Stop: 96404, Start Num: 54
Candidate Starts for Fongie_173:
(Start: 54 @95328 has 192 MA's), (63, 95370), (64, 95373), (65, 95385), (70, 95409), (71, 95412), (78, 95469), (79, 95487), (84, 95541), (97, 95631), (101, 95652), (102, 95655), (113, 95751), (120, 95802), (130, 95883), (133, 95910), (150, 96042), (152, 96054), (153, 96063), (155, 96084), (166, 96147), (169, 96189), (174, 96258), (176, 96282), (179, 96294), (181, 96303), (184, 96324), (189, 96342), (190, 96348), (194, 96375),

Gene: Forsytheast_32 Start: 26174, Stop: 27658, Start Num: 24
Candidate Starts for Forsytheast_32:
(Start: 24 @26174 has 237 MA's), (Start: 28 @26201 has 1 MA's), (31, 26237), (Start: 33 @26255 has 1 MA's), (40, 26321), (Start: 53 @26387 has 1 MA's), (65, 26453), (82, 26603), (104, 26753), (116, 26834), (117, 26837), (130, 26948), (133, 26975), (135, 27008), (152, 27185), (156, 27227), (159, 27245), (165, 27281), (168, 27323), (178, 27437), (179, 27440), (185, 27473), (196, 27527), (199, 27554), (210, 27629),

Gene: FoulBall_59 Start: 38599, Stop: 40089, Start Num: 23
Candidate Starts for FoulBall_59:

(Start: 23 @38599 has 34 MA's), (29, 38641), (43, 38770), (52, 38809), (64, 38866), (80, 38986), (82, 39022), (86, 39040), (95, 39097), (96, 39106), (100, 39142), (101, 39145), (102, 39148), (106, 39190), (113, 39235), (118, 39262), (136, 39454), (147, 39571), (154, 39628), (159, 39676), (168, 39754), (172, 39829), (178, 39868), (185, 39898), (195, 39946), (204, 40015),

Gene: Fowlmouth_25 Start: 24044, Stop: 25258, Start Num: 35
Candidate Starts for Fowlmouth_25:
(Start: 35 @24044 has 12 MA's), (38, 24071), (50, 24155), (56, 24188), (57, 24191), (61, 24209), (65, 24236), (74, 24272), (76, 24293), (79, 24335), (89, 24401), (92, 24428), (100, 24497), (102, 24503), (118, 24626), (123, 24677), (124, 24683), (131, 24746), (133, 24761), (139, 24791), (150, 24857), (153, 24878), (155, 24899), (157, 24914), (163, 24944), (175, 25100), (177, 25118), (193, 25202), (194, 25214), (198, 25235),

Gene: FoxtrotP1_172 Start: 96368, Stop: 97444, Start Num: 54
Candidate Starts for FoxtrotP1_172:
(Start: 54 @96368 has 192 MA's), (63, 96410), (64, 96413), (65, 96425), (70, 96449), (71, 96452), (78, 96509), (79, 96527), (84, 96581), (97, 96671), (101, 96692), (102, 96695), (113, 96791), (120, 96842), (130, 96923), (133, 96950), (150, 97082), (152, 97094), (153, 97103), (155, 97124), (166, 97187), (169, 97229), (174, 97298), (176, 97322), (179, 97334), (181, 97343), (184, 97364), (189, 97382), (190, 97388), (194, 97415),

Gene: Francis47_32 Start: 26440, Stop: 27918, Start Num: 24
Candidate Starts for Francis47_32:
(Start: 24 @26440 has 237 MA's), (Start: 28 @26467 has 1 MA's), (Start: 33 @26521 has 1 MA's), (40, 26587), (Start: 53 @26653 has 1 MA's), (58, 26680), (82, 26869), (91, 26914), (104, 27019), (116, 27100), (117, 27103), (130, 27214), (133, 27241), (135, 27274), (152, 27451), (158, 27499), (159, 27511), (168, 27589), (178, 27703), (211, 27901),

Gene: FrayBell_177 Start: 95491, Stop: 96567, Start Num: 54
Candidate Starts for FrayBell_177:
(Start: 54 @95491 has 192 MA's), (63, 95533), (64, 95536), (65, 95548), (70, 95572), (71, 95575), (78, 95632), (79, 95650), (84, 95704), (97, 95794), (101, 95815), (102, 95818), (113, 95914), (120, 95965), (130, 96046), (133, 96073), (150, 96205), (152, 96217), (153, 96226), (155, 96247), (166, 96310), (169, 96352), (174, 96421), (176, 96445), (179, 96457), (181, 96466), (184, 96487), (189, 96505), (190, 96511), (194, 96538),

Gene: Froghopper_33 Start: 25902, Stop: 27380, Start Num: 24
Candidate Starts for Froghopper_33:
(1, 25644), (9, 25737), (Start: 24 @25902 has 237 MA's), (Start: 28 @25929 has 1 MA's), (31, 25965), (Start: 33 @25983 has 1 MA's), (40, 26049), (45, 26079), (82, 26331), (104, 26481), (116, 26562), (117, 26565), (130, 26676), (133, 26703), (135, 26736), (158, 26961), (159, 26973), (165, 27009), (168, 27051), (178, 27165), (211, 27363),

Gene: FudgeTart_170 Start: 94934, Stop: 96010, Start Num: 54
Candidate Starts for FudgeTart_170:
(Start: 54 @94934 has 192 MA's), (63, 94976), (64, 94979), (65, 94991), (70, 95015), (71, 95018), (79, 95093), (84, 95147), (97, 95237), (101, 95258), (102, 95261), (113, 95357), (120, 95408), (130, 95489), (133, 95516), (150, 95648), (152, 95660), (153, 95669), (155, 95690), (166, 95753), (169, 95795), (174, 95864), (176, 95888), (179, 95900), (181, 95909), (184, 95930), (189, 95948), (190, 95954), (194, 95981),

Gene: Fushigi_33 Start: 26359, Stop: 27837, Start Num: 24
Candidate Starts for Fushigi_33:

(9, 26194), (Start: 24 @26359 has 237 MA's), (Start: 28 @26386 has 1 MA's), (Start: 33 @26440 has 1 MA's), (40, 26506), (Start: 53 @26572 has 1 MA's), (58, 26599), (82, 26788), (104, 26938), (116, 27019), (117, 27022), (130, 27133), (133, 27160), (135, 27193), (158, 27418), (159, 27430), (168, 27508), (178, 27622), (211, 27820),

Gene: GMonster_31 Start: 25319, Stop: 26797, Start Num: 24
Candidate Starts for GMonster_31:
(Start: 24 @25319 has 237 MA's), (Start: 28 @25346 has 1 MA's), (31, 25382), (Start: 33 @25400 has 1 MA's), (40, 25466), (Start: 53 @25532 has 1 MA's), (58, 25559), (82, 25748), (91, 25793), (104, 25898), (117, 25982), (130, 26093), (133, 26120), (135, 26153), (152, 26330), (158, 26378), (159, 26390), (168, 26468), (178, 26582), (211, 26780),

Gene: Gabriel_176 Start: 94464, Stop: 95540, Start Num: 54
Candidate Starts for Gabriel_176:
(Start: 54 @94464 has 192 MA's), (63, 94506), (64, 94509), (65, 94521), (70, 94545), (71, 94548), (78, 94605), (79, 94623), (84, 94677), (97, 94767), (101, 94788), (102, 94791), (113, 94887), (120, 94938), (130, 95019), (133, 95046), (150, 95178), (152, 95190), (153, 95199), (155, 95220), (166, 95283), (169, 95325), (174, 95394), (176, 95418), (179, 95430), (181, 95439), (184, 95460), (189, 95478), (190, 95484), (194, 95511),

Gene: Gachnar_32 Start: 25961, Stop: 27439, Start Num: 24
Candidate Starts for Gachnar_32:
(Start: 24 @25961 has 237 MA's), (Start: 28 @25988 has 1 MA's), (31, 26024), (Start: 33 @26042 has 1 MA's), (40, 26108), (45, 26138), (Start: 53 @26174 has 1 MA's), (58, 26201), (82, 26390), (104, 26540), (116, 26621), (117, 26624), (130, 26735), (133, 26762), (135, 26795), (158, 27020), (159, 27032), (168, 27110), (178, 27224), (211, 27422),

Gene: GageAP_34 Start: 26673, Stop: 28151, Start Num: 24
Candidate Starts for GageAP_34:
(9, 26508), (Start: 24 @26673 has 237 MA's), (Start: 28 @26700 has 1 MA's), (31, 26736), (Start: 33 @26754 has 1 MA's), (40, 26820), (82, 27102), (91, 27147), (104, 27252), (130, 27447), (133, 27474), (135, 27507), (156, 27726), (159, 27744), (165, 27780), (168, 27822), (178, 27936),

Gene: Gamgam_175 Start: 94437, Stop: 95513, Start Num: 54
Candidate Starts for Gamgam_175:
(Start: 54 @94437 has 192 MA's), (63, 94479), (64, 94482), (65, 94494), (70, 94518), (71, 94521), (78, 94578), (79, 94596), (84, 94650), (97, 94740), (101, 94761), (102, 94764), (113, 94860), (120, 94911), (130, 94992), (133, 95019), (150, 95151), (152, 95163), (153, 95172), (155, 95193), (166, 95256), (169, 95298), (174, 95367), (176, 95391), (179, 95403), (181, 95412), (184, 95433), (189, 95451), (190, 95457), (194, 95484),

Gene: Gandalf20_33 Start: 26778, Stop: 28256, Start Num: 24
Candidate Starts for Gandalf20_33:
(Start: 24 @26778 has 237 MA's), (Start: 28 @26805 has 1 MA's), (31, 26841), (Start: 33 @26859 has 1 MA's), (40, 26925), (Start: 53 @26991 has 1 MA's), (58, 27018), (82, 27207), (104, 27357), (116, 27438), (117, 27441), (130, 27552), (133, 27579), (135, 27612), (152, 27789), (158, 27837), (159, 27849), (168, 27927), (178, 28041), (211, 28239),

Gene: Ghost_173 Start: 95150, Stop: 96226, Start Num: 54
Candidate Starts for Ghost_173:
(Start: 54 @95150 has 192 MA's), (63, 95192), (64, 95195), (65, 95207), (70, 95231), (71, 95234), (78, 95291), (79, 95309), (84, 95363), (97, 95453), (101, 95474), (102, 95477), (113, 95573), (120, 95624), (130, 95705), (133, 95732), (150, 95864), (152, 95876), (153, 95885), (155, 95906), (166, 95969),

(169, 96011), (174, 96080), (176, 96104), (179, 96116), (181, 96125), (184, 96146), (189, 96164), (190, 96170), (194, 96197),

Gene: Gizmo_177 Start: 96792, Stop: 97868, Start Num: 54
Candidate Starts for Gizmo_177:
(Start: 54 @96792 has 192 MA's), (63, 96834), (64, 96837), (65, 96849), (70, 96873), (71, 96876), (78, 96933), (79, 96951), (84, 97005), (97, 97095), (101, 97116), (102, 97119), (113, 97215), (120, 97266), (130, 97347), (133, 97374), (150, 97506), (152, 97518), (153, 97527), (155, 97548), (166, 97611), (169, 97653), (174, 97722), (176, 97746), (179, 97758), (181, 97767), (184, 97788), (189, 97806), (190, 97812), (194, 97839),

Gene: GlutenPhree_175 Start: 94447, Stop: 95523, Start Num: 54
Candidate Starts for GlutenPhree_175:
(Start: 54 @94447 has 192 MA's), (63, 94489), (64, 94492), (65, 94504), (70, 94528), (71, 94531), (78, 94588), (79, 94606), (84, 94660), (97, 94750), (101, 94771), (102, 94774), (113, 94870), (120, 94921), (130, 95002), (133, 95029), (150, 95161), (152, 95173), (153, 95182), (155, 95203), (166, 95266), (169, 95308), (174, 95377), (176, 95401), (179, 95413), (181, 95422), (184, 95443), (189, 95461), (190, 95467), (194, 95494),

Gene: GoldenSnow_175 Start: 95614, Stop: 96690, Start Num: 54
Candidate Starts for GoldenSnow_175:
(Start: 54 @95614 has 192 MA's), (63, 95656), (64, 95659), (65, 95671), (70, 95695), (71, 95698), (78, 95755), (79, 95773), (84, 95827), (97, 95917), (101, 95938), (102, 95941), (113, 96037), (120, 96088), (130, 96169), (133, 96196), (150, 96328), (152, 96340), (153, 96349), (155, 96370), (166, 96433), (169, 96475), (174, 96544), (176, 96568), (179, 96580), (181, 96589), (184, 96610), (189, 96628), (190, 96634), (194, 96661),

Gene: Gompeii16_32 Start: 26435, Stop: 27913, Start Num: 24
Candidate Starts for Gompeii16_32:
(Start: 24 @26435 has 237 MA's), (Start: 28 @26462 has 1 MA's), (Start: 33 @26516 has 1 MA's), (40, 26582), (Start: 53 @26648 has 1 MA's), (56, 26666), (82, 26864), (91, 26909), (104, 27014), (116, 27095), (117, 27098), (130, 27209), (133, 27236), (135, 27269), (158, 27494), (159, 27506), (168, 27584), (178, 27698), (211, 27896),

Gene: Graduation_34 Start: 26657, Stop: 28141, Start Num: 24
Candidate Starts for Graduation_34:
(Start: 24 @26657 has 237 MA's), (Start: 33 @26738 has 1 MA's), (40, 26804), (Start: 53 @26870 has 1 MA's), (58, 26897), (82, 27086), (104, 27236), (130, 27431), (133, 27458), (135, 27491), (152, 27668), (156, 27710), (159, 27728), (165, 27764), (168, 27806), (178, 27920), (179, 27923), (185, 27956), (196, 28010), (199, 28037), (210, 28112),

Gene: Grasshills_182 Start: 98043, Stop: 99119, Start Num: 54
Candidate Starts for Grasshills_182:
(Start: 54 @98043 has 192 MA's), (63, 98085), (64, 98088), (65, 98100), (70, 98124), (71, 98127), (78, 98184), (79, 98202), (84, 98256), (97, 98346), (101, 98367), (102, 98370), (113, 98466), (120, 98517), (130, 98598), (133, 98625), (150, 98757), (152, 98769), (153, 98778), (155, 98799), (166, 98862), (169, 98904), (174, 98973), (176, 98997), (179, 99009), (181, 99018), (184, 99039), (189, 99057), (190, 99063), (194, 99090),

Gene: GrecoEtereo_34 Start: 26744, Stop: 28228, Start Num: 24
Candidate Starts for GrecoEtereo_34:
(9, 26579), (13, 26627), (22, 26738), (Start: 24 @26744 has 237 MA's), (Start: 28 @26771 has 1 MA's), (Start: 33 @26825 has 1 MA's), (40, 26891), (Start: 53 @26957 has 1 MA's), (58, 26984), (82, 27173),

(104, 27323), (116, 27404), (117, 27407), (130, 27518), (133, 27545), (135, 27578), (152, 27755), (156, 27797), (159, 27815), (165, 27851), (168, 27893), (178, 28007), (179, 28010), (185, 28043), (196, 28097), (199, 28124), (210, 28199),

Gene: Greg_34 Start: 26250, Stop: 27728, Start Num: 24
Candidate Starts for Greg_34:
(8, 26076), (9, 26085), (Start: 24 @26250 has 237 MA's), (Start: 28 @26277 has 1 MA's), (Start: 33 @26331 has 1 MA's), (40, 26397), (Start: 53 @26463 has 1 MA's), (58, 26490), (82, 26679), (104, 26829), (116, 26910), (117, 26913), (130, 27024), (133, 27051), (135, 27084), (158, 27309), (159, 27321), (168, 27399), (178, 27513), (211, 27711),

Gene: GroundGoblin_34 Start: 27268, Stop: 28746, Start Num: 24
Candidate Starts for GroundGoblin_34:
(Start: 24 @27268 has 237 MA's), (Start: 28 @27295 has 1 MA's), (31, 27331), (Start: 33 @27349 has 1 MA's), (40, 27415), (Start: 53 @27481 has 1 MA's), (58, 27508), (82, 27697), (104, 27847), (116, 27928), (117, 27931), (130, 28042), (133, 28069), (135, 28102), (158, 28327), (159, 28339), (168, 28417), (178, 28531), (201, 28657), (211, 28729),

Gene: Grungle_159 Start: 92753, Stop: 93829, Start Num: 54
Candidate Starts for Grungle_159:
(Start: 54 @92753 has 192 MA's), (63, 92795), (64, 92798), (65, 92810), (70, 92834), (71, 92837), (78, 92894), (79, 92912), (84, 92966), (97, 93056), (101, 93077), (102, 93080), (113, 93176), (120, 93227), (130, 93308), (133, 93335), (150, 93467), (152, 93479), (153, 93488), (155, 93509), (166, 93572), (169, 93614), (174, 93683), (176, 93707), (179, 93719), (181, 93728), (184, 93749), (189, 93767), (190, 93773), (194, 93800),

Gene: Guwapp_171 Start: 93678, Stop: 94754, Start Num: 54
Candidate Starts for Guwapp_171:
(Start: 54 @93678 has 192 MA's), (63, 93720), (64, 93723), (65, 93735), (70, 93759), (71, 93762), (78, 93819), (79, 93837), (84, 93891), (97, 93981), (101, 94002), (102, 94005), (113, 94101), (120, 94152), (130, 94233), (133, 94260), (150, 94392), (152, 94404), (153, 94413), (155, 94434), (166, 94497), (169, 94539), (174, 94608), (176, 94632), (179, 94644), (181, 94653), (184, 94674), (189, 94692), (190, 94698), (194, 94725),

Gene: Gwendoluna_34 Start: 27892, Stop: 29370, Start Num: 24
Candidate Starts for Gwendoluna_34:
(Start: 24 @27892 has 237 MA's), (Start: 28 @27919 has 1 MA's), (Start: 33 @27973 has 1 MA's), (40, 28039), (Start: 53 @28105 has 1 MA's), (58, 28132), (82, 28321), (104, 28471), (116, 28552), (117, 28555), (130, 28666), (133, 28693), (135, 28726), (158, 28951), (159, 28963), (168, 29041), (178, 29155), (211, 29353),

Gene: Gyzlar_34 Start: 27198, Stop: 28676, Start Num: 24
Candidate Starts for Gyzlar_34:
(17, 27123), (Start: 24 @27198 has 237 MA's), (Start: 28 @27225 has 1 MA's), (Start: 33 @27279 has 1 MA's), (40, 27345), (Start: 53 @27411 has 1 MA's), (58, 27438), (82, 27627), (104, 27777), (116, 27858), (117, 27861), (130, 27972), (133, 27999), (135, 28032), (158, 28257), (159, 28269), (168, 28347), (178, 28461), (211, 28659),

Gene: HINdeR_5 Start: 2340, Stop: 3560, Start Num: 36
Candidate Starts for HINdeR_5:
(Start: 36 @2340 has 3 MA's), (55, 2454), (66, 2502), (70, 2526), (73, 2535), (79, 2595), (93, 2700), (102, 2763), (107, 2805), (114, 2862), (117, 2880), (122, 2931), (133, 3009), (142, 3096), (151, 3189), (162, 3270), (176, 3441), (194, 3528),

Gene: Halldule_167 Start: 93149, Stop: 94225, Start Num: 54
Candidate Starts for Halldule_167:
(Start: 54 @93149 has 192 MA's), (63, 93191), (64, 93194), (65, 93206), (70, 93230), (71, 93233), (78, 93290), (79, 93308), (84, 93362), (97, 93452), (101, 93473), (102, 93476), (113, 93572), (120, 93623), (130, 93704), (133, 93731), (150, 93863), (152, 93875), (153, 93884), (155, 93905), (166, 93968), (169, 94010), (174, 94079), (176, 94103), (179, 94115), (181, 94124), (184, 94145), (189, 94163), (190, 94169), (194, 94196),

Gene: Halley_40 Start: 32146, Stop: 33651, Start Num: 24
Candidate Starts for Halley_40:
(4, 31921), (20, 32089), (22, 32143), (Start: 24 @32146 has 237 MA's), (30, 32194), (44, 32317), (71, 32467), (72, 32470), (82, 32581), (98, 32689), (103, 32719), (118, 32821), (130, 32938), (135, 32998), (136, 33013), (152, 33175), (154, 33187), (159, 33235), (165, 33271), (168, 33313), (173, 33391), (179, 33430), (180, 33433), (185, 33463), (192, 33493), (196, 33517),

Gene: HanShotFirst_32 Start: 25878, Stop: 27359, Start Num: 24
Candidate Starts for HanShotFirst_32:
(Start: 24 @25878 has 237 MA's), (Start: 28 @25905 has 1 MA's), (31, 25941), (Start: 33 @25959 has 1 MA's), (40, 26025), (45, 26055), (65, 26157), (82, 26307), (91, 26352), (104, 26457), (130, 26652), (133, 26679), (135, 26712), (152, 26889), (156, 26931), (159, 26949), (165, 26985), (168, 27027), (179, 27144), (180, 27147), (196, 27231), (197, 27240),

Gene: HarryOW_33 Start: 26332, Stop: 27813, Start Num: 24
Candidate Starts for HarryOW_33:
(2, 26095), (Start: 24 @26332 has 237 MA's), (Start: 28 @26359 has 1 MA's), (Start: 33 @26413 has 1 MA's), (40, 26479), (45, 26509), (65, 26611), (82, 26761), (104, 26911), (116, 26992), (117, 26995), (130, 27106), (133, 27133), (135, 27166), (156, 27385), (159, 27403), (165, 27439), (168, 27481), (179, 27598), (180, 27601), (196, 27685), (197, 27694),

Gene: Hawkeye_33 Start: 27204, Stop: 28514, Start Num: 25
Candidate Starts for Hawkeye_33:
(Start: 25 @27204 has 1 MA's), (27, 27225), (39, 27345), (64, 27474), (65, 27486), (87, 27651), (93, 27693), (102, 27756), (108, 27807), (112, 27849), (128, 27972), (130, 27978), (132, 27993), (134, 28026), (141, 28047), (148, 28098), (158, 28179), (167, 28263), (170, 28287), (178, 28383), (182, 28422), (192, 28470), (194, 28485),

Gene: Hermia_35 Start: 27460, Stop: 28944, Start Num: 24
Candidate Starts for Hermia_35:
(Start: 24 @27460 has 237 MA's), (Start: 28 @27487 has 1 MA's), (31, 27523), (Start: 33 @27541 has 1 MA's), (40, 27607), (58, 27700), (82, 27889), (104, 28039), (116, 28120), (117, 28123), (130, 28234), (133, 28261), (135, 28294), (152, 28471), (156, 28513), (159, 28531), (165, 28567), (168, 28609), (178, 28723), (179, 28726), (185, 28759), (196, 28813), (199, 28840), (210, 28915),

Gene: HermioneGrange_32 Start: 25859, Stop: 27337, Start Num: 24
Candidate Starts for HermioneGrange_32:
(Start: 24 @25859 has 237 MA's), (Start: 28 @25886 has 1 MA's), (31, 25922), (Start: 33 @25940 has 1 MA's), (40, 26006), (Start: 53 @26072 has 1 MA's), (58, 26099), (82, 26288), (104, 26438), (116, 26519), (117, 26522), (130, 26633), (133, 26660), (135, 26693), (152, 26870), (158, 26918), (159, 26930), (168, 27008), (178, 27122), (211, 27320),

Gene: Hidrated_40 Start: 34189, Stop: 35697, Start Num: 24
Candidate Starts for Hidrated_40:

(5, 33979), (10, 34036), (16, 34096), (20, 34132), (Start: 24 @34189 has 237 MA's), (44, 34360), (71, 34510), (82, 34624), (94, 34693), (98, 34732), (113, 34837), (123, 34915), (129, 34978), (137, 35077), (152, 35218), (156, 35260), (159, 35278), (164, 35299), (168, 35356), (178, 35470), (179, 35473), (180, 35476), (187, 35512), (196, 35560),

Gene: HokkenD_35 Start: 31695, Stop: 33200, Start Num: 24
Candidate Starts for HokkenD_35:
(4, 31470), (20, 31638), (22, 31692), (Start: 24 @31695 has 237 MA's), (30, 31743), (44, 31866), (71, 32016), (72, 32019), (82, 32130), (98, 32238), (103, 32268), (118, 32370), (130, 32487), (135, 32547), (136, 32562), (152, 32724), (154, 32736), (159, 32784), (165, 32820), (168, 32862), (173, 32940), (179, 32979), (180, 32982), (185, 33012), (192, 33042), (196, 33066),

Gene: Homines_32 Start: 26231, Stop: 27709, Start Num: 24
Candidate Starts for Homines_32:
(9, 26066), (15, 26129), (Start: 24 @26231 has 237 MA's), (Start: 28 @26258 has 1 MA's), (Start: 33 @26312 has 1 MA's), (40, 26378), (Start: 53 @26444 has 1 MA's), (82, 26660), (91, 26705), (99, 26777), (104, 26810), (130, 27005), (133, 27032), (135, 27065), (158, 27290), (159, 27302), (168, 27380), (178, 27494), (211, 27692),

Gene: Hope4ever_32 Start: 26347, Stop: 27831, Start Num: 24
Candidate Starts for Hope4ever_32:
(9, 26182), (13, 26230), (Start: 24 @26347 has 237 MA's), (Start: 28 @26374 has 1 MA's), (Start: 33 @26428 has 1 MA's), (40, 26494), (Start: 53 @26560 has 1 MA's), (58, 26587), (82, 26776), (91, 26821), (104, 26926), (116, 27007), (117, 27010), (130, 27121), (133, 27148), (135, 27181), (152, 27358), (156, 27400), (159, 27418), (165, 27454), (168, 27496), (178, 27610), (179, 27613), (185, 27646), (196, 27700), (199, 27727), (210, 27802),

Gene: Hughesyang_38 Start: 32043, Stop: 33545, Start Num: 24
Candidate Starts for Hughesyang_38:
(7, 31854), (8, 31872), (10, 31890), (11, 31893), (18, 31974), (19, 31983), (Start: 24 @32043 has 237 MA's), (26, 32055), (30, 32091), (31, 32106), (32, 32109), (59, 32292), (64, 32316), (65, 32328), (67, 32346), (79, 32430), (82, 32472), (94, 32541), (113, 32685), (118, 32712), (121, 32757), (123, 32763), (125, 32772), (129, 32829), (133, 32859), (140, 32952), (152, 33069), (157, 33114), (159, 33129), (160, 33135), (165, 33165), (168, 33207), (176, 33312), (185, 33357), (187, 33363), (196, 33411), (200, 33441), (205, 33471), (208, 33480),

Gene: HyRo_163 Start: 94776, Stop: 95852, Start Num: 54
Candidate Starts for HyRo_163:
(Start: 54 @94776 has 192 MA's), (63, 94818), (64, 94821), (65, 94833), (70, 94857), (71, 94860), (78, 94917), (79, 94935), (84, 94989), (97, 95079), (101, 95100), (102, 95103), (113, 95199), (120, 95250), (130, 95331), (133, 95358), (150, 95490), (152, 95502), (153, 95511), (155, 95532), (166, 95595), (169, 95637), (174, 95706), (176, 95730), (179, 95742), (181, 95751), (184, 95772), (189, 95790), (190, 95796), (194, 95823),

Gene: I3_181 Start: 96571, Stop: 97647, Start Num: 54
Candidate Starts for I3_181:
(Start: 54 @96571 has 192 MA's), (63, 96613), (64, 96616), (65, 96628), (70, 96652), (71, 96655), (78, 96712), (79, 96730), (84, 96784), (97, 96874), (101, 96895), (102, 96898), (113, 96994), (120, 97045), (130, 97126), (133, 97153), (150, 97285), (152, 97297), (153, 97306), (155, 97327), (166, 97390), (169, 97432), (174, 97501), (176, 97525), (179, 97537), (181, 97546), (184, 97567), (189, 97585), (190, 97591), (194, 97618),

Gene: ILeeKay_34 Start: 26111, Stop: 27595, Start Num: 24

Candidate Starts for ILeeKay_34:
(Start: 24 @26111 has 237 MA's), (Start: 28 @26138 has 1 MA's), (Start: 33 @26192 has 1 MA's), (40, 26258), (Start: 53 @26324 has 1 MA's), (56, 26342), (82, 26540), (104, 26690), (116, 26771), (117, 26774), (130, 26885), (133, 26912), (135, 26945), (152, 27122), (156, 27164), (159, 27182), (165, 27218), (168, 27260), (178, 27374), (179, 27377), (185, 27410), (196, 27464), (199, 27491), (210, 27566),

Gene: Ichabod_33 Start: 26135, Stop: 27613, Start Num: 24
Candidate Starts for Ichabod_33:
(9, 25970), (Start: 24 @26135 has 237 MA's), (Start: 28 @26162 has 1 MA's), (Start: 33 @26216 has 1 MA's), (40, 26282), (Start: 53 @26348 has 1 MA's), (58, 26375), (82, 26564), (104, 26714), (116, 26795), (117, 26798), (130, 26909), (133, 26936), (135, 26969), (158, 27194), (159, 27206), (168, 27284), (178, 27398), (211, 27596),

Gene: Idergollasper_59 Start: 38599, Stop: 40089, Start Num: 23
Candidate Starts for Idergollasper_59:
(Start: 23 @38599 has 34 MA's), (29, 38641), (43, 38770), (52, 38809), (64, 38866), (80, 38986), (82, 39022), (86, 39040), (95, 39097), (96, 39106), (100, 39142), (101, 39145), (102, 39148), (106, 39190), (113, 39235), (118, 39262), (136, 39454), (147, 39571), (154, 39628), (159, 39676), (168, 39754), (172, 39829), (178, 39868), (185, 39898), (195, 39946), (204, 40015),

Gene: IgnatiusPatJac_32 Start: 26193, Stop: 27674, Start Num: 24
Candidate Starts for IgnatiusPatJac_32:
(Start: 24 @26193 has 237 MA's), (Start: 28 @26220 has 1 MA's), (31, 26256), (Start: 33 @26274 has 1 MA's), (40, 26340), (45, 26370), (65, 26472), (82, 26622), (104, 26772), (116, 26853), (117, 26856), (130, 26967), (133, 26994), (135, 27027), (156, 27246), (159, 27264), (165, 27300), (168, 27342), (179, 27459), (180, 27462), (196, 27546), (197, 27555),

Gene: IkeLoa_166 Start: 94049, Stop: 95125, Start Num: 54
Candidate Starts for IkeLoa_166:
(Start: 54 @94049 has 192 MA's), (63, 94091), (64, 94094), (65, 94106), (70, 94130), (71, 94133), (78, 94190), (79, 94208), (84, 94262), (97, 94352), (101, 94373), (102, 94376), (113, 94472), (120, 94523), (130, 94604), (133, 94631), (150, 94763), (152, 94775), (153, 94784), (155, 94805), (166, 94868), (169, 94910), (174, 94979), (176, 95003), (179, 95015), (181, 95024), (184, 95045), (189, 95063), (190, 95069), (194, 95096),

Gene: Imara_59 Start: 38399, Stop: 39889, Start Num: 23
Candidate Starts for Imara_59:
(Start: 23 @38399 has 34 MA's), (29, 38441), (43, 38570), (52, 38609), (64, 38666), (80, 38786), (82, 38822), (86, 38840), (95, 38897), (96, 38906), (100, 38942), (101, 38945), (102, 38948), (106, 38990), (113, 39035), (118, 39062), (136, 39254), (147, 39371), (154, 39428), (159, 39476), (168, 39554), (172, 39629), (178, 39668), (185, 39698), (195, 39746), (204, 39815),

Gene: InigoMontoya_177 Start: 95111, Stop: 96187, Start Num: 54
Candidate Starts for InigoMontoya_177:
(Start: 54 @95111 has 192 MA's), (63, 95153), (64, 95156), (65, 95168), (70, 95192), (71, 95195), (78, 95252), (79, 95270), (84, 95324), (97, 95414), (101, 95435), (102, 95438), (113, 95534), (120, 95585), (130, 95666), (133, 95693), (150, 95825), (152, 95837), (153, 95846), (155, 95867), (166, 95930), (169, 95972), (174, 96041), (176, 96065), (179, 96077), (181, 96086), (184, 96107), (189, 96125), (190, 96131), (194, 96158),

Gene: InterFolia_178 Start: 97194, Stop: 98270, Start Num: 54
Candidate Starts for InterFolia_178:

(Start: 54 @97194 has 192 MA's), (63, 97236), (64, 97239), (65, 97251), (70, 97275), (71, 97278), (78, 97335), (79, 97353), (84, 97407), (97, 97497), (101, 97518), (102, 97521), (113, 97617), (120, 97668), (130, 97749), (133, 97776), (150, 97908), (152, 97920), (153, 97929), (155, 97950), (166, 98013), (169, 98055), (174, 98124), (176, 98148), (179, 98160), (181, 98169), (184, 98190), (189, 98208), (190, 98214), (194, 98241),

Gene: Inyanga_31 Start: 25714, Stop: 27192, Start Num: 24
Candidate Starts for Inyanga_31:
(9, 25549), (22, 25708), (Start: 24 @25714 has 237 MA's), (Start: 28 @25741 has 1 MA's), (31, 25777), (Start: 33 @25795 has 1 MA's), (40, 25861), (45, 25891), (82, 26143), (104, 26293), (116, 26374), (117, 26377), (130, 26488), (133, 26515), (135, 26548), (158, 26773), (159, 26785), (165, 26821), (168, 26863), (178, 26977), (211, 27175),

Gene: Iota_168 Start: 94784, Stop: 95860, Start Num: 54
Candidate Starts for Iota_168:
(Start: 54 @94784 has 192 MA's), (63, 94826), (64, 94829), (65, 94841), (70, 94865), (71, 94868), (78, 94925), (79, 94943), (84, 94997), (97, 95087), (101, 95108), (102, 95111), (113, 95207), (120, 95258), (130, 95339), (133, 95366), (150, 95498), (152, 95510), (153, 95519), (155, 95540), (166, 95603), (169, 95645), (174, 95714), (176, 95738), (179, 95750), (181, 95759), (184, 95780), (189, 95798), (190, 95804), (194, 95831),

Gene: Iqorha_31 Start: 25713, Stop: 27191, Start Num: 24
Candidate Starts for Iqorha_31:
(9, 25548), (22, 25707), (Start: 24 @25713 has 237 MA's), (Start: 28 @25740 has 1 MA's), (31, 25776), (Start: 33 @25794 has 1 MA's), (40, 25860), (45, 25890), (82, 26142), (104, 26292), (116, 26373), (117, 26376), (130, 26487), (133, 26514), (135, 26547), (158, 26772), (159, 26784), (165, 26820), (168, 26862), (178, 26976), (211, 27174),

Gene: Island3_22 Start: 21613, Stop: 23103, Start Num: 24
Candidate Starts for Island3_22:
(21, 21559), (Start: 24 @21613 has 237 MA's), (29, 21655), (Start: 36 @21712 has 3 MA's), (43, 21784), (82, 22036), (85, 22051), (86, 22054), (88, 22057), (94, 22105), (101, 22159), (102, 22162), (106, 22204), (113, 22249), (122, 22324), (127, 22378), (129, 22390), (133, 22420), (143, 22531), (159, 22690), (161, 22699), (164, 22711), (168, 22768), (172, 22843), (178, 22882), (192, 22942), (198, 22978), (203, 23014), (207, 23035), (210, 23074),

Gene: Issimir_170 Start: 95058, Stop: 96134, Start Num: 54
Candidate Starts for Issimir_170:
(Start: 54 @95058 has 192 MA's), (63, 95100), (64, 95103), (65, 95115), (70, 95139), (71, 95142), (78, 95199), (79, 95217), (84, 95271), (97, 95361), (101, 95382), (102, 95385), (113, 95481), (120, 95532), (130, 95613), (133, 95640), (150, 95772), (152, 95784), (153, 95793), (155, 95814), (166, 95877), (169, 95919), (174, 95988), (176, 96012), (179, 96024), (181, 96033), (184, 96054), (189, 96072), (190, 96078), (194, 96105),

Gene: Izajani_171 Start: 95367, Stop: 96443, Start Num: 54
Candidate Starts for Izajani_171:
(Start: 54 @95367 has 192 MA's), (63, 95409), (64, 95412), (65, 95424), (70, 95448), (71, 95451), (78, 95508), (79, 95526), (84, 95580), (97, 95670), (101, 95691), (102, 95694), (113, 95790), (120, 95841), (130, 95922), (133, 95949), (150, 96081), (152, 96093), (153, 96102), (155, 96123), (166, 96186), (169, 96228), (174, 96297), (176, 96321), (179, 96333), (181, 96342), (184, 96363), (189, 96381), (190, 96387), (194, 96414),

Gene: JC27_34 Start: 26847, Stop: 28328, Start Num: 24

Candidate Starts for JC27_34:
(9, 26682), (Start: 24 @26847 has 237 MA's), (Start: 28 @26874 has 1 MA's), (Start: 33 @26928 has 1 MA's), (40, 26994), (45, 27024), (65, 27126), (82, 27276), (91, 27321), (104, 27426), (116, 27507), (117, 27510), (130, 27621), (133, 27648), (135, 27681), (152, 27858), (156, 27900), (159, 27918), (165, 27954), (168, 27996), (179, 28113), (180, 28116), (196, 28200), (197, 28209),

Gene: JPickles_170 Start: 93579, Stop: 94655, Start Num: 54
Candidate Starts for JPickles_170:
(Start: 54 @93579 has 192 MA's), (63, 93621), (64, 93624), (65, 93636), (70, 93660), (71, 93663), (78, 93720), (79, 93738), (84, 93792), (97, 93882), (101, 93903), (102, 93906), (113, 94002), (120, 94053), (130, 94134), (133, 94161), (150, 94293), (152, 94305), (153, 94314), (155, 94335), (166, 94398), (169, 94440), (174, 94509), (176, 94533), (179, 94545), (181, 94554), (184, 94575), (189, 94593), (190, 94599), (194, 94626),

Gene: JackSparrow_33 Start: 26309, Stop: 27787, Start Num: 24
Candidate Starts for JackSparrow_33:
(5, 26093), (9, 26144), (13, 26192), (Start: 24 @26309 has 237 MA's), (31, 26372), (Start: 33 @26390 has 1 MA's), (40, 26456), (45, 26486), (Start: 53 @26522 has 1 MA's), (58, 26549), (82, 26738), (91, 26783), (104, 26888), (116, 26969), (117, 26972), (130, 27083), (133, 27110), (135, 27143), (158, 27368), (159, 27380), (168, 27458), (178, 27572), (211, 27770),

Gene: JangDynasty_59 Start: 38685, Stop: 40175, Start Num: 23
Candidate Starts for JangDynasty_59:
(Start: 23 @38685 has 34 MA's), (29, 38727), (43, 38856), (52, 38895), (64, 38952), (80, 39072), (82, 39108), (86, 39126), (95, 39183), (96, 39192), (100, 39228), (101, 39231), (102, 39234), (106, 39276), (113, 39321), (118, 39348), (136, 39540), (147, 39657), (154, 39714), (159, 39762), (168, 39840), (172, 39915), (178, 39954), (185, 39984), (195, 40032), (204, 40101),

Gene: Janiyra_178 Start: 96128, Stop: 97204, Start Num: 54
Candidate Starts for Janiyra_178:
(Start: 54 @96128 has 192 MA's), (63, 96170), (64, 96173), (65, 96185), (70, 96209), (71, 96212), (78, 96269), (79, 96287), (84, 96341), (97, 96431), (101, 96452), (102, 96455), (113, 96551), (120, 96602), (130, 96683), (133, 96710), (150, 96842), (152, 96854), (153, 96863), (155, 96884), (166, 96947), (169, 96989), (174, 97058), (176, 97082), (179, 97094), (181, 97103), (184, 97124), (189, 97142), (190, 97148), (194, 97175),

Gene: Jasper_33 Start: 25788, Stop: 27272, Start Num: 24
Candidate Starts for Jasper_33:
(9, 25623), (Start: 24 @25788 has 237 MA's), (Start: 28 @25815 has 1 MA's), (Start: 33 @25869 has 1 MA's), (40, 25935), (58, 26028), (82, 26217), (104, 26367), (116, 26448), (117, 26451), (130, 26562), (133, 26589), (135, 26622), (152, 26799), (156, 26841), (159, 26859), (165, 26895), (168, 26937), (178, 27051), (179, 27054), (185, 27087), (196, 27141), (199, 27168), (210, 27243),

Gene: JayJay_176 Start: 96339, Stop: 97415, Start Num: 54
Candidate Starts for JayJay_176:
(Start: 54 @96339 has 192 MA's), (63, 96381), (64, 96384), (65, 96396), (70, 96420), (71, 96423), (78, 96480), (79, 96498), (84, 96552), (97, 96642), (101, 96663), (102, 96666), (113, 96762), (120, 96813), (130, 96894), (133, 96921), (150, 97053), (152, 97065), (153, 97074), (155, 97095), (166, 97158), (169, 97200), (174, 97269), (176, 97293), (179, 97305), (181, 97314), (184, 97335), (189, 97353), (190, 97359), (194, 97386),

Gene: Jaygup_172 Start: 94541, Stop: 95617, Start Num: 54
Candidate Starts for Jaygup_172:

(Start: 54 @94541 has 192 MA's), (63, 94583), (64, 94586), (65, 94598), (70, 94622), (71, 94625), (78, 94682), (79, 94700), (84, 94754), (97, 94844), (101, 94865), (102, 94868), (113, 94964), (120, 95015), (130, 95096), (133, 95123), (150, 95255), (152, 95267), (153, 95276), (155, 95297), (156, 95309), (166, 95360), (169, 95402), (174, 95471), (176, 95495), (179, 95507), (181, 95516), (184, 95537), (189, 95555), (190, 95561), (194, 95588),

Gene: Jedediah_176 Start: 95696, Stop: 96772, Start Num: 54
Candidate Starts for Jedediah_176:
(Start: 54 @95696 has 192 MA's), (63, 95738), (64, 95741), (65, 95753), (70, 95777), (71, 95780), (78, 95837), (79, 95855), (84, 95909), (97, 95999), (101, 96020), (102, 96023), (113, 96119), (120, 96170), (130, 96251), (133, 96278), (150, 96410), (152, 96422), (153, 96431), (155, 96452), (166, 96515), (169, 96557), (174, 96626), (176, 96650), (179, 96662), (181, 96671), (184, 96692), (189, 96710), (190, 96716), (194, 96743),

Gene: Jemmno_173 Start: 94522, Stop: 95598, Start Num: 54
Candidate Starts for Jemmno_173:
(Start: 54 @94522 has 192 MA's), (63, 94564), (64, 94567), (65, 94579), (70, 94603), (71, 94606), (78, 94663), (79, 94681), (84, 94735), (97, 94825), (101, 94846), (102, 94849), (113, 94945), (120, 94996), (130, 95077), (133, 95104), (150, 95236), (152, 95248), (153, 95257), (155, 95278), (166, 95341), (169, 95383), (174, 95452), (176, 95476), (179, 95488), (181, 95497), (184, 95518), (189, 95536), (190, 95542), (194, 95569),

Gene: Jerm2_33 Start: 26131, Stop: 27603, Start Num: 24
Candidate Starts for Jerm2_33:
(Start: 24 @26131 has 237 MA's), (Start: 28 @26158 has 1 MA's), (Start: 33 @26212 has 1 MA's), (40, 26278), (Start: 53 @26344 has 1 MA's), (58, 26371), (82, 26560), (104, 26710), (116, 26791), (117, 26794), (130, 26905), (133, 26932), (135, 26965), (152, 27142), (158, 27190), (159, 27202), (168, 27280), (178, 27394), (211, 27586),

Gene: Jessibeth14_173 Start: 95976, Stop: 97052, Start Num: 54
Candidate Starts for Jessibeth14_173:
(Start: 54 @95976 has 192 MA's), (63, 96018), (64, 96021), (65, 96033), (70, 96057), (71, 96060), (78, 96117), (79, 96135), (84, 96189), (97, 96279), (101, 96300), (102, 96303), (113, 96399), (120, 96450), (130, 96531), (133, 96558), (150, 96690), (152, 96702), (153, 96711), (155, 96732), (166, 96795), (169, 96837), (174, 96906), (176, 96930), (179, 96942), (181, 96951), (184, 96972), (189, 96990), (190, 96996), (194, 97023),

Gene: Jezreel_172 Start: 95605, Stop: 96681, Start Num: 54
Candidate Starts for Jezreel_172:
(Start: 54 @95605 has 192 MA's), (63, 95647), (64, 95650), (65, 95662), (70, 95686), (71, 95689), (78, 95746), (79, 95764), (84, 95818), (97, 95908), (101, 95929), (102, 95932), (113, 96028), (120, 96079), (130, 96160), (133, 96187), (150, 96319), (152, 96331), (153, 96340), (155, 96361), (166, 96424), (169, 96466), (174, 96535), (176, 96559), (179, 96571), (181, 96580), (184, 96601), (189, 96619), (190, 96625), (194, 96652),

Gene: JigglyPuff_181 Start: 97400, Stop: 98476, Start Num: 54
Candidate Starts for JigglyPuff_181:
(Start: 54 @97400 has 192 MA's), (63, 97442), (64, 97445), (65, 97457), (70, 97481), (71, 97484), (78, 97541), (79, 97559), (84, 97613), (97, 97703), (101, 97724), (102, 97727), (113, 97823), (120, 97874), (130, 97955), (133, 97982), (150, 98114), (152, 98126), (153, 98135), (155, 98156), (166, 98219), (169, 98261), (174, 98330), (176, 98354), (179, 98366), (181, 98375), (184, 98396), (189, 98414), (190, 98420), (194, 98447),

Gene: Jorgensen_32 Start: 25842, Stop: 27320, Start Num: 24
Candidate Starts for Jorgensen_32:
(Start: 24 @25842 has 237 MA's), (Start: 28 @25869 has 1 MA's), (Start: 33 @25923 has 1 MA's), (40, 25989), (Start: 53 @26055 has 1 MA's), (58, 26082), (82, 26271), (104, 26421), (116, 26502), (117, 26505), (130, 26616), (133, 26643), (135, 26676), (158, 26901), (159, 26913), (168, 26991), (178, 27105), (211, 27303),

Gene: JuicyJay_42 Start: 33896, Stop: 35401, Start Num: 24
Candidate Starts for JuicyJay_42:
(4, 33671), (20, 33839), (22, 33893), (Start: 24 @33896 has 237 MA's), (30, 33944), (44, 34067), (71, 34217), (72, 34220), (82, 34331), (98, 34439), (103, 34469), (118, 34571), (130, 34688), (135, 34748), (136, 34763), (152, 34925), (154, 34937), (159, 34985), (165, 35021), (168, 35063), (173, 35141), (179, 35180), (180, 35183), (185, 35213), (192, 35243), (196, 35267),

Gene: JuliaChild_34 Start: 26487, Stop: 27965, Start Num: 24
Candidate Starts for JuliaChild_34:
(1, 26229), (9, 26322), (13, 26370), (Start: 24 @26487 has 237 MA's), (Start: 28 @26514 has 1 MA's), (Start: 33 @26568 has 1 MA's), (40, 26634), (Start: 53 @26700 has 1 MA's), (58, 26727), (82, 26916), (91, 26961), (104, 27066), (116, 27147), (117, 27150), (130, 27261), (133, 27288), (135, 27321), (158, 27546), (159, 27558), (168, 27636), (178, 27750), (201, 27876), (211, 27948),

Gene: JulietS_165 Start: 92352, Stop: 93428, Start Num: 54
Candidate Starts for JulietS_165:
(Start: 54 @92352 has 192 MA's), (63, 92394), (64, 92397), (65, 92409), (70, 92433), (71, 92436), (78, 92493), (79, 92511), (84, 92565), (97, 92655), (101, 92676), (102, 92679), (113, 92775), (120, 92826), (130, 92907), (133, 92934), (150, 93066), (152, 93078), (153, 93087), (155, 93108), (166, 93171), (169, 93213), (174, 93282), (176, 93306), (179, 93318), (181, 93327), (184, 93348), (189, 93366), (190, 93372), (194, 93399),

Gene: JustHall_169 Start: 95035, Stop: 96111, Start Num: 54
Candidate Starts for JustHall_169:
(Start: 54 @95035 has 192 MA's), (63, 95077), (64, 95080), (65, 95092), (70, 95116), (71, 95119), (78, 95176), (79, 95194), (84, 95248), (97, 95338), (101, 95359), (102, 95362), (113, 95458), (120, 95509), (130, 95590), (133, 95617), (150, 95749), (152, 95761), (153, 95770), (155, 95791), (166, 95854), (169, 95896), (174, 95965), (176, 95989), (179, 96001), (181, 96010), (184, 96031), (189, 96049), (190, 96055), (194, 96082),

Gene: KBG_33 Start: 27054, Stop: 28319, Start Num: 53
Candidate Starts for KBG_33:
(1, 26583), (9, 26676), (13, 26724), (Start: 24 @26841 has 237 MA's), (Start: 33 @26922 has 1 MA's), (40, 26988), (Start: 53 @27054 has 1 MA's), (58, 27081), (82, 27270), (91, 27315), (104, 27420), (116, 27501), (117, 27504), (130, 27615), (133, 27642), (135, 27675), (158, 27900), (159, 27912), (168, 27990), (178, 28104), (211, 28302),

Gene: KSSJEB_32 Start: 25735, Stop: 27213, Start Num: 24
Candidate Starts for KSSJEB_32:
(Start: 24 @25735 has 237 MA's), (Start: 28 @25762 has 1 MA's), (31, 25798), (Start: 33 @25816 has 1 MA's), (40, 25882), (Start: 53 @25948 has 1 MA's), (58, 25975), (82, 26164), (91, 26209), (104, 26314), (116, 26395), (117, 26398), (130, 26509), (133, 26536), (135, 26569), (152, 26746), (158, 26794), (159, 26806), (168, 26884), (178, 26998), (201, 27124), (211, 27196),

Gene: Kalah2_40 Start: 32483, Stop: 33988, Start Num: 24
Candidate Starts for Kalah2_40:

(4, 32258), (20, 32426), (22, 32480), (Start: 24 @32483 has 237 MA's), (30, 32531), (44, 32654), (71, 32804), (72, 32807), (82, 32918), (98, 33026), (103, 33056), (118, 33158), (130, 33275), (135, 33335), (136, 33350), (152, 33512), (154, 33524), (159, 33572), (165, 33608), (168, 33650), (173, 33728), (179, 33767), (180, 33770), (185, 33800), (192, 33830), (196, 33854),

Gene: Kamryn_173 Start: 96257, Stop: 97333, Start Num: 54
Candidate Starts for Kamryn_173:
(Start: 54 @96257 has 192 MA's), (63, 96299), (64, 96302), (65, 96314), (70, 96338), (71, 96341), (78, 96398), (79, 96416), (84, 96470), (97, 96560), (101, 96581), (102, 96584), (113, 96680), (120, 96731), (130, 96812), (133, 96839), (150, 96971), (152, 96983), (153, 96992), (155, 97013), (166, 97076), (169, 97118), (174, 97187), (176, 97211), (179, 97223), (181, 97232), (184, 97253), (189, 97271), (190, 97277), (194, 97304),

Gene: Kanely_33 Start: 26545, Stop: 28023, Start Num: 24
Candidate Starts for Kanely_33:
(Start: 24 @26545 has 237 MA's), (Start: 28 @26572 has 1 MA's), (Start: 33 @26626 has 1 MA's), (40, 26692), (Start: 53 @26758 has 1 MA's), (58, 26785), (82, 26974), (104, 27124), (116, 27205), (117, 27208), (130, 27319), (133, 27346), (135, 27379), (158, 27604), (159, 27616), (168, 27694), (178, 27808), (211, 28006),

Gene: Kboogie_177 Start: 95133, Stop: 96209, Start Num: 54
Candidate Starts for Kboogie_177:
(Start: 54 @95133 has 192 MA's), (63, 95175), (64, 95178), (65, 95190), (70, 95214), (71, 95217), (78, 95274), (79, 95292), (84, 95346), (97, 95436), (101, 95457), (102, 95460), (113, 95556), (120, 95607), (130, 95688), (133, 95715), (150, 95847), (152, 95859), (153, 95868), (155, 95889), (166, 95952), (169, 95994), (174, 96063), (176, 96087), (179, 96099), (181, 96108), (184, 96129), (189, 96147), (190, 96153), (194, 96180),

Gene: Kenmech_35 Start: 27251, Stop: 28735, Start Num: 24
Candidate Starts for Kenmech_35:
(5, 27035), (9, 27086), (Start: 24 @27251 has 237 MA's), (Start: 28 @27278 has 1 MA's), (31, 27314), (Start: 33 @27332 has 1 MA's), (40, 27398), (Start: 53 @27464 has 1 MA's), (58, 27491), (82, 27680), (91, 27725), (104, 27830), (116, 27911), (117, 27914), (130, 28025), (133, 28052), (135, 28085), (152, 28262), (156, 28304), (159, 28322), (165, 28358), (168, 28400), (178, 28514), (179, 28517), (185, 28550), (196, 28604), (199, 28631), (210, 28706),

Gene: Khaleesi_172 Start: 95443, Stop: 96519, Start Num: 54
Candidate Starts for Khaleesi_172:
(Start: 54 @95443 has 192 MA's), (63, 95485), (64, 95488), (65, 95500), (70, 95524), (71, 95527), (78, 95584), (79, 95602), (84, 95656), (97, 95746), (101, 95767), (102, 95770), (113, 95866), (120, 95917), (130, 95998), (133, 96025), (150, 96157), (152, 96169), (153, 96178), (155, 96199), (166, 96262), (169, 96304), (174, 96373), (176, 96397), (179, 96409), (181, 96418), (184, 96439), (189, 96457), (190, 96463), (194, 96490),

Gene: KikiBouba_35 Start: 27269, Stop: 28753, Start Num: 24
Candidate Starts for KikiBouba_35:
(Start: 24 @27269 has 237 MA's), (Start: 28 @27296 has 1 MA's), (31, 27332), (Start: 33 @27350 has 1 MA's), (40, 27416), (58, 27509), (82, 27698), (104, 27848), (116, 27929), (117, 27932), (130, 28043), (133, 28070), (135, 28103), (152, 28280), (156, 28322), (159, 28340), (165, 28376), (168, 28418), (178, 28532), (179, 28535), (185, 28568), (196, 28622), (199, 28649), (210, 28724),

Gene: Killigrew_30 Start: 25457, Stop: 26947, Start Num: 24
Candidate Starts for Killigrew_30:

(Start: 24 @25457 has 237 MA's), (Start: 28 @25484 has 1 MA's), (31, 25520), (Start: 33 @25538 has 1 MA's), (40, 25604), (Start: 53 @25670 has 1 MA's), (58, 25697), (65, 25736), (71, 25772), (82, 25886), (118, 26126), (123, 26177), (133, 26270), (135, 26303), (145, 26420), (147, 26435), (152, 26480), (158, 26528), (159, 26540), (168, 26618), (172, 26693), (179, 26735), (201, 26858), (209, 26894), (211, 26930),

Gene: KingPhillip3_59 Start: 38614, Stop: 40104, Start Num: 23
Candidate Starts for KingPhillip3_59:
(Start: 23 @38614 has 34 MA's), (29, 38656), (43, 38785), (52, 38824), (64, 38881), (80, 39001), (82, 39037), (86, 39055), (95, 39112), (96, 39121), (100, 39157), (101, 39160), (102, 39163), (106, 39205), (113, 39250), (118, 39277), (136, 39469), (147, 39586), (154, 39643), (159, 39691), (168, 39769), (172, 39844), (178, 39883), (185, 39913), (195, 39961), (204, 40030),

Gene: Klein_40 Start: 31707, Stop: 33212, Start Num: 24
Candidate Starts for Klein_40:
(20, 31650), (22, 31704), (Start: 24 @31707 has 237 MA's), (30, 31755), (44, 31878), (71, 32028), (72, 32031), (82, 32142), (98, 32250), (103, 32280), (118, 32382), (130, 32499), (135, 32559), (136, 32574), (152, 32736), (154, 32748), (159, 32796), (165, 32832), (168, 32874), (173, 32952), (179, 32991), (180, 32994), (185, 33024), (192, 33054), (196, 33078),

Gene: Koguma_171 Start: 93049, Stop: 94125, Start Num: 54
Candidate Starts for Koguma_171:
(Start: 54 @93049 has 192 MA's), (63, 93091), (64, 93094), (65, 93106), (70, 93130), (71, 93133), (78, 93190), (79, 93208), (84, 93262), (97, 93352), (101, 93373), (102, 93376), (113, 93472), (120, 93523), (130, 93604), (133, 93631), (150, 93763), (152, 93775), (153, 93784), (155, 93805), (166, 93868), (169, 93910), (174, 93979), (176, 94003), (179, 94015), (181, 94024), (184, 94045), (189, 94063), (190, 94069), (194, 94096),

Gene: Konstantine_35 Start: 29726, Stop: 30934, Start Num: 35
Candidate Starts for Konstantine_35:
(Start: 35 @29726 has 12 MA's), (38, 29753), (41, 29792), (62, 29894), (65, 29918), (84, 30071), (89, 30083), (90, 30101), (98, 30167), (99, 30176), (100, 30179), (102, 30185), (106, 30224), (107, 30227), (118, 30308), (124, 30365), (133, 30443), (139, 30473), (148, 30518), (150, 30539), (151, 30542), (153, 30560), (154, 30563), (170, 30704), (176, 30791), (177, 30797), (186, 30851), (194, 30893),

Gene: Krili_58 Start: 38109, Stop: 39599, Start Num: 23
Candidate Starts for Krili_58:
(Start: 23 @38109 has 34 MA's), (29, 38151), (43, 38280), (52, 38319), (64, 38376), (80, 38496), (82, 38532), (86, 38550), (95, 38607), (96, 38616), (100, 38652), (101, 38655), (102, 38658), (106, 38700), (113, 38745), (118, 38772), (136, 38964), (147, 39081), (154, 39138), (159, 39186), (168, 39264), (172, 39339), (178, 39378), (185, 39408), (195, 39456), (204, 39525),

Gene: Kugel_33 Start: 26118, Stop: 27596, Start Num: 24
Candidate Starts for Kugel_33:
(1, 25860), (8, 25944), (9, 25953), (Start: 24 @26118 has 237 MA's), (31, 26181), (Start: 33 @26199 has 1 MA's), (40, 26265), (Start: 53 @26331 has 1 MA's), (58, 26358), (82, 26547), (104, 26697), (116, 26778), (117, 26781), (130, 26892), (133, 26919), (135, 26952), (158, 27177), (159, 27189), (168, 27267), (178, 27381), (211, 27579),

Gene: KyMonks1A_34 Start: 26284, Stop: 27762, Start Num: 24
Candidate Starts for KyMonks1A_34:
(9, 26119), (13, 26167), (Start: 24 @26284 has 237 MA's), (Start: 33 @26365 has 1 MA's), (40, 26431), (Start: 53 @26497 has 1 MA's), (58, 26524), (82, 26713), (104, 26863), (117, 26947), (130, 27058),

(133, 27085), (135, 27118), (158, 27343), (159, 27355), (168, 27433), (178, 27547), (211, 27745),

Gene: Kykar_32 Start: 25906, Stop: 27384, Start Num: 24
Candidate Starts for Kykar_32:
(Start: 24 @25906 has 237 MA's), (Start: 28 @25933 has 1 MA's), (Start: 33 @25987 has 1 MA's), (40, 26053), (45, 26083), (82, 26335), (104, 26485), (116, 26566), (117, 26569), (130, 26680), (133, 26707), (135, 26740), (158, 26965), (159, 26977), (165, 27013), (168, 27055), (178, 27169), (211, 27367),

Gene: LRRHood_166 Start: 94905, Stop: 95981, Start Num: 54
Candidate Starts for LRRHood_166:
(Start: 54 @94905 has 192 MA's), (63, 94947), (64, 94950), (65, 94962), (70, 94986), (71, 94989), (78, 95046), (79, 95064), (84, 95118), (97, 95208), (101, 95229), (102, 95232), (113, 95328), (120, 95379), (130, 95460), (133, 95487), (150, 95619), (152, 95631), (153, 95640), (155, 95661), (166, 95724), (169, 95766), (174, 95835), (176, 95859), (179, 95871), (181, 95880), (184, 95901), (189, 95919), (190, 95925), (194, 95952),

Gene: Labradorite_175 Start: 94135, Stop: 95211, Start Num: 54
Candidate Starts for Labradorite_175:
(Start: 54 @94135 has 192 MA's), (63, 94177), (64, 94180), (65, 94192), (70, 94216), (71, 94219), (78, 94276), (79, 94294), (84, 94348), (97, 94438), (101, 94459), (102, 94462), (113, 94558), (120, 94609), (130, 94690), (133, 94717), (150, 94849), (152, 94861), (153, 94870), (155, 94891), (166, 94954), (169, 94996), (174, 95065), (176, 95089), (179, 95101), (181, 95110), (184, 95131), (189, 95149), (190, 95155), (194, 95182),

Gene: Lamina13_32 Start: 25555, Stop: 27033, Start Num: 24
Candidate Starts for Lamina13_32:
(Start: 24 @25555 has 237 MA's), (Start: 28 @25582 has 1 MA's), (Start: 33 @25636 has 1 MA's), (40, 25702), (Start: 53 @25768 has 1 MA's), (56, 25786), (82, 25984), (91, 26029), (104, 26134), (116, 26215), (117, 26218), (130, 26329), (133, 26356), (135, 26389), (158, 26614), (159, 26626), (168, 26704), (178, 26818), (211, 27016),

Gene: Latch_174 Start: 94447, Stop: 95523, Start Num: 54
Candidate Starts for Latch_174:
(Start: 54 @94447 has 192 MA's), (63, 94489), (64, 94492), (65, 94504), (70, 94528), (71, 94531), (78, 94588), (79, 94606), (84, 94660), (97, 94750), (101, 94771), (102, 94774), (113, 94870), (120, 94921), (130, 95002), (133, 95029), (150, 95161), (152, 95173), (153, 95182), (155, 95203), (166, 95266), (169, 95308), (174, 95377), (176, 95401), (179, 95413), (181, 95422), (184, 95443), (189, 95461), (190, 95467), (194, 95494),

Gene: Lee7_176 Start: 96823, Stop: 97899, Start Num: 54
Candidate Starts for Lee7_176:
(Start: 54 @96823 has 192 MA's), (63, 96865), (64, 96868), (65, 96880), (70, 96904), (71, 96907), (78, 96964), (79, 96982), (84, 97036), (97, 97126), (101, 97147), (102, 97150), (113, 97246), (120, 97297), (130, 97378), (133, 97405), (150, 97537), (152, 97549), (153, 97558), (155, 97579), (166, 97642), (169, 97684), (174, 97753), (176, 97777), (179, 97789), (181, 97798), (184, 97819), (189, 97837), (190, 97843), (194, 97870),

Gene: Lesedi_31 Start: 25713, Stop: 27191, Start Num: 24
Candidate Starts for Lesedi_31:
(Start: 24 @25713 has 237 MA's), (Start: 33 @25794 has 1 MA's), (40, 25860), (Start: 53 @25926 has 1 MA's), (58, 25953), (82, 26142), (104, 26292), (116, 26373), (117, 26376), (130, 26487), (133, 26514), (135, 26547), (158, 26772), (159, 26784), (168, 26862), (178, 26976), (211, 27174),

Gene: Lethe_172 Start: 95755, Stop: 96831, Start Num: 54
Candidate Starts for Lethe_172:
(Start: 54 @95755 has 192 MA's), (63, 95797), (64, 95800), (65, 95812), (70, 95836), (71, 95839), (78, 95896), (79, 95914), (84, 95968), (97, 96058), (101, 96079), (102, 96082), (113, 96178), (120, 96229), (130, 96310), (133, 96337), (150, 96469), (152, 96481), (153, 96490), (155, 96511), (166, 96574), (169, 96616), (174, 96685), (176, 96709), (179, 96721), (181, 96730), (184, 96751), (189, 96769), (190, 96775), (194, 96802),

Gene: Licorice_34 Start: 26942, Stop: 28426, Start Num: 24
Candidate Starts for Licorice_34:
(9, 26777), (13, 26825), (Start: 24 @26942 has 237 MA's), (Start: 28 @26969 has 1 MA's), (Start: 33 @27023 has 1 MA's), (40, 27089), (59, 27185), (82, 27371), (104, 27521), (116, 27602), (117, 27605), (130, 27716), (133, 27743), (135, 27776), (152, 27953), (156, 27995), (159, 28013), (165, 28049), (168, 28091), (178, 28205), (179, 28208), (185, 28241), (196, 28295), (199, 28322), (202, 28337), (210, 28397),

Gene: LifeSavor_172 Start: 95356, Stop: 96432, Start Num: 54
Candidate Starts for LifeSavor_172:
(Start: 54 @95356 has 192 MA's), (63, 95398), (64, 95401), (65, 95413), (70, 95437), (71, 95440), (78, 95497), (79, 95515), (84, 95569), (97, 95659), (101, 95680), (102, 95683), (113, 95779), (120, 95830), (130, 95911), (133, 95938), (150, 96070), (152, 96082), (153, 96091), (155, 96112), (166, 96175), (169, 96217), (174, 96286), (176, 96310), (179, 96322), (181, 96331), (184, 96352), (189, 96370), (190, 96376), (194, 96403),

Gene: LilBib_33 Start: 27155, Stop: 28636, Start Num: 24
Candidate Starts for LilBib_33:
(9, 26990), (13, 27038), (Start: 24 @27155 has 237 MA's), (Start: 28 @27182 has 1 MA's), (Start: 33 @27236 has 1 MA's), (40, 27302), (45, 27332), (65, 27434), (82, 27584), (104, 27734), (116, 27815), (117, 27818), (130, 27929), (133, 27956), (135, 27989), (152, 28166), (156, 28208), (159, 28226), (165, 28262), (168, 28304), (179, 28421), (180, 28424), (196, 28508), (197, 28517),

Gene: LinStu_171 Start: 95501, Stop: 96577, Start Num: 54
Candidate Starts for LinStu_171:
(Start: 54 @95501 has 192 MA's), (63, 95543), (64, 95546), (65, 95558), (70, 95582), (71, 95585), (78, 95642), (79, 95660), (84, 95714), (97, 95804), (101, 95825), (102, 95828), (113, 95924), (120, 95975), (130, 96056), (133, 96083), (150, 96215), (152, 96227), (153, 96236), (155, 96257), (166, 96320), (169, 96362), (174, 96431), (176, 96455), (179, 96467), (181, 96476), (184, 96497), (189, 96515), (190, 96521), (194, 96548),

Gene: Littleton_175 Start: 95607, Stop: 96683, Start Num: 54
Candidate Starts for Littleton_175:
(Start: 54 @95607 has 192 MA's), (63, 95649), (64, 95652), (65, 95664), (70, 95688), (71, 95691), (78, 95748), (79, 95766), (84, 95820), (97, 95910), (101, 95931), (102, 95934), (113, 96030), (120, 96081), (130, 96162), (133, 96189), (150, 96321), (152, 96333), (153, 96342), (155, 96363), (166, 96426), (169, 96468), (174, 96537), (176, 96561), (179, 96573), (181, 96582), (184, 96603), (189, 96621), (190, 96627), (194, 96654),

Gene: Loanshark_171 Start: 95317, Stop: 96393, Start Num: 54
Candidate Starts for Loanshark_171:
(Start: 54 @95317 has 192 MA's), (63, 95359), (64, 95362), (65, 95374), (70, 95398), (71, 95401), (78, 95458), (79, 95476), (84, 95530), (97, 95620), (101, 95641), (102, 95644), (113, 95740), (120, 95791), (130, 95872), (133, 95899), (150, 96031), (152, 96043), (153, 96052), (155, 96073), (166, 96136),

(169, 96178), (174, 96247), (176, 96271), (179, 96283), (181, 96292), (184, 96313), (189, 96331), (190, 96337), (194, 96364),

Gene: LolaVinca_174 Start: 96726, Stop: 97802, Start Num: 54
Candidate Starts for LolaVinca_174:
(Start: 54 @96726 has 192 MA's), (63, 96768), (64, 96771), (65, 96783), (70, 96807), (71, 96810), (78, 96867), (79, 96885), (84, 96939), (97, 97029), (101, 97050), (102, 97053), (113, 97149), (120, 97200), (130, 97281), (133, 97308), (150, 97440), (152, 97452), (153, 97461), (155, 97482), (166, 97545), (169, 97587), (174, 97656), (176, 97680), (179, 97692), (181, 97701), (184, 97722), (189, 97740), (190, 97746), (194, 97773),

Gene: LookingGlass_174 Start: 95585, Stop: 96661, Start Num: 54
Candidate Starts for LookingGlass_174:
(Start: 54 @95585 has 192 MA's), (63, 95627), (64, 95630), (65, 95642), (70, 95666), (71, 95669), (78, 95726), (79, 95744), (84, 95798), (97, 95888), (101, 95909), (102, 95912), (113, 96008), (120, 96059), (130, 96140), (133, 96167), (150, 96299), (152, 96311), (153, 96320), (155, 96341), (166, 96404), (169, 96446), (174, 96515), (176, 96539), (179, 96551), (181, 96560), (184, 96581), (189, 96599), (190, 96605), (194, 96632),

Gene: Lopton_33 Start: 27357, Stop: 28835, Start Num: 24
Candidate Starts for Lopton_33:
(Start: 24 @27357 has 237 MA's), (Start: 28 @27384 has 1 MA's), (31, 27420), (Start: 33 @27438 has 1 MA's), (40, 27504), (Start: 53 @27570 has 1 MA's), (58, 27597), (82, 27786), (91, 27831), (104, 27936), (116, 28017), (117, 28020), (130, 28131), (133, 28158), (135, 28191), (152, 28368), (158, 28416), (159, 28428), (168, 28506), (178, 28620), (211, 28818),

Gene: LordLeafolot_176 Start: 96339, Stop: 97415, Start Num: 54
Candidate Starts for LordLeafolot_176:
(Start: 54 @96339 has 192 MA's), (63, 96381), (64, 96384), (65, 96396), (70, 96420), (71, 96423), (78, 96480), (79, 96498), (84, 96552), (97, 96642), (101, 96663), (102, 96666), (113, 96762), (120, 96813), (130, 96894), (133, 96921), (150, 97053), (152, 97065), (153, 97074), (155, 97095), (169, 97200), (174, 97269), (176, 97293), (179, 97305), (181, 97314), (184, 97335), (189, 97353), (190, 97359), (194, 97386),

Gene: Lukilu_163 Start: 95915, Stop: 96991, Start Num: 54
Candidate Starts for Lukilu_163:
(Start: 54 @95915 has 192 MA's), (63, 95957), (64, 95960), (65, 95972), (70, 95996), (71, 95999), (78, 96056), (79, 96074), (84, 96128), (97, 96218), (101, 96239), (102, 96242), (113, 96338), (120, 96389), (130, 96470), (133, 96497), (150, 96629), (152, 96641), (153, 96650), (155, 96671), (166, 96734), (169, 96776), (174, 96845), (176, 96869), (179, 96881), (181, 96890), (184, 96911), (189, 96929), (190, 96935), (194, 96962),

Gene: LunarLander_33 Start: 26058, Stop: 27542, Start Num: 24
Candidate Starts for LunarLander_33:
(9, 25893), (Start: 24 @26058 has 237 MA's), (Start: 28 @26085 has 1 MA's), (31, 26121), (Start: 33 @26139 has 1 MA's), (40, 26205), (Start: 53 @26271 has 1 MA's), (58, 26298), (82, 26487), (104, 26637), (113, 26697), (130, 26832), (133, 26859), (135, 26892), (152, 27069), (156, 27111), (159, 27129), (165, 27165), (168, 27207), (178, 27321), (179, 27324), (185, 27357), (196, 27411), (199, 27438), (210, 27513),

Gene: Lunareta_171 Start: 96573, Stop: 97649, Start Num: 54
Candidate Starts for Lunareta_171:

(Start: 54 @96573 has 192 MA's), (63, 96615), (64, 96618), (65, 96630), (70, 96654), (71, 96657), (78, 96714), (79, 96732), (84, 96786), (97, 96876), (101, 96897), (102, 96900), (113, 96996), (120, 97047), (130, 97128), (133, 97155), (150, 97287), (152, 97299), (153, 97308), (155, 97329), (166, 97392), (169, 97434), (174, 97503), (176, 97527), (179, 97539), (181, 97548), (184, 97569), (189, 97587), (190, 97593), (194, 97620),

Gene: MPlant7149_31 Start: 25485, Stop: 26963, Start Num: 24
Candidate Starts for MPlant7149_31:
(1, 25227), (9, 25320), (13, 25368), (Start: 24 @25485 has 237 MA's), (Start: 28 @25512 has 1 MA's), (Start: 33 @25566 has 1 MA's), (40, 25632), (Start: 53 @25698 has 1 MA's), (58, 25725), (82, 25914), (91, 25959), (104, 26064), (116, 26145), (117, 26148), (130, 26259), (133, 26286), (135, 26319), (158, 26544), (159, 26556), (168, 26634), (178, 26748), (205, 26898), (211, 26946),

Gene: Maby2021_172 Start: 95887, Stop: 96963, Start Num: 54
Candidate Starts for Maby2021_172:
(Start: 54 @95887 has 192 MA's), (63, 95929), (64, 95932), (65, 95944), (70, 95968), (71, 95971), (78, 96028), (79, 96046), (84, 96100), (97, 96190), (101, 96211), (102, 96214), (113, 96310), (120, 96361), (130, 96442), (133, 96469), (150, 96601), (152, 96613), (153, 96622), (155, 96643), (166, 96706), (169, 96748), (174, 96817), (176, 96841), (179, 96853), (181, 96862), (184, 96883), (189, 96901), (190, 96907), (194, 96934),

Gene: MadKillah_60 Start: 38378, Stop: 39868, Start Num: 23
Candidate Starts for MadKillah_60:
(Start: 23 @38378 has 34 MA's), (29, 38420), (43, 38549), (52, 38588), (64, 38645), (80, 38765), (82, 38801), (86, 38819), (95, 38876), (96, 38885), (100, 38921), (101, 38924), (102, 38927), (106, 38969), (113, 39014), (118, 39041), (136, 39233), (147, 39350), (154, 39407), (159, 39455), (168, 39533), (172, 39608), (178, 39647), (185, 39677), (195, 39725), (204, 39794),

Gene: Magnar_32 Start: 25682, Stop: 27160, Start Num: 24
Candidate Starts for Magnar_32:
(Start: 24 @25682 has 237 MA's), (Start: 28 @25709 has 1 MA's), (Start: 33 @25763 has 1 MA's), (40, 25829), (Start: 53 @25895 has 1 MA's), (58, 25922), (82, 26111), (104, 26261), (116, 26342), (117, 26345), (130, 26456), (133, 26483), (135, 26516), (158, 26741), (159, 26753), (168, 26831), (178, 26945), (211, 27143),

Gene: Magnito_31 Start: 25434, Stop: 26912, Start Num: 24
Candidate Starts for Magnito_31:
(8, 25260), (9, 25269), (Start: 24 @25434 has 237 MA's), (Start: 28 @25461 has 1 MA's), (31, 25497), (Start: 33 @25515 has 1 MA's), (40, 25581), (Start: 53 @25647 has 1 MA's), (58, 25674), (59, 25677), (82, 25863), (104, 26013), (116, 26094), (117, 26097), (130, 26208), (133, 26235), (135, 26268), (158, 26493), (159, 26505), (168, 26583), (178, 26697), (211, 26895),

Gene: Maguvora_176 Start: 96256, Stop: 97332, Start Num: 54
Candidate Starts for Maguvora_176:
(Start: 54 @96256 has 192 MA's), (63, 96298), (64, 96301), (65, 96313), (70, 96337), (71, 96340), (78, 96397), (79, 96415), (84, 96469), (97, 96559), (101, 96580), (102, 96583), (113, 96679), (120, 96730), (130, 96811), (133, 96838), (150, 96970), (152, 96982), (153, 96991), (155, 97012), (166, 97075), (169, 97117), (174, 97186), (176, 97210), (179, 97222), (181, 97231), (184, 97252), (189, 97270), (190, 97276), (194, 97303),

Gene: Manatee_33 Start: 25680, Stop: 27158, Start Num: 24
Candidate Starts for Manatee_33:

(8, 25506), (9, 25515), (13, 25563), (Start: 24 @25680 has 237 MA's), (Start: 28 @25707 has 1 MA's), (31, 25743), (Start: 33 @25761 has 1 MA's), (40, 25827), (59, 25923), (82, 26109), (104, 26259), (116, 26340), (117, 26343), (130, 26454), (133, 26481), (135, 26514), (158, 26739), (159, 26751), (168, 26829), (178, 26943), (211, 27141),

Gene: Mangeria_173 Start: 96239, Stop: 97315, Start Num: 54
Candidate Starts for Mangeria_173:
(Start: 54 @96239 has 192 MA's), (63, 96281), (64, 96284), (65, 96296), (70, 96320), (71, 96323), (78, 96380), (79, 96398), (84, 96452), (97, 96542), (101, 96563), (102, 96566), (113, 96662), (120, 96713), (130, 96794), (133, 96821), (150, 96953), (152, 96965), (153, 96974), (155, 96995), (166, 97058), (169, 97100), (174, 97169), (176, 97193), (179, 97205), (181, 97214), (184, 97235), (189, 97253), (190, 97259), (194, 97286),

Gene: Marcell_32 Start: 26170, Stop: 27648, Start Num: 24
Candidate Starts for Marcell_32:
(1, 25912), (9, 26005), (Start: 24 @26170 has 237 MA's), (Start: 28 @26197 has 1 MA's), (31, 26233), (Start: 33 @26251 has 1 MA's), (40, 26317), (Start: 53 @26383 has 1 MA's), (56, 26401), (58, 26410), (82, 26599), (91, 26644), (104, 26749), (116, 26830), (117, 26833), (130, 26944), (133, 26971), (135, 27004), (158, 27229), (159, 27241), (168, 27319), (178, 27433), (205, 27583), (211, 27631),

Gene: Marco3_32 Start: 26070, Stop: 27548, Start Num: 24
Candidate Starts for Marco3_32:
(9, 25905), (13, 25953), (Start: 24 @26070 has 237 MA's), (Start: 28 @26097 has 1 MA's), (Start: 33 @26151 has 1 MA's), (40, 26217), (Start: 53 @26283 has 1 MA's), (58, 26310), (82, 26499), (104, 26649), (116, 26730), (117, 26733), (130, 26844), (133, 26871), (135, 26904), (158, 27129), (159, 27141), (168, 27219), (178, 27333), (211, 27531),

Gene: Marge_33 Start: 26570, Stop: 28048, Start Num: 24
Candidate Starts for Marge_33:
(9, 26405), (13, 26453), (Start: 24 @26570 has 237 MA's), (Start: 28 @26597 has 1 MA's), (31, 26633), (Start: 33 @26651 has 1 MA's), (40, 26717), (Start: 53 @26783 has 1 MA's), (58, 26810), (82, 26999), (91, 27044), (104, 27149), (116, 27230), (117, 27233), (130, 27344), (133, 27371), (135, 27404), (158, 27629), (159, 27641), (168, 27719), (178, 27833), (211, 28031),

Gene: Marleymoo_44 Start: 34734, Stop: 36242, Start Num: 24
Candidate Starts for Marleymoo_44:
(5, 34524), (10, 34581), (16, 34641), (20, 34677), (Start: 24 @34734 has 237 MA's), (44, 34905), (71, 35055), (82, 35169), (94, 35238), (98, 35277), (113, 35382), (123, 35460), (129, 35523), (137, 35622), (152, 35763), (156, 35805), (159, 35823), (164, 35844), (168, 35901), (178, 36015), (179, 36018), (180, 36021), (187, 36057), (196, 36105),

Gene: Maroc7_31 Start: 25674, Stop: 27152, Start Num: 24
Candidate Starts for Maroc7_31:
(Start: 24 @25674 has 237 MA's), (Start: 33 @25755 has 1 MA's), (40, 25821), (Start: 53 @25887 has 1 MA's), (58, 25914), (68, 25974), (82, 26103), (104, 26253), (130, 26448), (133, 26475), (135, 26508), (158, 26733), (159, 26745), (168, 26823), (178, 26937), (211, 27135),

Gene: Marsha_32 Start: 26749, Stop: 28227, Start Num: 24
Candidate Starts for Marsha_32:
(9, 26584), (13, 26632), (Start: 24 @26749 has 237 MA's), (Start: 28 @26776 has 1 MA's), (Start: 33 @26830 has 1 MA's), (40, 26896), (48, 26935), (Start: 53 @26962 has 1 MA's), (58, 26989), (82, 27178), (104, 27328), (116, 27409), (117, 27412), (130, 27523), (133, 27550), (135, 27583), (158, 27808), (159, 27820), (168, 27898), (178, 28012), (211, 28210),

Gene: MaryBeth_32 Start: 26102, Stop: 27586, Start Num: 24
Candidate Starts for MaryBeth_32:
(9, 25937), (Start: 24 @26102 has 237 MA's), (Start: 33 @26183 has 1 MA's), (40, 26249), (Start: 53 @26315 has 1 MA's), (58, 26342), (82, 26531), (91, 26576), (104, 26681), (116, 26762), (117, 26765), (130, 26876), (133, 26903), (135, 26936), (152, 27113), (156, 27155), (159, 27173), (165, 27209), (168, 27251), (178, 27365), (179, 27368), (185, 27401), (196, 27455), (199, 27482), (210, 27557),

Gene: Matsumoto_172 Start: 95121, Stop: 96197, Start Num: 54
Candidate Starts for Matsumoto_172:
(Start: 54 @95121 has 192 MA's), (63, 95163), (64, 95166), (65, 95178), (70, 95202), (71, 95205), (78, 95262), (79, 95280), (84, 95334), (97, 95424), (101, 95445), (102, 95448), (113, 95544), (120, 95595), (130, 95676), (133, 95703), (150, 95835), (152, 95847), (153, 95856), (155, 95877), (166, 95940), (169, 95982), (174, 96051), (176, 96075), (179, 96087), (181, 96096), (184, 96117), (189, 96135), (190, 96141), (194, 96168),

Gene: Maturis_170 Start: 95071, Stop: 96147, Start Num: 54
Candidate Starts for Maturis_170:
(Start: 54 @95071 has 192 MA's), (63, 95113), (64, 95116), (65, 95128), (70, 95152), (71, 95155), (78, 95212), (79, 95230), (84, 95284), (97, 95374), (101, 95395), (102, 95398), (113, 95494), (120, 95545), (130, 95626), (133, 95653), (150, 95785), (152, 95797), (153, 95806), (155, 95827), (166, 95890), (169, 95932), (174, 96001), (176, 96025), (179, 96037), (181, 96046), (184, 96067), (189, 96085), (190, 96091), (194, 96118),

Gene: McGee_175 Start: 94875, Stop: 95951, Start Num: 54
Candidate Starts for McGee_175:
(Start: 54 @94875 has 192 MA's), (63, 94917), (64, 94920), (65, 94932), (70, 94956), (71, 94959), (78, 95016), (79, 95034), (84, 95088), (97, 95178), (101, 95199), (102, 95202), (113, 95298), (120, 95349), (130, 95430), (133, 95457), (150, 95589), (152, 95601), (153, 95610), (155, 95631), (166, 95694), (169, 95736), (174, 95805), (176, 95829), (179, 95841), (181, 95850), (184, 95871), (189, 95889), (190, 95895), (194, 95922),

Gene: McGuire_33 Start: 25972, Stop: 27450, Start Num: 24
Candidate Starts for McGuire_33:
(8, 25798), (9, 25807), (13, 25855), (Start: 24 @25972 has 237 MA's), (Start: 28 @25999 has 1 MA's), (31, 26035), (Start: 33 @26053 has 1 MA's), (40, 26119), (59, 26215), (82, 26401), (104, 26551), (116, 26632), (117, 26635), (130, 26746), (133, 26773), (135, 26806), (158, 27031), (159, 27043), (168, 27121), (178, 27235), (211, 27433),

Gene: McSinger_33 Start: 26364, Stop: 27842, Start Num: 24
Candidate Starts for McSinger_33:
(Start: 24 @26364 has 237 MA's), (Start: 33 @26445 has 1 MA's), (40, 26511), (Start: 53 @26577 has 1 MA's), (58, 26604), (82, 26793), (104, 26943), (130, 27138), (133, 27165), (135, 27198), (158, 27423), (159, 27435), (168, 27513), (178, 27627), (211, 27825),

Gene: McWolfish_171 Start: 95214, Stop: 96290, Start Num: 54
Candidate Starts for McWolfish_171:
(Start: 54 @95214 has 192 MA's), (63, 95256), (64, 95259), (65, 95271), (70, 95295), (71, 95298), (78, 95355), (79, 95373), (84, 95427), (97, 95517), (101, 95538), (102, 95541), (113, 95637), (120, 95688), (130, 95769), (133, 95796), (150, 95928), (152, 95940), (153, 95949), (155, 95970), (166, 96033), (169, 96075), (174, 96144), (176, 96168), (179, 96180), (181, 96189), (184, 96210), (189, 96228), (190, 96234), (194, 96261),

Gene: Megamind_170 Start: 94945, Stop: 96021, Start Num: 54
Candidate Starts for Megamind_170:
(Start: 54 @94945 has 192 MA's), (63, 94987), (64, 94990), (65, 95002), (70, 95026), (71, 95029), (78, 95086), (79, 95104), (84, 95158), (97, 95248), (101, 95269), (102, 95272), (113, 95368), (120, 95419), (130, 95500), (133, 95527), (150, 95659), (152, 95671), (153, 95680), (155, 95701), (166, 95764), (169, 95806), (174, 95875), (176, 95899), (179, 95911), (181, 95920), (184, 95941), (189, 95959), (190, 95965), (194, 95992),

Gene: Megatron06_32 Start: 29058, Stop: 30266, Start Num: 35
Candidate Starts for Megatron06_32:
(Start: 35 @29058 has 12 MA's), (38, 29085), (41, 29124), (62, 29226), (65, 29250), (84, 29403), (89, 29415), (90, 29433), (98, 29499), (99, 29508), (100, 29511), (102, 29517), (106, 29556), (107, 29559), (118, 29640), (124, 29697), (133, 29775), (139, 29805), (148, 29850), (150, 29871), (151, 29874), (153, 29892), (154, 29895), (170, 30036), (176, 30123), (177, 30129), (186, 30183), (194, 30225),

Gene: Melpomini_167 Start: 93421, Stop: 94497, Start Num: 54
Candidate Starts for Melpomini_167:
(Start: 54 @93421 has 192 MA's), (63, 93463), (64, 93466), (65, 93478), (70, 93502), (71, 93505), (78, 93562), (79, 93580), (84, 93634), (97, 93724), (101, 93745), (102, 93748), (113, 93844), (120, 93895), (130, 93976), (133, 94003), (150, 94135), (152, 94147), (153, 94156), (155, 94177), (166, 94240), (169, 94282), (174, 94351), (176, 94375), (179, 94387), (181, 94396), (184, 94417), (189, 94435), (190, 94441), (194, 94468),

Gene: MetalQZJ_32 Start: 26102, Stop: 27586, Start Num: 24
Candidate Starts for MetalQZJ_32:
(9, 25937), (Start: 24 @26102 has 237 MA's), (Start: 33 @26183 has 1 MA's), (40, 26249), (Start: 53 @26315 has 1 MA's), (58, 26342), (82, 26531), (91, 26576), (104, 26681), (116, 26762), (117, 26765), (130, 26876), (133, 26903), (135, 26936), (152, 27113), (156, 27155), (159, 27173), (165, 27209), (168, 27251), (178, 27365), (179, 27368), (185, 27401), (196, 27455), (199, 27482), (210, 27557),

Gene: Michley_32 Start: 25799, Stop: 27289, Start Num: 24
Candidate Starts for Michley_32:
(1, 25541), (8, 25625), (9, 25634), (13, 25682), (Start: 24 @25799 has 237 MA's), (Start: 28 @25826 has 1 MA's), (Start: 33 @25880 has 1 MA's), (40, 25946), (Start: 53 @26012 has 1 MA's), (56, 26030), (63, 26063), (71, 26114), (82, 26228), (86, 26246), (88, 26249), (106, 26396), (118, 26468), (123, 26519), (133, 26612), (135, 26645), (137, 26681), (145, 26762), (147, 26777), (152, 26822), (158, 26870), (159, 26882), (168, 26960), (172, 27035), (179, 27077), (211, 27272),

Gene: MikeLiesIn_174 Start: 96081, Stop: 97157, Start Num: 54
Candidate Starts for MikeLiesIn_174:
(Start: 54 @96081 has 192 MA's), (63, 96123), (64, 96126), (65, 96138), (70, 96162), (71, 96165), (78, 96222), (79, 96240), (84, 96294), (97, 96384), (101, 96405), (102, 96408), (113, 96504), (120, 96555), (130, 96636), (133, 96663), (150, 96795), (152, 96807), (153, 96816), (155, 96837), (166, 96900), (169, 96942), (174, 97011), (176, 97035), (179, 97047), (181, 97056), (184, 97077), (189, 97095), (190, 97101), (194, 97128),

Gene: Mikro_171 Start: 96881, Stop: 97957, Start Num: 54
Candidate Starts for Mikro_171:
(Start: 54 @96881 has 192 MA's), (63, 96923), (64, 96926), (65, 96938), (70, 96962), (71, 96965), (78, 97022), (79, 97040), (84, 97094), (97, 97184), (101, 97205), (102, 97208), (113, 97304), (120, 97355), (130, 97436), (133, 97463), (150, 97595), (152, 97607), (153, 97616), (155, 97637), (166, 97700), (169, 97742), (174, 97811), (176, 97835), (179, 97847), (181, 97856), (184, 97877), (189, 97895), (190, 97901), (194, 97928),

Gene: MilleFeuille_31 Start: 25787, Stop: 27265, Start Num: 24
Candidate Starts for MilleFeuille_31:
(9, 25622), (13, 25670), (Start: 24 @25787 has 237 MA's), (Start: 28 @25814 has 1 MA's), (31, 25850), (Start: 33 @25868 has 1 MA's), (40, 25934), (Start: 53 @26000 has 1 MA's), (58, 26027), (82, 26216), (100, 26336), (104, 26366), (116, 26447), (117, 26450), (130, 26561), (133, 26588), (135, 26621), (158, 26846), (159, 26858), (168, 26936), (178, 27050), (211, 27248),

Gene: Mkhuseli_33 Start: 26078, Stop: 27487, Start Num: 33
Candidate Starts for Mkhuseli_33:
(9, 25832), (Start: 24 @25997 has 237 MA's), (29, 26039), (31, 26060), (Start: 33 @26078 has 1 MA's), (40, 26144), (58, 26237), (59, 26240), (64, 26264), (65, 26276), (71, 26312), (82, 26426), (98, 26534), (118, 26666), (123, 26717), (133, 26810), (135, 26843), (137, 26879), (145, 26960), (147, 26975), (152, 27020), (158, 27068), (159, 27080), (168, 27158), (172, 27233), (179, 27275), (211, 27470),

Gene: MoMoMixon_171 Start: 94709, Stop: 95785, Start Num: 54
Candidate Starts for MoMoMixon_171:
(Start: 54 @94709 has 192 MA's), (63, 94751), (64, 94754), (65, 94766), (70, 94790), (71, 94793), (78, 94850), (79, 94868), (84, 94922), (97, 95012), (101, 95033), (102, 95036), (113, 95132), (120, 95183), (130, 95264), (133, 95291), (150, 95423), (152, 95435), (153, 95444), (155, 95465), (166, 95528), (169, 95570), (174, 95639), (176, 95663), (179, 95675), (181, 95684), (184, 95705), (189, 95723), (190, 95729), (194, 95756),

Gene: Moby_168 Start: 93771, Stop: 94847, Start Num: 54
Candidate Starts for Moby_168:
(Start: 54 @93771 has 192 MA's), (63, 93813), (64, 93816), (65, 93828), (70, 93852), (71, 93855), (78, 93912), (79, 93930), (84, 93984), (97, 94074), (101, 94095), (102, 94098), (113, 94194), (120, 94245), (130, 94326), (133, 94353), (150, 94485), (152, 94497), (153, 94506), (155, 94527), (166, 94590), (169, 94632), (174, 94701), (176, 94725), (179, 94737), (181, 94746), (184, 94767), (189, 94785), (190, 94791), (194, 94818),

Gene: Moiqah_167 Start: 93748, Stop: 94824, Start Num: 54
Candidate Starts for Moiqah_167:
(Start: 54 @93748 has 192 MA's), (63, 93790), (64, 93793), (65, 93805), (70, 93829), (71, 93832), (78, 93889), (79, 93907), (84, 93961), (97, 94051), (101, 94072), (102, 94075), (113, 94171), (120, 94222), (130, 94303), (133, 94330), (150, 94462), (152, 94474), (153, 94483), (155, 94504), (166, 94567), (169, 94609), (174, 94678), (176, 94702), (179, 94714), (181, 94723), (184, 94744), (189, 94762), (190, 94768), (194, 94795),

Gene: Molly_33 Start: 25770, Stop: 27248, Start Num: 24
Candidate Starts for Molly_33:
(1, 25512), (9, 25605), (13, 25653), (Start: 24 @25770 has 237 MA's), (Start: 28 @25797 has 1 MA's), (Start: 33 @25851 has 1 MA's), (40, 25917), (Start: 53 @25983 has 1 MA's), (58, 26010), (82, 26199), (104, 26349), (116, 26430), (117, 26433), (130, 26544), (133, 26571), (135, 26604), (158, 26829), (159, 26841), (168, 26919), (178, 27033), (211, 27231),

Gene: Momo_173 Start: 94447, Stop: 95523, Start Num: 54
Candidate Starts for Momo_173:
(Start: 54 @94447 has 192 MA's), (63, 94489), (64, 94492), (65, 94504), (70, 94528), (71, 94531), (78, 94588), (79, 94606), (84, 94660), (97, 94750), (101, 94771), (102, 94774), (113, 94870), (120, 94921), (130, 95002), (133, 95029), (150, 95161), (152, 95173), (153, 95182), (155, 95203), (166, 95266), (169, 95308), (174, 95377), (176, 95401), (179, 95413), (181, 95422), (184, 95443), (189, 95461), (190, 95467), (194, 95494),

Gene: Monet_34 Start: 27198, Stop: 28676, Start Num: 24
Candidate Starts for Monet_34:
(9, 27033), (13, 27081), (Start: 24 @27198 has 237 MA's), (Start: 28 @27225 has 1 MA's), (Start: 33 @27279 has 1 MA's), (40, 27345), (45, 27375), (Start: 53 @27411 has 1 MA's), (56, 27429), (58, 27438), (82, 27627), (91, 27672), (104, 27777), (116, 27858), (117, 27861), (130, 27972), (133, 27999), (135, 28032), (158, 28257), (159, 28269), (168, 28347), (178, 28461), (211, 28659),

Gene: Montpel_171 Start: 96571, Stop: 97647, Start Num: 54
Candidate Starts for Montpel_171:
(Start: 54 @96571 has 192 MA's), (63, 96613), (64, 96616), (65, 96628), (70, 96652), (71, 96655), (78, 96712), (79, 96730), (84, 96784), (97, 96874), (101, 96895), (102, 96898), (113, 96994), (120, 97045), (130, 97126), (133, 97153), (150, 97285), (152, 97297), (153, 97306), (155, 97327), (166, 97390), (169, 97432), (174, 97501), (176, 97525), (179, 97537), (181, 97546), (184, 97567), (189, 97585), (190, 97591), (194, 97618),

Gene: Moose_32 Start: 26174, Stop: 27658, Start Num: 24
Candidate Starts for Moose_32:
(Start: 24 @26174 has 237 MA's), (Start: 28 @26201 has 1 MA's), (31, 26237), (Start: 33 @26255 has 1 MA's), (40, 26321), (Start: 53 @26387 has 1 MA's), (65, 26453), (82, 26603), (104, 26753), (116, 26834), (117, 26837), (130, 26948), (133, 26975), (135, 27008), (152, 27185), (156, 27227), (159, 27245), (165, 27281), (168, 27323), (178, 27437), (179, 27440), (185, 27473), (196, 27527), (199, 27554), (210, 27629),

Gene: Mori_59 Start: 38640, Stop: 40130, Start Num: 23
Candidate Starts for Mori_59:
(Start: 23 @38640 has 34 MA's), (29, 38682), (43, 38811), (52, 38850), (64, 38907), (80, 39027), (82, 39063), (86, 39081), (95, 39138), (96, 39147), (100, 39183), (101, 39186), (102, 39189), (106, 39231), (113, 39276), (118, 39303), (136, 39495), (147, 39612), (154, 39669), (159, 39717), (168, 39795), (172, 39870), (178, 39909), (185, 39939), (195, 39987), (204, 40056),

Gene: Morizzled23_172 Start: 94605, Stop: 95681, Start Num: 54
Candidate Starts for Morizzled23_172:
(Start: 54 @94605 has 192 MA's), (63, 94647), (64, 94650), (65, 94662), (70, 94686), (71, 94689), (78, 94746), (79, 94764), (84, 94818), (97, 94908), (101, 94929), (102, 94932), (113, 95028), (120, 95079), (130, 95160), (133, 95187), (150, 95319), (152, 95331), (153, 95340), (155, 95361), (166, 95424), (169, 95466), (174, 95535), (176, 95559), (179, 95571), (181, 95580), (184, 95601), (189, 95619), (190, 95625), (194, 95652),

Gene: MrGordo_32 Start: 25662, Stop: 27152, Start Num: 24
Candidate Starts for MrGordo_32:
(1, 25404), (9, 25497), (Start: 24 @25662 has 237 MA's), (Start: 28 @25689 has 1 MA's), (Start: 33 @25743 has 1 MA's), (40, 25809), (59, 25905), (64, 25929), (65, 25941), (71, 25977), (82, 26091), (98, 26199), (118, 26331), (123, 26382), (133, 26475), (135, 26508), (145, 26625), (147, 26640), (152, 26685), (159, 26745), (168, 26823), (172, 26898), (179, 26940), (211, 27135),

Gene: MrMiyagi_25 Start: 24064, Stop: 25275, Start Num: 35
Candidate Starts for MrMiyagi_25:
(Start: 35 @24064 has 12 MA's), (38, 24091), (50, 24175), (56, 24208), (65, 24256), (70, 24280), (74, 24292), (75, 24304), (76, 24313), (79, 24355), (89, 24421), (92, 24448), (94, 24466), (95, 24472), (100, 24517), (102, 24523), (118, 24646), (123, 24697), (124, 24703), (133, 24781), (139, 24811), (150, 24877), (153, 24898), (163, 24964), (175, 25120), (177, 25138), (193, 25222), (194, 25234), (198, 25255),

Gene: Mryolo_31 Start: 25699, Stop: 27183, Start Num: 24
Candidate Starts for Mryolo_31:
(1, 25441), (9, 25534), (13, 25582), (Start: 24 @25699 has 237 MA's), (Start: 28 @25726 has 1 MA's), (Start: 33 @25780 has 1 MA's), (40, 25846), (Start: 53 @25912 has 1 MA's), (82, 26128), (104, 26278), (116, 26359), (117, 26362), (130, 26473), (133, 26500), (135, 26533), (152, 26710), (156, 26752), (159, 26770), (165, 26806), (168, 26848), (178, 26962), (179, 26965), (185, 26998), (196, 27052), (199, 27079), (210, 27154),

Gene: Mule_32 Start: 26008, Stop: 27486, Start Num: 24
Candidate Starts for Mule_32:
(Start: 24 @26008 has 237 MA's), (Start: 28 @26035 has 1 MA's), (Start: 33 @26089 has 1 MA's), (40, 26155), (Start: 53 @26221 has 1 MA's), (58, 26248), (82, 26437), (91, 26482), (104, 26587), (116, 26668), (117, 26671), (130, 26782), (133, 26809), (135, 26842), (158, 27067), (159, 27079), (168, 27157), (178, 27271), (211, 27469),

Gene: Murai_60 Start: 38821, Stop: 40311, Start Num: 23
Candidate Starts for Murai_60:
(Start: 23 @38821 has 34 MA's), (29, 38863), (43, 38992), (52, 39031), (64, 39088), (80, 39208), (82, 39244), (86, 39262), (95, 39319), (96, 39328), (100, 39364), (101, 39367), (102, 39370), (106, 39412), (113, 39457), (118, 39484), (136, 39676), (147, 39793), (154, 39850), (159, 39898), (168, 39976), (172, 40051), (178, 40090), (185, 40120), (195, 40168), (204, 40237),

Gene: Museum_34 Start: 26018, Stop: 27496, Start Num: 24
Candidate Starts for Museum_34:
(Start: 24 @26018 has 237 MA's), (Start: 28 @26045 has 1 MA's), (31, 26081), (Start: 33 @26099 has 1 MA's), (40, 26165), (Start: 53 @26231 has 1 MA's), (58, 26258), (82, 26447), (104, 26597), (116, 26678), (117, 26681), (130, 26792), (133, 26819), (135, 26852), (152, 27029), (158, 27077), (159, 27089), (168, 27167), (178, 27281), (211, 27479),

Gene: NEHalo_32 Start: 25756, Stop: 27234, Start Num: 24
Candidate Starts for NEHalo_32:
(Start: 24 @25756 has 237 MA's), (Start: 28 @25783 has 1 MA's), (Start: 33 @25837 has 1 MA's), (40, 25903), (Start: 53 @25969 has 1 MA's), (58, 25996), (82, 26185), (91, 26230), (104, 26335), (116, 26416), (117, 26419), (130, 26530), (133, 26557), (135, 26590), (158, 26815), (159, 26827), (168, 26905), (178, 27019), (211, 27217),

Gene: Naija_174 Start: 95150, Stop: 96226, Start Num: 54
Candidate Starts for Naija_174:
(Start: 54 @95150 has 192 MA's), (63, 95192), (64, 95195), (65, 95207), (70, 95231), (71, 95234), (78, 95291), (79, 95309), (84, 95363), (97, 95453), (101, 95474), (102, 95477), (113, 95573), (120, 95624), (130, 95705), (133, 95732), (150, 95864), (152, 95876), (153, 95885), (155, 95906), (166, 95969), (169, 96011), (174, 96080), (176, 96104), (179, 96116), (181, 96125), (184, 96146), (189, 96164), (190, 96170), (194, 96197),

Gene: Naira_33 Start: 27615, Stop: 29093, Start Num: 24
Candidate Starts for Naira_33:
(8, 27441), (9, 27450), (13, 27498), (Start: 24 @27615 has 237 MA's), (Start: 28 @27642 has 1 MA's), (Start: 33 @27696 has 1 MA's), (40, 27762), (Start: 53 @27828 has 1 MA's), (58, 27855), (59, 27858), (82, 28044), (104, 28194), (116, 28275), (117, 28278), (130, 28389), (133, 28416), (135, 28449), (158, 28674), (159, 28686), (168, 28764), (178, 28878), (211, 29076),

Gene: Napoleon13_171 Start: 94410, Stop: 95486, Start Num: 54

Candidate Starts for Napoleon13_171:
(Start: 54 @94410 has 192 MA's), (63, 94452), (64, 94455), (65, 94467), (70, 94491), (71, 94494), (78, 94551), (79, 94569), (84, 94623), (97, 94713), (101, 94734), (102, 94737), (113, 94833), (120, 94884), (130, 94965), (133, 94992), (150, 95124), (152, 95136), (153, 95145), (155, 95166), (166, 95229), (169, 95271), (174, 95340), (176, 95364), (179, 95376), (181, 95385), (184, 95406), (189, 95424), (190, 95430), (194, 95457),

Gene: Nappy_174 Start: 96273, Stop: 97349, Start Num: 54
Candidate Starts for Nappy_174:
(Start: 54 @96273 has 192 MA's), (63, 96315), (64, 96318), (65, 96330), (70, 96354), (71, 96357), (78, 96414), (79, 96432), (84, 96486), (97, 96576), (101, 96597), (102, 96600), (113, 96696), (120, 96747), (130, 96828), (133, 96855), (150, 96987), (152, 96999), (153, 97008), (155, 97029), (166, 97092), (169, 97134), (174, 97203), (176, 97227), (179, 97239), (181, 97248), (184, 97269), (189, 97287), (190, 97293), (194, 97320),

Gene: Naval22_180 Start: 96676, Stop: 97752, Start Num: 54
Candidate Starts for Naval22_180:
(Start: 54 @96676 has 192 MA's), (63, 96718), (64, 96721), (65, 96733), (70, 96757), (71, 96760), (78, 96817), (79, 96835), (84, 96889), (97, 96979), (101, 97000), (102, 97003), (113, 97099), (120, 97150), (130, 97231), (133, 97258), (150, 97390), (152, 97402), (153, 97411), (155, 97432), (166, 97495), (169, 97537), (174, 97606), (176, 97630), (179, 97642), (181, 97651), (184, 97672), (189, 97690), (190, 97696), (194, 97723),

Gene: NedWong_172 Start: 95332, Stop: 96408, Start Num: 54
Candidate Starts for NedWong_172:
(Start: 54 @95332 has 192 MA's), (63, 95374), (64, 95377), (65, 95389), (70, 95413), (71, 95416), (78, 95473), (79, 95491), (84, 95545), (97, 95635), (101, 95656), (102, 95659), (113, 95755), (120, 95806), (130, 95887), (133, 95914), (150, 96046), (152, 96058), (153, 96067), (155, 96088), (166, 96151), (169, 96193), (174, 96262), (176, 96286), (179, 96298), (181, 96307), (184, 96328), (189, 96346), (190, 96352), (194, 96379),

Gene: Nekros_37 Start: 31659, Stop: 33170, Start Num: 24
Candidate Starts for Nekros_37:
(Start: 24 @31659 has 237 MA's), (29, 31701), (46, 31839), (63, 31935), (65, 31950), (79, 32058), (82, 32100), (93, 32163), (98, 32208), (118, 32340), (119, 32355), (140, 32577), (147, 32649), (152, 32694), (156, 32736), (159, 32754), (160, 32760), (165, 32790), (168, 32832), (171, 32880), (173, 32910), (179, 32949), (187, 32988), (196, 33036), (200, 33066), (203, 33081),

Gene: Nerujay_33 Start: 26424, Stop: 27902, Start Num: 24
Candidate Starts for Nerujay_33:
(9, 26259), (Start: 24 @26424 has 237 MA's), (Start: 28 @26451 has 1 MA's), (Start: 33 @26505 has 1 MA's), (40, 26571), (Start: 53 @26637 has 1 MA's), (58, 26664), (82, 26853), (104, 27003), (116, 27084), (117, 27087), (130, 27198), (133, 27225), (135, 27258), (158, 27483), (159, 27495), (168, 27573), (178, 27687), (211, 27885),

Gene: Ngannou_171 Start: 93429, Stop: 94505, Start Num: 54
Candidate Starts for Ngannou_171:
(Start: 54 @93429 has 192 MA's), (63, 93471), (64, 93474), (65, 93486), (70, 93510), (71, 93513), (78, 93570), (79, 93588), (84, 93642), (97, 93732), (101, 93753), (102, 93756), (113, 93852), (120, 93903), (130, 93984), (133, 94011), (150, 94143), (152, 94155), (153, 94164), (155, 94185), (166, 94248), (169, 94290), (174, 94359), (176, 94383), (179, 94395), (181, 94404), (184, 94425), (189, 94443), (190, 94449), (194, 94476),

Gene: Nhonho_32 Start: 26175, Stop: 27653, Start Num: 24
Candidate Starts for Nhonho_32:
(9, 26010), (11, 26022), (13, 26058), (21, 26121), (Start: 24 @26175 has 237 MA's), (Start: 28 @26202 has 1 MA's), (31, 26238), (Start: 33 @26256 has 1 MA's), (40, 26322), (Start: 53 @26388 has 1 MA's), (58, 26415), (82, 26604), (91, 26649), (104, 26754), (116, 26835), (117, 26838), (130, 26949), (133, 26976), (135, 27009), (152, 27186), (158, 27234), (159, 27246), (168, 27324), (178, 27438), (201, 27564), (211, 27636),

Gene: Nidhogg_174 Start: 95725, Stop: 96801, Start Num: 54
Candidate Starts for Nidhogg_174:
(Start: 54 @95725 has 192 MA's), (63, 95767), (64, 95770), (65, 95782), (70, 95806), (71, 95809), (78, 95866), (79, 95884), (84, 95938), (97, 96028), (101, 96049), (102, 96052), (113, 96148), (120, 96199), (130, 96280), (133, 96307), (150, 96439), (152, 96451), (153, 96460), (155, 96481), (166, 96544), (169, 96586), (174, 96655), (176, 96679), (179, 96691), (181, 96700), (184, 96721), (189, 96739), (190, 96745), (194, 96772),

Gene: NiebruSaylor_58 Start: 38028, Stop: 39518, Start Num: 23
Candidate Starts for NiebruSaylor_58:
(Start: 23 @38028 has 34 MA's), (29, 38070), (43, 38199), (52, 38238), (64, 38295), (80, 38415), (82, 38451), (86, 38469), (95, 38526), (96, 38535), (100, 38571), (101, 38574), (102, 38577), (106, 38619), (113, 38664), (118, 38691), (136, 38883), (147, 39000), (154, 39057), (159, 39105), (168, 39183), (172, 39258), (178, 39297), (185, 39327), (195, 39375), (204, 39444),

Gene: NihilNomen_39 Start: 32191, Stop: 33693, Start Num: 24
Candidate Starts for NihilNomen_39:
(7, 32002), (8, 32020), (10, 32038), (11, 32041), (18, 32122), (19, 32131), (Start: 24 @32191 has 237 MA's), (26, 32203), (30, 32239), (31, 32254), (32, 32257), (59, 32440), (64, 32464), (65, 32476), (67, 32494), (79, 32578), (82, 32620), (94, 32689), (113, 32833), (118, 32860), (121, 32905), (123, 32911), (125, 32920), (129, 32977), (133, 33007), (140, 33100), (152, 33217), (157, 33262), (159, 33277), (160, 33283), (165, 33313), (168, 33355), (176, 33460), (185, 33505), (187, 33511), (196, 33559), (200, 33589), (205, 33619), (208, 33628),

Gene: Nish23_31 Start: 28524, Stop: 29732, Start Num: 35
Candidate Starts for Nish23_31:
(Start: 35 @28524 has 12 MA's), (38, 28551), (41, 28590), (62, 28692), (65, 28716), (84, 28869), (89, 28881), (98, 28965), (99, 28974), (100, 28977), (102, 28983), (106, 29022), (107, 29025), (118, 29106), (124, 29163), (133, 29241), (139, 29271), (148, 29316), (150, 29337), (151, 29340), (153, 29358), (154, 29361), (170, 29502), (176, 29589), (177, 29595), (186, 29649), (194, 29691),

Gene: Niza_34 Start: 27052, Stop: 28530, Start Num: 24
Candidate Starts for Niza_34:
(8, 26878), (9, 26887), (13, 26935), (Start: 24 @27052 has 237 MA's), (Start: 28 @27079 has 1 MA's), (31, 27115), (Start: 33 @27133 has 1 MA's), (40, 27199), (45, 27229), (Start: 53 @27265 has 1 MA's), (58, 27292), (82, 27481), (104, 27631), (116, 27712), (117, 27715), (130, 27826), (133, 27853), (135, 27886), (158, 28111), (159, 28123), (168, 28201), (178, 28315), (211, 28513),

Gene: NoodleTree_179 Start: 95632, Stop: 96708, Start Num: 54
Candidate Starts for NoodleTree_179:
(Start: 54 @95632 has 192 MA's), (63, 95674), (64, 95677), (65, 95689), (70, 95713), (71, 95716), (78, 95773), (79, 95791), (84, 95845), (97, 95935), (101, 95956), (102, 95959), (113, 96055), (120, 96106), (130, 96187), (133, 96214), (150, 96346), (152, 96358), (153, 96367), (155, 96388), (166, 96451), (169, 96493), (174, 96562), (176, 96586), (179, 96598), (181, 96607), (184, 96628), (189, 96646), (190, 96652), (194, 96679),

Gene: Norm_173 Start: 95891, Stop: 96967, Start Num: 54
Candidate Starts for Norm_173:
(Start: 54 @95891 has 192 MA's), (63, 95933), (64, 95936), (65, 95948), (70, 95972), (71, 95975), (78, 96032), (79, 96050), (84, 96104), (97, 96194), (101, 96215), (102, 96218), (113, 96314), (120, 96365), (130, 96446), (133, 96473), (150, 96605), (152, 96617), (153, 96626), (155, 96647), (166, 96710), (169, 96752), (174, 96821), (176, 96845), (179, 96857), (181, 96866), (184, 96887), (189, 96905), (190, 96911), (194, 96938),

Gene: Norz_34 Start: 26831, Stop: 28303, Start Num: 24
Candidate Starts for Norz_34:
(Start: 24 @26831 has 237 MA's), (Start: 28 @26858 has 1 MA's), (Start: 33 @26912 has 1 MA's), (40, 26978), (Start: 53 @27044 has 1 MA's), (82, 27260), (104, 27410), (116, 27491), (117, 27494), (130, 27605), (133, 27632), (135, 27665), (158, 27890), (159, 27902), (168, 27980), (178, 28094), (211, 28286),

Gene: Noxious_35 Start: 27460, Stop: 28944, Start Num: 24
Candidate Starts for Noxious_35:
(Start: 24 @27460 has 237 MA's), (Start: 28 @27487 has 1 MA's), (31, 27523), (Start: 33 @27541 has 1 MA's), (40, 27607), (58, 27700), (82, 27889), (104, 28039), (116, 28120), (117, 28123), (130, 28234), (133, 28261), (135, 28294), (152, 28471), (156, 28513), (159, 28531), (165, 28567), (168, 28609), (178, 28723), (179, 28726), (185, 28759), (196, 28813), (199, 28840), (210, 28915),

Gene: NuevoMundo_178 Start: 97821, Stop: 98897, Start Num: 54
Candidate Starts for NuevoMundo_178:
(Start: 54 @97821 has 192 MA's), (63, 97863), (64, 97866), (65, 97878), (70, 97902), (71, 97905), (78, 97962), (79, 97980), (84, 98034), (97, 98124), (101, 98145), (102, 98148), (113, 98244), (120, 98295), (130, 98376), (133, 98403), (150, 98535), (152, 98547), (153, 98556), (155, 98577), (166, 98640), (169, 98682), (174, 98751), (176, 98775), (179, 98787), (181, 98796), (184, 98817), (189, 98835), (190, 98841), (194, 98868),

Gene: Oaker_30 Start: 28782, Stop: 29990, Start Num: 35
Candidate Starts for Oaker_30:
(Start: 35 @28782 has 12 MA's), (38, 28809), (41, 28848), (62, 28950), (65, 28974), (84, 29127), (89, 29139), (90, 29157), (98, 29223), (99, 29232), (100, 29235), (102, 29241), (106, 29280), (107, 29283), (118, 29364), (124, 29421), (133, 29499), (139, 29529), (148, 29574), (150, 29595), (151, 29598), (153, 29616), (154, 29619), (170, 29760), (176, 29847), (177, 29853), (186, 29907), (194, 29949),

Gene: Odette_39 Start: 31424, Stop: 32926, Start Num: 24
Candidate Starts for Odette_39:
(7, 31235), (8, 31253), (10, 31271), (11, 31274), (18, 31355), (19, 31364), (Start: 24 @31424 has 237 MA's), (26, 31436), (30, 31472), (31, 31487), (32, 31490), (59, 31673), (64, 31697), (65, 31709), (67, 31727), (79, 31811), (82, 31853), (94, 31922), (113, 32066), (118, 32093), (121, 32138), (123, 32144), (125, 32153), (129, 32210), (133, 32240), (140, 32333), (152, 32450), (157, 32495), (159, 32510), (160, 32516), (165, 32546), (168, 32588), (176, 32693), (185, 32738), (187, 32744), (196, 32792), (200, 32822), (205, 32852), (208, 32861),

Gene: Ohno789_32 Start: 25817, Stop: 27295, Start Num: 24
Candidate Starts for Ohno789_32:
(Start: 24 @25817 has 237 MA's), (Start: 33 @25898 has 1 MA's), (40, 25964), (Start: 53 @26030 has 1 MA's), (56, 26048), (58, 26057), (82, 26246), (104, 26396), (116, 26477), (117, 26480), (130, 26591), (133, 26618), (135, 26651), (158, 26876), (159, 26888), (168, 26966), (178, 27080), (205, 27230), (211, 27278),

Gene: Oogway_31 Start: 25939, Stop: 27417, Start Num: 24
Candidate Starts for Oogway_31:
(Start: 24 @25939 has 237 MA's), (31, 26002), (Start: 33 @26020 has 1 MA's), (40, 26086), (Start: 53 @26152 has 1 MA's), (58, 26179), (82, 26368), (104, 26518), (116, 26599), (117, 26602), (130, 26713), (133, 26740), (135, 26773), (158, 26998), (159, 27010), (168, 27088), (178, 27202), (211, 27400),

Gene: OrediggerDelux_175 Start: 96423, Stop: 97499, Start Num: 54
Candidate Starts for OrediggerDelux_175:
(Start: 54 @96423 has 192 MA's), (63, 96465), (64, 96468), (65, 96480), (70, 96504), (71, 96507), (78, 96564), (79, 96582), (84, 96636), (97, 96726), (101, 96747), (102, 96750), (113, 96846), (120, 96897), (130, 96978), (133, 97005), (150, 97137), (152, 97149), (153, 97158), (155, 97179), (166, 97242), (169, 97284), (174, 97353), (176, 97377), (179, 97389), (181, 97398), (184, 97419), (189, 97437), (190, 97443), (194, 97470),

Gene: PSullivan_34 Start: 26487, Stop: 27731, Start Num: 24
Candidate Starts for PSullivan_34:
(9, 26322), (13, 26370), (Start: 24 @26487 has 237 MA's), (Start: 28 @26514 has 1 MA's), (Start: 33 @26568 has 1 MA's), (40, 26634), (Start: 53 @26700 has 1 MA's), (58, 26727), (82, 26916), (104, 27066), (116, 27147), (117, 27150), (130, 27261), (133, 27288), (135, 27321), (158, 27546), (159, 27558), (168, 27636),

Gene: PacerPaul_32 Start: 26171, Stop: 27649, Start Num: 24
Candidate Starts for PacerPaul_32:
(Start: 24 @26171 has 237 MA's), (Start: 28 @26198 has 1 MA's), (Start: 33 @26252 has 1 MA's), (40, 26318), (Start: 53 @26384 has 1 MA's), (58, 26411), (82, 26600), (91, 26645), (104, 26750), (116, 26831), (117, 26834), (130, 26945), (133, 26972), (135, 27005), (152, 27182), (158, 27230), (159, 27242), (168, 27320), (178, 27434), (211, 27632),

Gene: PaintedDog_21 Start: 21059, Stop: 22549, Start Num: 24
Candidate Starts for PaintedDog_21:
(Start: 24 @21059 has 237 MA's), (29, 21101), (34, 21146), (Start: 36 @21158 has 3 MA's), (43, 21230), (82, 21482), (85, 21497), (86, 21500), (88, 21503), (94, 21551), (101, 21605), (102, 21608), (104, 21632), (106, 21650), (113, 21695), (122, 21770), (129, 21836), (133, 21866), (138, 21941), (159, 22136), (161, 22145), (164, 22157), (168, 22214), (172, 22289), (198, 22424), (203, 22460), (210, 22520),

Gene: Papez_34 Start: 27655, Stop: 29139, Start Num: 24
Candidate Starts for Papez_34:
(5, 27439), (9, 27490), (Start: 24 @27655 has 237 MA's), (Start: 33 @27736 has 1 MA's), (40, 27802), (Start: 53 @27868 has 1 MA's), (82, 28084), (104, 28234), (116, 28315), (117, 28318), (130, 28429), (133, 28456), (135, 28489), (152, 28666), (156, 28708), (159, 28726), (165, 28762), (168, 28804), (178, 28918), (179, 28921), (185, 28954), (196, 29008), (199, 29035), (202, 29050), (210, 29110),

Gene: Paphu_31 Start: 25687, Stop: 27165, Start Num: 24
Candidate Starts for Paphu_31:
(1, 25429), (8, 25513), (9, 25522), (13, 25570), (Start: 24 @25687 has 237 MA's), (Start: 28 @25714 has 1 MA's), (Start: 33 @25768 has 1 MA's), (40, 25834), (Start: 53 @25900 has 1 MA's), (58, 25927), (82, 26116), (104, 26266), (116, 26347), (117, 26350), (130, 26461), (133, 26488), (135, 26521), (158, 26746), (159, 26758), (168, 26836), (178, 26950), (211, 27148),

Gene: Paraselene_31 Start: 26159, Stop: 27637, Start Num: 24

Candidate Starts for Paraselene_31:
(9, 25994), (13, 26042), (21, 26105), (Start: 24 @26159 has 237 MA's), (Start: 28 @26186 has 1 MA's), (Start: 33 @26240 has 1 MA's), (40, 26306), (48, 26345), (Start: 53 @26372 has 1 MA's), (58, 26399), (82, 26588), (104, 26738), (116, 26819), (117, 26822), (130, 26933), (133, 26960), (135, 26993), (158, 27218), (159, 27230), (168, 27308), (178, 27422), (211, 27620),

Gene: Pari_33 Start: 25691, Stop: 27169, Start Num: 24
Candidate Starts for Pari_33:
(Start: 24 @25691 has 237 MA's), (Start: 28 @25718 has 1 MA's), (Start: 33 @25772 has 1 MA's), (40, 25838), (Start: 53 @25904 has 1 MA's), (58, 25931), (82, 26120), (104, 26270), (117, 26354), (130, 26465), (133, 26492), (135, 26525), (158, 26750), (159, 26762), (168, 26840), (178, 26954), (211, 27152),

Gene: ParkTD_172 Start: 95195, Stop: 96271, Start Num: 54
Candidate Starts for ParkTD_172:
(Start: 54 @95195 has 192 MA's), (63, 95237), (64, 95240), (65, 95252), (70, 95276), (71, 95279), (78, 95336), (79, 95354), (84, 95408), (97, 95498), (101, 95519), (102, 95522), (113, 95618), (120, 95669), (130, 95750), (133, 95777), (150, 95909), (152, 95921), (153, 95930), (155, 95951), (166, 96014), (169, 96056), (174, 96125), (176, 96149), (179, 96161), (181, 96170), (184, 96191), (189, 96209), (190, 96215), (194, 96242),

Gene: Parliament_31 Start: 26026, Stop: 27504, Start Num: 24
Candidate Starts for Parliament_31:
(Start: 24 @26026 has 237 MA's), (Start: 28 @26053 has 1 MA's), (31, 26089), (Start: 33 @26107 has 1 MA's), (40, 26173), (Start: 53 @26239 has 1 MA's), (58, 26266), (82, 26455), (104, 26605), (116, 26686), (117, 26689), (130, 26800), (133, 26827), (135, 26860), (159, 27097), (168, 27175), (178, 27289), (211, 27487),

Gene: PascalRango_33 Start: 25994, Stop: 27472, Start Num: 24
Candidate Starts for PascalRango_33:
(Start: 24 @25994 has 237 MA's), (Start: 28 @26021 has 1 MA's), (31, 26057), (Start: 33 @26075 has 1 MA's), (40, 26141), (Start: 53 @26207 has 1 MA's), (58, 26234), (82, 26423), (104, 26573), (116, 26654), (117, 26657), (130, 26768), (133, 26795), (135, 26828), (158, 27053), (159, 27065), (168, 27143), (178, 27257), (211, 27455),

Gene: Patter_174 Start: 94464, Stop: 95540, Start Num: 54
Candidate Starts for Patter_174:
(Start: 54 @94464 has 192 MA's), (63, 94506), (64, 94509), (65, 94521), (70, 94545), (71, 94548), (78, 94605), (79, 94623), (84, 94677), (97, 94767), (101, 94788), (102, 94791), (113, 94887), (120, 94938), (130, 95019), (133, 95046), (150, 95178), (152, 95190), (153, 95199), (155, 95220), (166, 95283), (169, 95325), (174, 95394), (176, 95418), (179, 95430), (181, 95439), (184, 95460), (189, 95478), (190, 95484), (194, 95511),

Gene: PattyP_34 Start: 26227, Stop: 27705, Start Num: 24
Candidate Starts for PattyP_34:
(1, 25969), (9, 26062), (13, 26110), (Start: 24 @26227 has 237 MA's), (Start: 28 @26254 has 1 MA's), (Start: 33 @26308 has 1 MA's), (40, 26374), (Start: 53 @26440 has 1 MA's), (58, 26467), (82, 26656), (91, 26701), (104, 26806), (116, 26887), (117, 26890), (130, 27001), (133, 27028), (135, 27061), (158, 27286), (159, 27298), (168, 27376), (178, 27490), (211, 27688),

Gene: Payneful_32 Start: 25475, Stop: 26953, Start Num: 24
Candidate Starts for Payneful_32:

(8, 25301), (9, 25310), (13, 25358), (Start: 24 @25475 has 237 MA's), (Start: 28 @25502 has 1 MA's), (Start: 33 @25556 has 1 MA's), (40, 25622), (Start: 53 @25688 has 1 MA's), (82, 25904), (104, 26054), (130, 26249), (133, 26276), (135, 26309), (158, 26534), (159, 26546), (168, 26624), (178, 26738), (201, 26864), (211, 26936),

Gene: Pelly_33 Start: 26646, Stop: 28127, Start Num: 24
Candidate Starts for Pelly_33:
(9, 26481), (Start: 24 @26646 has 237 MA's), (Start: 28 @26673 has 1 MA's), (31, 26709), (Start: 33 @26727 has 1 MA's), (40, 26793), (45, 26823), (48, 26832), (82, 27075), (104, 27225), (116, 27306), (117, 27309), (130, 27420), (133, 27447), (135, 27480), (152, 27657), (156, 27699), (159, 27717), (165, 27753), (168, 27795), (179, 27912), (180, 27915), (196, 27999), (197, 28008),

Gene: Perseus_34 Start: 26843, Stop: 28321, Start Num: 24
Candidate Starts for Perseus_34:
(1, 26585), (9, 26678), (13, 26726), (Start: 24 @26843 has 237 MA's), (Start: 33 @26924 has 1 MA's), (40, 26990), (Start: 53 @27056 has 1 MA's), (56, 27074), (58, 27083), (82, 27272), (104, 27422), (113, 27482), (116, 27503), (117, 27506), (130, 27617), (133, 27644), (135, 27677), (158, 27902), (159, 27914), (168, 27992), (178, 28106), (201, 28232), (211, 28304),

Gene: Peterson_35 Start: 27853, Stop: 29352, Start Num: 23
Candidate Starts for Peterson_35:
(Start: 23 @27853 has 34 MA's), (40, 28000), (50, 28057), (63, 28123), (65, 28138), (71, 28174), (82, 28288), (85, 28303), (88, 28309), (106, 28453), (113, 28498), (122, 28573), (129, 28639), (130, 28642), (135, 28702), (136, 28717), (156, 28921), (158, 28927), (159, 28939), (165, 28975), (168, 29017), (178, 29131), (179, 29134), (180, 29137), (185, 29167), (196, 29221), (199, 29248), (206, 29281),

Gene: Petp2012_34 Start: 26898, Stop: 28376, Start Num: 24
Candidate Starts for Petp2012_34:
(Start: 24 @26898 has 237 MA's), (Start: 28 @26925 has 1 MA's), (31, 26961), (Start: 33 @26979 has 1 MA's), (40, 27045), (Start: 53 @27111 has 1 MA's), (58, 27138), (82, 27327), (104, 27477), (116, 27558), (117, 27561), (130, 27672), (133, 27699), (135, 27732), (152, 27909), (158, 27957), (159, 27969), (168, 28047), (178, 28161), (211, 28359),

Gene: Petruchio_33 Start: 26356, Stop: 27834, Start Num: 24
Candidate Starts for Petruchio_33:
(Start: 24 @26356 has 237 MA's), (31, 26419), (Start: 33 @26437 has 1 MA's), (40, 26503), (Start: 53 @26569 has 1 MA's), (58, 26596), (82, 26785), (104, 26935), (116, 27016), (117, 27019), (130, 27130), (133, 27157), (135, 27190), (158, 27415), (159, 27427), (168, 27505), (178, 27619), (211, 27817),

Gene: PharkleMinkus_175 Start: 95490, Stop: 96566, Start Num: 54
Candidate Starts for PharkleMinkus_175:
(Start: 54 @95490 has 192 MA's), (63, 95532), (64, 95535), (65, 95547), (70, 95571), (71, 95574), (78, 95631), (79, 95649), (84, 95703), (97, 95793), (101, 95814), (102, 95817), (113, 95913), (120, 95964), (130, 96045), (133, 96072), (150, 96204), (152, 96216), (153, 96225), (155, 96246), (166, 96309), (169, 96351), (174, 96420), (176, 96444), (179, 96456), (181, 96465), (184, 96486), (189, 96504), (190, 96510), (194, 96537),

Gene: PherrisBueller_33 Start: 25811, Stop: 27295, Start Num: 24
Candidate Starts for PherrisBueller_33:
(9, 25646), (Start: 24 @25811 has 237 MA's), (Start: 33 @25892 has 1 MA's), (40, 25958), (Start: 53 @26024 has 1 MA's), (58, 26051), (82, 26240), (104, 26390), (116, 26471), (117, 26474), (130,

26585), (133, 26612), (135, 26645), (152, 26822), (156, 26864), (159, 26882), (165, 26918), (168, 26960), (178, 27074), (179, 27077), (185, 27110), (196, 27164), (199, 27191), (210, 27266),

Gene: PhineBark_31 Start: 26702, Stop: 28180, Start Num: 24
Candidate Starts for PhineBark_31:
(8, 26528), (9, 26537), (13, 26585), (Start: 24 @26702 has 237 MA's), (Start: 28 @26729 has 1 MA's), (Start: 33 @26783 has 1 MA's), (40, 26849), (Start: 53 @26915 has 1 MA's), (82, 27131), (104, 27281), (130, 27476), (133, 27503), (135, 27536), (158, 27761), (159, 27773), (168, 27851), (178, 27965), (201, 28091), (211, 28163),

Gene: Phlegm_178 Start: 95150, Stop: 96226, Start Num: 54
Candidate Starts for Phlegm_178:
(Start: 54 @95150 has 192 MA's), (63, 95192), (64, 95195), (65, 95207), (70, 95231), (71, 95234), (78, 95291), (79, 95309), (84, 95363), (97, 95453), (101, 95474), (102, 95477), (113, 95573), (120, 95624), (130, 95705), (133, 95732), (150, 95864), (152, 95876), (153, 95885), (155, 95906), (166, 95969), (169, 96011), (174, 96080), (176, 96104), (179, 96116), (181, 96125), (184, 96146), (189, 96164), (190, 96170), (194, 96197),

Gene: Phlippers_31 Start: 27027, Stop: 28508, Start Num: 24
Candidate Starts for Phlippers_31:
(Start: 24 @27027 has 237 MA's), (Start: 28 @27054 has 1 MA's), (Start: 33 @27108 has 1 MA's), (40, 27174), (65, 27306), (82, 27456), (91, 27501), (104, 27606), (116, 27687), (117, 27690), (130, 27801), (133, 27828), (135, 27861), (152, 28038), (156, 28080), (159, 28098), (165, 28134), (168, 28176), (179, 28293), (180, 28296), (196, 28380), (197, 28389),

Gene: Phoebus_39 Start: 32433, Stop: 33938, Start Num: 24
Candidate Starts for Phoebus_39:
(4, 32208), (20, 32376), (22, 32430), (Start: 24 @32433 has 237 MA's), (30, 32481), (44, 32604), (71, 32754), (72, 32757), (82, 32868), (98, 32976), (103, 33006), (118, 33108), (130, 33225), (135, 33285), (136, 33300), (152, 33462), (154, 33474), (159, 33522), (165, 33558), (168, 33600), (173, 33678), (179, 33717), (180, 33720), (185, 33750), (192, 33780), (196, 33804),

Gene: Phox_173 Start: 96111, Stop: 97187, Start Num: 54
Candidate Starts for Phox_173:
(Start: 54 @96111 has 192 MA's), (63, 96153), (64, 96156), (65, 96168), (70, 96192), (71, 96195), (78, 96252), (79, 96270), (84, 96324), (97, 96414), (101, 96435), (102, 96438), (113, 96534), (120, 96585), (130, 96666), (133, 96693), (150, 96825), (152, 96837), (153, 96846), (155, 96867), (166, 96930), (169, 96972), (174, 97041), (176, 97065), (179, 97077), (181, 97086), (184, 97107), (189, 97125), (190, 97131), (194, 97158),

Gene: Phreeze_30 Start: 28525, Stop: 29733, Start Num: 35
Candidate Starts for Phreeze_30:
(Start: 35 @28525 has 12 MA's), (38, 28552), (41, 28591), (62, 28693), (65, 28717), (84, 28870), (89, 28882), (90, 28900), (98, 28966), (99, 28975), (100, 28978), (102, 28984), (106, 29023), (107, 29026), (118, 29107), (124, 29164), (133, 29242), (139, 29272), (148, 29317), (150, 29338), (151, 29341), (153, 29359), (154, 29362), (170, 29503), (176, 29590), (177, 29596), (186, 29650), (194, 29692),

Gene: PhrostyMug_32 Start: 26005, Stop: 27483, Start Num: 24
Candidate Starts for PhrostyMug_32:
(21, 25951), (Start: 24 @26005 has 237 MA's), (Start: 28 @26032 has 1 MA's), (31, 26068), (Start: 33 @26086 has 1 MA's), (40, 26152), (Start: 53 @26218 has 1 MA's), (58, 26245), (82, 26434), (91, 26479), (104, 26584), (116, 26665), (117, 26668), (130, 26779), (133, 26806), (135, 26839), (158, 27064), (159, 27076), (168, 27154), (178, 27268), (211, 27466),

Gene: Phusco_173 Start: 94774, Stop: 95850, Start Num: 54
Candidate Starts for Phusco_173:
(Start: 54 @94774 has 192 MA's), (63, 94816), (64, 94819), (65, 94831), (70, 94855), (71, 94858), (78, 94915), (79, 94933), (84, 94987), (97, 95077), (101, 95098), (102, 95101), (113, 95197), (120, 95248), (130, 95329), (133, 95356), (150, 95488), (152, 95500), (153, 95509), (155, 95530), (166, 95593), (169, 95635), (174, 95704), (176, 95728), (179, 95740), (181, 95749), (184, 95770), (189, 95788), (190, 95794), (194, 95821),

Gene: Pier_176 Start: 97363, Stop: 98439, Start Num: 54
Candidate Starts for Pier_176:
(Start: 54 @97363 has 192 MA's), (63, 97405), (64, 97408), (65, 97420), (70, 97444), (71, 97447), (78, 97504), (79, 97522), (84, 97576), (97, 97666), (101, 97687), (102, 97690), (113, 97786), (120, 97837), (130, 97918), (133, 97945), (150, 98077), (152, 98089), (153, 98098), (155, 98119), (166, 98182), (169, 98224), (174, 98293), (176, 98317), (179, 98329), (181, 98338), (184, 98359), (189, 98377), (190, 98383), (194, 98410),

Gene: PinkPlastic_31 Start: 25745, Stop: 27223, Start Num: 24
Candidate Starts for PinkPlastic_31:
(Start: 24 @25745 has 237 MA's), (Start: 28 @25772 has 1 MA's), (31, 25808), (Start: 33 @25826 has 1 MA's), (40, 25892), (Start: 53 @25958 has 1 MA's), (58, 25985), (82, 26174), (91, 26219), (104, 26324), (116, 26405), (117, 26408), (130, 26519), (133, 26546), (135, 26579), (158, 26804), (159, 26816), (168, 26894), (178, 27008), (211, 27206),

Gene: Pinkcreek_156 Start: 92910, Stop: 93986, Start Num: 54
Candidate Starts for Pinkcreek_156:
(Start: 54 @92910 has 192 MA's), (63, 92952), (64, 92955), (65, 92967), (70, 92991), (71, 92994), (78, 93051), (79, 93069), (84, 93123), (97, 93213), (101, 93234), (102, 93237), (113, 93333), (120, 93384), (130, 93465), (133, 93492), (150, 93624), (152, 93636), (153, 93645), (155, 93666), (166, 93729), (169, 93771), (174, 93840), (176, 93864), (179, 93876), (181, 93885), (184, 93906), (189, 93924), (190, 93930), (194, 93957),

Gene: Pinto_35 Start: 26558, Stop: 28036, Start Num: 24
Candidate Starts for Pinto_35:
(9, 26393), (13, 26441), (Start: 24 @26558 has 237 MA's), (Start: 28 @26585 has 1 MA's), (Start: 33 @26639 has 1 MA's), (40, 26705), (82, 26987), (104, 27137), (116, 27218), (117, 27221), (130, 27332), (133, 27359), (135, 27392), (158, 27617), (159, 27629), (168, 27707), (178, 27821), (211, 28019),

Gene: Pio_181 Start: 98558, Stop: 99634, Start Num: 54
Candidate Starts for Pio_181:
(Start: 54 @98558 has 192 MA's), (63, 98600), (64, 98603), (65, 98615), (70, 98639), (71, 98642), (78, 98699), (79, 98717), (84, 98771), (97, 98861), (101, 98882), (102, 98885), (113, 98981), (120, 99032), (130, 99113), (133, 99140), (150, 99272), (152, 99284), (153, 99293), (155, 99314), (166, 99377), (169, 99419), (174, 99488), (176, 99512), (179, 99524), (181, 99533), (184, 99554), (189, 99572), (190, 99578), (194, 99605),

Gene: Pippin_34 Start: 26309, Stop: 27787, Start Num: 24
Candidate Starts for Pippin_34:
(8, 26135), (9, 26144), (Start: 24 @26309 has 237 MA's), (Start: 28 @26336 has 1 MA's), (Start: 33 @26390 has 1 MA's), (40, 26456), (Start: 53 @26522 has 1 MA's), (58, 26549), (82, 26738), (104, 26888), (116, 26969), (117, 26972), (130, 27083), (133, 27110), (135, 27143), (158, 27368), (159, 27380), (168, 27458), (178, 27572), (211, 27770),

Gene: Pita2_34 Start: 26487, Stop: 27965, Start Num: 24
Candidate Starts for Pita2_34:
(9, 26322), (13, 26370), (Start: 24 @26487 has 237 MA's), (Start: 28 @26514 has 1 MA's), (Start: 33 @26568 has 1 MA's), (40, 26634), (Start: 53 @26700 has 1 MA's), (58, 26727), (82, 26916), (104, 27066), (116, 27147), (117, 27150), (130, 27261), (133, 27288), (135, 27321), (158, 27546), (159, 27558), (168, 27636), (178, 27750), (211, 27948),

Gene: Pivoine_174 Start: 95150, Stop: 96226, Start Num: 54
Candidate Starts for Pivoine_174:
(Start: 54 @95150 has 192 MA's), (63, 95192), (64, 95195), (65, 95207), (70, 95231), (71, 95234), (78, 95291), (79, 95309), (84, 95363), (97, 95453), (101, 95474), (102, 95477), (113, 95573), (120, 95624), (130, 95705), (133, 95732), (150, 95864), (152, 95876), (153, 95885), (155, 95906), (166, 95969), (169, 96011), (174, 96080), (176, 96104), (179, 96116), (181, 96125), (184, 96146), (189, 96164), (190, 96170), (194, 96197),

Gene: Pleione_176 Start: 95674, Stop: 96750, Start Num: 54
Candidate Starts for Pleione_176:
(Start: 54 @95674 has 192 MA's), (63, 95716), (64, 95719), (65, 95731), (70, 95755), (71, 95758), (78, 95815), (79, 95833), (84, 95887), (97, 95977), (101, 95998), (102, 96001), (113, 96097), (120, 96148), (130, 96229), (133, 96256), (150, 96388), (152, 96400), (153, 96409), (155, 96430), (166, 96493), (169, 96535), (174, 96604), (176, 96628), (179, 96640), (181, 96649), (184, 96670), (189, 96688), (190, 96694), (194, 96721),

Gene: Pound_41 Start: 33422, Stop: 34924, Start Num: 24
Candidate Starts for Pound_41:
(7, 33233), (8, 33251), (10, 33269), (11, 33272), (18, 33353), (19, 33362), (Start: 24 @33422 has 237 MA's), (26, 33434), (30, 33470), (31, 33485), (32, 33488), (59, 33671), (64, 33695), (65, 33707), (67, 33725), (79, 33809), (82, 33851), (94, 33920), (113, 34064), (118, 34091), (121, 34136), (123, 34142), (125, 34151), (129, 34208), (133, 34238), (140, 34331), (152, 34448), (157, 34493), (159, 34508), (160, 34514), (165, 34544), (168, 34586), (176, 34691), (185, 34736), (187, 34742), (196, 34790), (200, 34820), (205, 34850), (208, 34859),

Gene: PowerRanger_33 Start: 27462, Stop: 28823, Start Num: 24
Candidate Starts for PowerRanger_33:
(2, 27225), (Start: 24 @27462 has 237 MA's), (Start: 28 @27489 has 1 MA's), (Start: 33 @27543 has 1 MA's), (40, 27609), (45, 27639), (65, 27741), (82, 27891), (91, 27936), (104, 28041), (116, 28122), (117, 28125), (130, 28236), (133, 28263), (135, 28296), (156, 28515), (159, 28533), (165, 28569), (168, 28611), (179, 28728), (180, 28731), (196, 28815),

Gene: Primadonna_169 Start: 94798, Stop: 95874, Start Num: 54
Candidate Starts for Primadonna_169:
(Start: 54 @94798 has 192 MA's), (63, 94840), (64, 94843), (65, 94855), (70, 94879), (71, 94882), (78, 94939), (79, 94957), (84, 95011), (97, 95101), (101, 95122), (102, 95125), (113, 95221), (120, 95272), (130, 95353), (133, 95380), (150, 95512), (152, 95524), (153, 95533), (155, 95554), (166, 95617), (169, 95659), (174, 95728), (176, 95752), (179, 95764), (181, 95773), (184, 95794), (189, 95812), (190, 95818), (194, 95845),

Gene: ProMouse_33 Start: 26450, Stop: 27931, Start Num: 24
Candidate Starts for ProMouse_33:
(Start: 24 @26450 has 237 MA's), (Start: 28 @26477 has 1 MA's), (31, 26513), (Start: 33 @26531 has 1 MA's), (40, 26597), (Start: 53 @26663 has 1 MA's), (68, 26750), (71, 26765), (82, 26879), (104, 27029), (116, 27110), (117, 27113), (130, 27224), (133, 27251), (135, 27284), (144, 27389), (152,

27461), (156, 27503), (159, 27521), (165, 27557), (168, 27599), (179, 27716), (180, 27719), (196, 27803), (197, 27812),

Gene: Puhon_177 Start: 96197, Stop: 97273, Start Num: 54
Candidate Starts for Puhon_177:
(Start: 54 @96197 has 192 MA's), (63, 96239), (64, 96242), (65, 96254), (70, 96278), (71, 96281), (78, 96338), (79, 96356), (84, 96410), (97, 96500), (101, 96521), (102, 96524), (113, 96620), (120, 96671), (130, 96752), (133, 96779), (150, 96911), (152, 96923), (153, 96932), (155, 96953), (166, 97016), (169, 97058), (174, 97127), (176, 97151), (179, 97163), (181, 97172), (184, 97193), (189, 97211), (190, 97217), (194, 97244),

Gene: Puissant_31 Start: 28991, Stop: 30202, Start Num: 35
Candidate Starts for Puissant_31:
(Start: 35 @28991 has 12 MA's), (38, 29018), (47, 29084), (65, 29183), (70, 29207), (72, 29213), (81, 29309), (84, 29339), (89, 29351), (92, 29378), (93, 29390), (100, 29447), (102, 29453), (106, 29492), (107, 29495), (110, 29510), (118, 29576), (123, 29627), (124, 29633), (133, 29711), (150, 29807), (153, 29828), (154, 29831), (155, 29849), (161, 29888), (170, 29972), (176, 30059), (178, 30068), (183, 30101), (186, 30119), (191, 30143), (194, 30161),

Gene: Puppet_32 Start: 26009, Stop: 27493, Start Num: 24
Candidate Starts for Puppet_32:
(9, 25844), (Start: 24 @26009 has 237 MA's), (Start: 28 @26036 has 1 MA's), (31, 26072), (Start: 33 @26090 has 1 MA's), (40, 26156), (Start: 53 @26222 has 1 MA's), (58, 26249), (82, 26438), (104, 26588), (130, 26783), (133, 26810), (135, 26843), (152, 27020), (156, 27062), (159, 27080), (165, 27116), (168, 27158), (178, 27272), (179, 27275), (185, 27308), (196, 27362), (199, 27389), (210, 27464),

Gene: Pupusa_179 Start: 96531, Stop: 97607, Start Num: 54
Candidate Starts for Pupusa_179:
(Start: 54 @96531 has 192 MA's), (63, 96573), (64, 96576), (65, 96588), (70, 96612), (71, 96615), (78, 96672), (79, 96690), (84, 96744), (97, 96834), (101, 96855), (102, 96858), (113, 96954), (120, 97005), (130, 97086), (133, 97113), (150, 97245), (152, 97257), (153, 97266), (155, 97287), (166, 97350), (169, 97392), (174, 97461), (176, 97485), (179, 97497), (181, 97506), (184, 97527), (189, 97545), (190, 97551), (194, 97578),

Gene: PurduePete_173 Start: 95901, Stop: 96977, Start Num: 54
Candidate Starts for PurduePete_173:
(Start: 54 @95901 has 192 MA's), (63, 95943), (64, 95946), (65, 95958), (70, 95982), (71, 95985), (78, 96042), (79, 96060), (84, 96114), (97, 96204), (101, 96225), (102, 96228), (113, 96324), (120, 96375), (130, 96456), (133, 96483), (150, 96615), (152, 96627), (153, 96636), (155, 96657), (166, 96720), (169, 96762), (174, 96831), (176, 96855), (179, 96867), (181, 96876), (184, 96897), (189, 96915), (190, 96921), (194, 96948),

Gene: Pygmy_21 Start: 21258, Stop: 22748, Start Num: 24
Candidate Starts for Pygmy_21:
(21, 21204), (Start: 24 @21258 has 237 MA's), (29, 21300), (Start: 36 @21357 has 3 MA's), (43, 21429), (82, 21681), (85, 21696), (86, 21699), (88, 21702), (94, 21750), (101, 21804), (102, 21807), (106, 21849), (113, 21894), (122, 21969), (127, 22023), (129, 22035), (133, 22065), (143, 22176), (159, 22335), (161, 22344), (164, 22356), (168, 22413), (172, 22488), (178, 22527), (192, 22587), (198, 22623), (203, 22659), (207, 22680), (210, 22719),

Gene: QBert_165 Start: 94388, Stop: 95464, Start Num: 54
Candidate Starts for QBert_165:

(Start: 54 @94388 has 192 MA's), (63, 94430), (64, 94433), (65, 94445), (70, 94469), (71, 94472), (78, 94529), (79, 94547), (84, 94601), (97, 94691), (101, 94712), (102, 94715), (113, 94811), (120, 94862), (130, 94943), (133, 94970), (150, 95102), (152, 95114), (153, 95123), (155, 95144), (166, 95207), (169, 95249), (174, 95318), (176, 95342), (179, 95354), (181, 95363), (184, 95384), (189, 95402), (190, 95408), (194, 95435),

Gene: QTRlifeCrisis_32 Start: 26565, Stop: 28043, Start Num: 24
Candidate Starts for QTRlifeCrisis_32:
(9, 26400), (13, 26448), (Start: 24 @26565 has 237 MA's), (Start: 28 @26592 has 1 MA's), (Start: 33 @26646 has 1 MA's), (40, 26712), (Start: 53 @26778 has 1 MA's), (56, 26796), (58, 26805), (82, 26994), (91, 27039), (104, 27144), (116, 27225), (117, 27228), (130, 27339), (133, 27366), (135, 27399), (158, 27624), (159, 27636), (168, 27714), (178, 27828), (211, 28026),

Gene: Quasimodo_177 Start: 96568, Stop: 97644, Start Num: 54
Candidate Starts for Quasimodo_177:
(Start: 54 @96568 has 192 MA's), (63, 96610), (64, 96613), (65, 96625), (70, 96649), (71, 96652), (78, 96709), (79, 96727), (84, 96781), (97, 96871), (101, 96892), (102, 96895), (113, 96991), (120, 97042), (130, 97123), (133, 97150), (150, 97282), (152, 97294), (153, 97303), (155, 97324), (166, 97387), (169, 97429), (174, 97498), (176, 97522), (179, 97534), (181, 97543), (184, 97564), (189, 97582), (190, 97588), (194, 97615),

Gene: Rabinovish_168 Start: 95632, Stop: 96708, Start Num: 54
Candidate Starts for Rabinovish_168:
(Start: 54 @95632 has 192 MA's), (63, 95674), (64, 95677), (65, 95689), (70, 95713), (71, 95716), (78, 95773), (79, 95791), (84, 95845), (97, 95935), (101, 95956), (102, 95959), (113, 96055), (120, 96106), (130, 96187), (133, 96214), (150, 96346), (152, 96358), (153, 96367), (155, 96388), (166, 96451), (169, 96493), (174, 96562), (176, 96586), (179, 96598), (181, 96607), (184, 96628), (189, 96646), (190, 96652), (194, 96679),

Gene: Rahel_175 Start: 95368, Stop: 96444, Start Num: 54
Candidate Starts for Rahel_175:
(Start: 54 @95368 has 192 MA's), (63, 95410), (64, 95413), (65, 95425), (70, 95449), (71, 95452), (78, 95509), (79, 95527), (84, 95581), (97, 95671), (101, 95692), (102, 95695), (113, 95791), (120, 95842), (130, 95923), (133, 95950), (150, 96082), (152, 96094), (153, 96103), (155, 96124), (156, 96136), (166, 96187), (169, 96229), (174, 96298), (176, 96322), (179, 96334), (181, 96343), (184, 96364), (189, 96382), (190, 96388), (194, 96415),

Gene: Raid_32 Start: 26014, Stop: 27492, Start Num: 24
Candidate Starts for Raid_32:
(9, 25849), (13, 25897), (Start: 24 @26014 has 237 MA's), (Start: 28 @26041 has 1 MA's), (31, 26077), (Start: 33 @26095 has 1 MA's), (40, 26161), (Start: 53 @26227 has 1 MA's), (56, 26245), (58, 26254), (82, 26443), (104, 26593), (117, 26677), (130, 26788), (135, 26848), (158, 27073), (159, 27085), (168, 27163), (178, 27277), (211, 27475),

Gene: Rearden_34 Start: 28443, Stop: 29945, Start Num: 24
Candidate Starts for Rearden_34:
(3, 28215), (6, 28245), (16, 28350), (19, 28383), (Start: 24 @28443 has 237 MA's), (30, 28491), (59, 28692), (64, 28716), (65, 28728), (67, 28746), (79, 28830), (82, 28872), (94, 28941), (113, 29085), (118, 29112), (121, 29157), (123, 29163), (125, 29172), (129, 29229), (133, 29259), (140, 29352), (152, 29469), (157, 29514), (159, 29529), (160, 29535), (165, 29565), (168, 29607), (176, 29712), (185, 29757), (187, 29763), (196, 29811), (200, 29841), (205, 29871), (208, 29880),

Gene: Redno2_38 Start: 31896, Stop: 33401, Start Num: 24

Candidate Starts for Redno2_38:
(4, 31671), (20, 31839), (22, 31893), (Start: 24 @31896 has 237 MA's), (30, 31944), (44, 32067), (71, 32217), (72, 32220), (82, 32331), (98, 32439), (103, 32469), (118, 32571), (130, 32688), (135, 32748), (136, 32763), (152, 32925), (154, 32937), (159, 32985), (165, 33021), (168, 33063), (173, 33141), (179, 33180), (180, 33183), (185, 33213), (192, 33243), (196, 33267),

Gene: Rhynn_32 Start: 26014, Stop: 27492, Start Num: 24
Candidate Starts for Rhynn_32:
(Start: 24 @26014 has 237 MA's), (Start: 28 @26041 has 1 MA's), (31, 26077), (Start: 33 @26095 has 1 MA's), (40, 26161), (Start: 53 @26227 has 1 MA's), (58, 26254), (82, 26443), (91, 26488), (104, 26593), (116, 26674), (117, 26677), (130, 26788), (133, 26815), (135, 26848), (158, 27073), (159, 27085), (168, 27163), (178, 27277), (211, 27475),

Gene: RidgeCB_32 Start: 25742, Stop: 27226, Start Num: 24
Candidate Starts for RidgeCB_32:
(9, 25577), (13, 25625), (Start: 24 @25742 has 237 MA's), (Start: 28 @25769 has 1 MA's), (Start: 33 @25823 has 1 MA's), (40, 25889), (Start: 53 @25955 has 1 MA's), (58, 25982), (80, 26135), (82, 26171), (91, 26216), (104, 26321), (130, 26516), (133, 26543), (135, 26576), (152, 26753), (156, 26795), (159, 26813), (165, 26849), (168, 26891), (178, 27005), (179, 27008), (185, 27041), (196, 27095), (199, 27122), (210, 27197),

Gene: Ringer_32 Start: 26666, Stop: 28144, Start Num: 24
Candidate Starts for Ringer_32:
(9, 26501), (13, 26549), (Start: 24 @26666 has 237 MA's), (Start: 28 @26693 has 1 MA's), (31, 26729), (Start: 33 @26747 has 1 MA's), (40, 26813), (Start: 53 @26879 has 1 MA's), (58, 26906), (82, 27095), (104, 27245), (116, 27326), (117, 27329), (130, 27440), (133, 27467), (135, 27500), (158, 27725), (159, 27737), (168, 27815), (178, 27929), (211, 28127),

Gene: Rizal_168 Start: 93635, Stop: 94711, Start Num: 54
Candidate Starts for Rizal_168:
(Start: 54 @93635 has 192 MA's), (63, 93677), (64, 93680), (65, 93692), (70, 93716), (71, 93719), (78, 93776), (79, 93794), (84, 93848), (97, 93938), (101, 93959), (102, 93962), (113, 94058), (120, 94109), (130, 94190), (133, 94217), (150, 94349), (152, 94361), (153, 94370), (155, 94391), (166, 94454), (169, 94496), (174, 94565), (176, 94589), (179, 94601), (181, 94610), (184, 94631), (189, 94649), (190, 94655), (194, 94682),

Gene: RoMag_169 Start: 95679, Stop: 96755, Start Num: 54
Candidate Starts for RoMag_169:
(Start: 54 @95679 has 192 MA's), (63, 95721), (64, 95724), (65, 95736), (70, 95760), (71, 95763), (78, 95820), (79, 95838), (84, 95892), (97, 95982), (101, 96003), (102, 96006), (113, 96102), (120, 96153), (130, 96234), (133, 96261), (150, 96393), (152, 96405), (153, 96414), (155, 96435), (166, 96498), (169, 96540), (174, 96609), (176, 96633), (179, 96645), (181, 96654), (184, 96675), (189, 96693), (190, 96699), (194, 96726),

Gene: Rocha_172 Start: 94947, Stop: 96023, Start Num: 54
Candidate Starts for Rocha_172:
(Start: 54 @94947 has 192 MA's), (63, 94989), (64, 94992), (65, 95004), (70, 95028), (71, 95031), (78, 95088), (79, 95106), (84, 95160), (97, 95250), (101, 95271), (102, 95274), (113, 95370), (120, 95421), (130, 95502), (133, 95529), (150, 95661), (152, 95673), (153, 95682), (155, 95703), (166, 95766), (169, 95808), (174, 95877), (176, 95901), (179, 95913), (181, 95922), (184, 95943), (189, 95961), (190, 95967), (194, 95994),

Gene: Rohr_33 Start: 26164, Stop: 27642, Start Num: 24

Candidate Starts for Rohr_33:
(Start: 24 @26164 has 237 MA's), (Start: 28 @26191 has 1 MA's), (31, 26227), (Start: 33 @26245 has 1 MA's), (40, 26311), (Start: 53 @26377 has 1 MA's), (58, 26404), (82, 26593), (104, 26743), (116, 26824), (117, 26827), (130, 26938), (133, 26965), (135, 26998), (152, 27175), (158, 27223), (159, 27235), (168, 27313), (178, 27427), (211, 27625),

Gene: Ronan_169 Start: 93138, Stop: 94214, Start Num: 54
Candidate Starts for Ronan_169:
(Start: 54 @93138 has 192 MA's), (63, 93180), (64, 93183), (65, 93195), (70, 93219), (71, 93222), (78, 93279), (79, 93297), (84, 93351), (97, 93441), (101, 93462), (102, 93465), (113, 93561), (120, 93612), (130, 93693), (133, 93720), (150, 93852), (152, 93864), (153, 93873), (155, 93894), (166, 93957), (169, 93999), (174, 94068), (176, 94092), (179, 94104), (181, 94113), (184, 94134), (189, 94152), (190, 94158), (194, 94185),

Gene: Roots515_177 Start: 96988, Stop: 98064, Start Num: 54
Candidate Starts for Roots515_177:
(Start: 54 @96988 has 192 MA's), (63, 97030), (64, 97033), (65, 97045), (70, 97069), (71, 97072), (78, 97129), (79, 97147), (84, 97201), (97, 97291), (101, 97312), (102, 97315), (113, 97411), (120, 97462), (130, 97543), (133, 97570), (150, 97702), (152, 97714), (153, 97723), (155, 97744), (166, 97807), (169, 97849), (174, 97918), (176, 97942), (179, 97954), (181, 97963), (184, 97984), (189, 98002), (190, 98008), (194, 98035),

Gene: Rubeus_33 Start: 26049, Stop: 27527, Start Num: 24
Candidate Starts for Rubeus_33:
(Start: 24 @26049 has 237 MA's), (Start: 28 @26076 has 1 MA's), (Start: 33 @26130 has 1 MA's), (40, 26196), (Start: 53 @26262 has 1 MA's), (56, 26280), (82, 26478), (104, 26628), (116, 26709), (117, 26712), (130, 26823), (133, 26850), (135, 26883), (159, 27120), (168, 27198), (178, 27312), (211, 27510),

Gene: Rufus_33 Start: 26351, Stop: 27829, Start Num: 24
Candidate Starts for Rufus_33:
(9, 26186), (13, 26234), (Start: 24 @26351 has 237 MA's), (Start: 28 @26378 has 1 MA's), (Start: 33 @26432 has 1 MA's), (40, 26498), (82, 26780), (104, 26930), (116, 27011), (117, 27014), (130, 27125), (133, 27152), (135, 27185), (158, 27410), (159, 27422), (168, 27500), (178, 27614), (211, 27812),

Gene: Rutherferd_34 Start: 26620, Stop: 28098, Start Num: 24
Candidate Starts for Rutherferd_34:
(5, 26404), (9, 26455), (13, 26503), (Start: 24 @26620 has 237 MA's), (31, 26683), (Start: 33 @26701 has 1 MA's), (40, 26767), (45, 26797), (Start: 53 @26833 has 1 MA's), (58, 26860), (82, 27049), (91, 27094), (104, 27199), (116, 27280), (117, 27283), (130, 27394), (133, 27421), (135, 27454), (158, 27679), (159, 27691), (168, 27769), (178, 27883), (211, 28081),

Gene: Ryadel_63 Start: 39409, Stop: 40899, Start Num: 23
Candidate Starts for Ryadel_63:
(Start: 23 @39409 has 34 MA's), (29, 39451), (43, 39580), (52, 39619), (64, 39676), (80, 39796), (82, 39832), (86, 39850), (95, 39907), (96, 39916), (100, 39952), (101, 39955), (102, 39958), (106, 40000), (113, 40045), (118, 40072), (136, 40264), (147, 40381), (154, 40438), (159, 40486), (168, 40564), (172, 40639), (178, 40678), (185, 40708), (195, 40756), (204, 40825),

Gene: STLscum_33 Start: 26758, Stop: 28248, Start Num: 24
Candidate Starts for STLscum_33:

(9, 26593), (12, 26629), (13, 26641), (Start: 24 @26758 has 237 MA's), (Start: 28 @26785 has 1 MA's), (Start: 33 @26839 has 1 MA's), (40, 26905), (58, 26998), (59, 27001), (64, 27025), (65, 27037), (71, 27073), (82, 27187), (98, 27295), (118, 27427), (123, 27478), (133, 27571), (135, 27604), (137, 27640), (145, 27721), (147, 27736), (152, 27781), (158, 27829), (159, 27841), (168, 27919), (172, 27994), (179, 28036), (187, 28075), (211, 28231),

Gene: SVoro_172 Start: 95980, Stop: 97056, Start Num: 54
Candidate Starts for SVoro_172:
(Start: 54 @95980 has 192 MA's), (63, 96022), (64, 96025), (65, 96037), (70, 96061), (71, 96064), (78, 96121), (79, 96139), (84, 96193), (97, 96283), (101, 96304), (102, 96307), (113, 96403), (120, 96454), (130, 96535), (133, 96562), (150, 96694), (152, 96706), (153, 96715), (155, 96736), (166, 96799), (169, 96841), (174, 96910), (176, 96934), (179, 96946), (181, 96955), (184, 96976), (189, 96994), (190, 97000), (194, 97027),

Gene: Sagefire_33 Start: 26791, Stop: 28269, Start Num: 24
Candidate Starts for Sagefire_33:
(9, 26626), (13, 26674), (Start: 24 @26791 has 237 MA's), (Start: 28 @26818 has 1 MA's), (Start: 33 @26872 has 1 MA's), (40, 26938), (Start: 53 @27004 has 1 MA's), (56, 27022), (58, 27031), (82, 27220), (91, 27265), (104, 27370), (116, 27451), (117, 27454), (130, 27565), (133, 27592), (135, 27625), (158, 27850), (159, 27862), (168, 27940), (178, 28054), (211, 28252),

Gene: Salacia_175 Start: 95774, Stop: 96850, Start Num: 54
Candidate Starts for Salacia_175:
(Start: 54 @95774 has 192 MA's), (63, 95816), (64, 95819), (65, 95831), (70, 95855), (71, 95858), (78, 95915), (79, 95933), (84, 95987), (97, 96077), (101, 96098), (102, 96101), (113, 96197), (120, 96248), (130, 96329), (133, 96356), (150, 96488), (152, 96500), (153, 96509), (155, 96530), (166, 96593), (169, 96635), (174, 96704), (176, 96728), (179, 96740), (181, 96749), (184, 96770), (189, 96788), (190, 96794), (194, 96821),

Gene: Sandaddy_31 Start: 25904, Stop: 27382, Start Num: 24
Candidate Starts for Sandaddy_31:
(Start: 24 @25904 has 237 MA's), (Start: 28 @25931 has 1 MA's), (31, 25967), (Start: 33 @25985 has 1 MA's), (40, 26051), (Start: 53 @26117 has 1 MA's), (58, 26144), (82, 26333), (104, 26483), (116, 26564), (117, 26567), (130, 26678), (133, 26705), (135, 26738), (158, 26963), (159, 26975), (168, 27053), (178, 27167), (211, 27365),

Gene: Sanya_32 Start: 26588, Stop: 28066, Start Num: 24
Candidate Starts for Sanya_32:
(9, 26423), (13, 26471), (Start: 24 @26588 has 237 MA's), (Start: 33 @26669 has 1 MA's), (40, 26735), (Start: 53 @26801 has 1 MA's), (58, 26828), (82, 27017), (91, 27062), (104, 27167), (116, 27248), (117, 27251), (130, 27362), (133, 27389), (135, 27422), (158, 27647), (159, 27659), (168, 27737), (178, 27851), (209, 28013), (211, 28049),

Gene: SarFire_32 Start: 26066, Stop: 27544, Start Num: 24
Candidate Starts for SarFire_32:
(1, 25808), (9, 25901), (13, 25949), (Start: 24 @26066 has 237 MA's), (Start: 28 @26093 has 1 MA's), (Start: 33 @26147 has 1 MA's), (40, 26213), (Start: 53 @26279 has 1 MA's), (58, 26306), (82, 26495), (104, 26645), (116, 26726), (117, 26729), (126, 26795), (130, 26840), (133, 26867), (135, 26900), (158, 27125), (159, 27137), (168, 27215), (178, 27329), (201, 27455), (211, 27527),

Gene: Sauce_171 Start: 94154, Stop: 95230, Start Num: 54
Candidate Starts for Sauce_171:

(Start: 54 @94154 has 192 MA's), (63, 94196), (64, 94199), (65, 94211), (70, 94235), (71, 94238), (78, 94295), (79, 94313), (84, 94367), (97, 94457), (101, 94478), (102, 94481), (113, 94577), (120, 94628), (130, 94709), (133, 94736), (150, 94868), (152, 94880), (153, 94889), (155, 94910), (166, 94973), (169, 95015), (174, 95084), (176, 95108), (179, 95120), (181, 95129), (184, 95150), (189, 95168), (190, 95174), (194, 95201),

Gene: Schatzie_37 Start: 31172, Stop: 32674, Start Num: 24
Candidate Starts for Schatzie_37:
(7, 30983), (8, 31001), (10, 31019), (11, 31022), (18, 31103), (19, 31112), (Start: 24 @31172 has 237 MA's), (26, 31184), (30, 31220), (31, 31235), (32, 31238), (59, 31421), (64, 31445), (65, 31457), (67, 31475), (79, 31559), (82, 31601), (94, 31670), (113, 31814), (118, 31841), (121, 31886), (123, 31892), (125, 31901), (129, 31958), (133, 31988), (140, 32081), (152, 32198), (157, 32243), (159, 32258), (160, 32264), (165, 32294), (168, 32336), (176, 32441), (185, 32486), (187, 32492), (196, 32540), (200, 32570), (205, 32600), (208, 32609),

Gene: SchoolBus_59 Start: 38593, Stop: 40083, Start Num: 23
Candidate Starts for SchoolBus_59:
(Start: 23 @38593 has 34 MA's), (29, 38635), (43, 38764), (52, 38803), (64, 38860), (80, 38980), (82, 39016), (86, 39034), (95, 39091), (96, 39100), (100, 39136), (101, 39139), (102, 39142), (106, 39184), (113, 39229), (118, 39256), (136, 39448), (147, 39565), (154, 39622), (159, 39670), (168, 39748), (172, 39823), (178, 39862), (185, 39892), (195, 39940), (204, 40009),

Gene: Schuy_60 Start: 38384, Stop: 39874, Start Num: 23
Candidate Starts for Schuy_60:
(Start: 23 @38384 has 34 MA's), (29, 38426), (43, 38555), (52, 38594), (64, 38651), (80, 38771), (82, 38807), (86, 38825), (95, 38882), (96, 38891), (100, 38927), (101, 38930), (102, 38933), (106, 38975), (113, 39020), (118, 39047), (136, 39239), (147, 39356), (154, 39413), (159, 39461), (168, 39539), (172, 39614), (178, 39653), (185, 39683), (195, 39731), (204, 39800),

Gene: ScottMcG_168 Start: 94211, Stop: 95287, Start Num: 54
Candidate Starts for ScottMcG_168:
(Start: 54 @94211 has 192 MA's), (63, 94253), (64, 94256), (65, 94268), (70, 94292), (71, 94295), (78, 94352), (79, 94370), (84, 94424), (97, 94514), (101, 94535), (102, 94538), (113, 94634), (120, 94685), (130, 94766), (133, 94793), (150, 94925), (152, 94937), (153, 94946), (155, 94967), (166, 95030), (169, 95072), (174, 95141), (176, 95165), (179, 95177), (181, 95186), (184, 95207), (189, 95225), (190, 95231), (194, 95258),

Gene: Seabiscuit_34 Start: 25972, Stop: 27450, Start Num: 24
Candidate Starts for Seabiscuit_34:
(Start: 24 @25972 has 237 MA's), (Start: 28 @25999 has 1 MA's), (31, 26035), (Start: 33 @26053 has 1 MA's), (40, 26119), (Start: 53 @26185 has 1 MA's), (58, 26212), (82, 26401), (104, 26551), (117, 26635), (130, 26746), (133, 26773), (135, 26806), (158, 27031), (159, 27043), (168, 27121), (178, 27235), (211, 27433),

Gene: Seanderson_33 Start: 26446, Stop: 27924, Start Num: 24
Candidate Starts for Seanderson_33:
(8, 26272), (9, 26281), (Start: 24 @26446 has 237 MA's), (Start: 28 @26473 has 1 MA's), (Start: 33 @26527 has 1 MA's), (40, 26593), (Start: 53 @26659 has 1 MA's), (58, 26686), (82, 26875), (104, 27025), (116, 27106), (117, 27109), (130, 27220), (133, 27247), (135, 27280), (158, 27505), (159, 27517), (168, 27595), (178, 27709), (211, 27907),

Gene: Sebata_174 Start: 96678, Stop: 97754, Start Num: 54
Candidate Starts for Sebata_174:

(Start: 54 @96678 has 192 MA's), (63, 96720), (64, 96723), (65, 96735), (70, 96759), (71, 96762), (78, 96819), (79, 96837), (84, 96891), (97, 96981), (101, 97002), (102, 97005), (113, 97101), (120, 97152), (130, 97233), (133, 97260), (150, 97392), (152, 97404), (153, 97413), (155, 97434), (166, 97497), (169, 97539), (174, 97608), (176, 97632), (179, 97644), (181, 97653), (184, 97674), (189, 97692), (190, 97698), (194, 97725),

Gene: Shaqnato_166 Start: 93600, Stop: 94676, Start Num: 54
Candidate Starts for Shaqnato_166:
(Start: 54 @93600 has 192 MA's), (63, 93642), (64, 93645), (65, 93657), (70, 93681), (71, 93684), (78, 93741), (79, 93759), (84, 93813), (97, 93903), (101, 93924), (102, 93927), (113, 94023), (120, 94074), (130, 94155), (133, 94182), (150, 94314), (152, 94326), (153, 94335), (155, 94356), (166, 94419), (169, 94461), (174, 94530), (176, 94554), (179, 94566), (181, 94575), (184, 94596), (189, 94614), (190, 94620), (194, 94647),

Gene: Sheen_5 Start: 2347, Stop: 3570, Start Num: 37
Candidate Starts for Sheen_5:
(Start: 37 @2347 has 1 MA's), (49, 2434), (63, 2494), (70, 2533), (71, 2536), (75, 2557), (82, 2644), (100, 2764), (102, 2770), (105, 2803), (107, 2812), (111, 2836), (113, 2863), (115, 2872), (117, 2887), (126, 2953), (133, 3019), (146, 3160), (147, 3163), (149, 3178), (159, 3268), (172, 3418), (179, 3460), (194, 3535),

Gene: Shelob_174 Start: 96708, Stop: 97784, Start Num: 54
Candidate Starts for Shelob_174:
(Start: 54 @96708 has 192 MA's), (63, 96750), (64, 96753), (65, 96765), (70, 96789), (71, 96792), (78, 96849), (79, 96867), (84, 96921), (97, 97011), (101, 97032), (102, 97035), (113, 97131), (120, 97182), (130, 97263), (133, 97290), (150, 97422), (152, 97434), (153, 97443), (155, 97464), (166, 97527), (169, 97569), (174, 97638), (176, 97662), (179, 97674), (181, 97683), (184, 97704), (189, 97722), (190, 97728), (194, 97755),

Gene: ShiaLabeouf_171 Start: 94579, Stop: 95655, Start Num: 54
Candidate Starts for ShiaLabeouf_171:
(Start: 54 @94579 has 192 MA's), (63, 94621), (64, 94624), (65, 94636), (70, 94660), (71, 94663), (78, 94720), (79, 94738), (84, 94792), (97, 94882), (101, 94903), (102, 94906), (113, 95002), (120, 95053), (130, 95134), (133, 95161), (150, 95293), (152, 95305), (153, 95314), (155, 95335), (166, 95398), (169, 95440), (174, 95509), (176, 95533), (179, 95545), (181, 95554), (184, 95575), (189, 95593), (190, 95599), (194, 95626),

Gene: Shida_59 Start: 38291, Stop: 39781, Start Num: 23
Candidate Starts for Shida_59:
(Start: 23 @38291 has 34 MA's), (29, 38333), (43, 38462), (52, 38501), (64, 38558), (80, 38678), (82, 38714), (86, 38732), (95, 38789), (96, 38798), (100, 38834), (101, 38837), (102, 38840), (106, 38882), (113, 38927), (118, 38954), (136, 39146), (147, 39263), (154, 39320), (159, 39368), (168, 39446), (172, 39521), (178, 39560), (185, 39590), (195, 39638), (204, 39707),

Gene: Shifa_164 Start: 94745, Stop: 95821, Start Num: 54
Candidate Starts for Shifa_164:
(Start: 54 @94745 has 192 MA's), (63, 94787), (64, 94790), (65, 94802), (70, 94826), (71, 94829), (78, 94886), (79, 94904), (84, 94958), (97, 95048), (101, 95069), (102, 95072), (113, 95168), (120, 95219), (130, 95300), (133, 95327), (150, 95459), (152, 95471), (153, 95480), (155, 95501), (166, 95564), (169, 95606), (174, 95675), (176, 95699), (179, 95711), (181, 95720), (184, 95741), (189, 95759), (190, 95765), (194, 95792),

Gene: Shipwreck_21 Start: 21236, Stop: 22726, Start Num: 24

Candidate Starts for Shipwreck_21:
(21, 21182), (Start: 24 @21236 has 237 MA's), (29, 21278), (Start: 36 @21335 has 3 MA's), (43, 21407), (82, 21659), (85, 21674), (86, 21677), (88, 21680), (94, 21728), (101, 21782), (102, 21785), (106, 21827), (113, 21872), (122, 21947), (127, 22001), (129, 22013), (133, 22043), (143, 22154), (159, 22313), (161, 22322), (164, 22334), (168, 22391), (172, 22466), (178, 22505), (192, 22565), (198, 22601), (203, 22637), (207, 22658), (210, 22697),

Gene: Shnickers_172 Start: 94541, Stop: 95617, Start Num: 54
Candidate Starts for Shnickers_172:
(Start: 54 @94541 has 192 MA's), (63, 94583), (64, 94586), (65, 94598), (70, 94622), (71, 94625), (78, 94682), (79, 94700), (84, 94754), (97, 94844), (101, 94865), (102, 94868), (113, 94964), (120, 95015), (130, 95096), (133, 95123), (150, 95255), (152, 95267), (153, 95276), (155, 95297), (156, 95309), (166, 95360), (169, 95402), (174, 95471), (176, 95495), (179, 95507), (181, 95516), (184, 95537), (189, 95555), (190, 95561), (194, 95588),

Gene: ShortQueendom_32 Start: 25886, Stop: 27238, Start Num: 24
Candidate Starts for ShortQueendom_32:
(9, 25721), (13, 25769), (Start: 24 @25886 has 237 MA's), (Start: 28 @25913 has 1 MA's), (31, 25949), (Start: 33 @25967 has 1 MA's), (40, 26033), (Start: 53 @26099 has 1 MA's), (58, 26126), (82, 26315), (104, 26465), (116, 26546), (117, 26549), (130, 26660), (133, 26687), (135, 26720), (158, 26945), (159, 26957), (168, 27035),

Gene: Shrimp_176 Start: 96211, Stop: 97287, Start Num: 54
Candidate Starts for Shrimp_176:
(Start: 54 @96211 has 192 MA's), (63, 96253), (64, 96256), (65, 96268), (70, 96292), (71, 96295), (78, 96352), (79, 96370), (84, 96424), (97, 96514), (101, 96535), (102, 96538), (113, 96634), (120, 96685), (130, 96766), (133, 96793), (150, 96925), (152, 96937), (153, 96946), (155, 96967), (166, 97030), (169, 97072), (174, 97141), (176, 97165), (179, 97177), (181, 97186), (184, 97207), (189, 97225), (190, 97231), (194, 97258),

Gene: SilverDipper_176 Start: 95146, Stop: 96222, Start Num: 54
Candidate Starts for SilverDipper_176:
(Start: 54 @95146 has 192 MA's), (63, 95188), (64, 95191), (65, 95203), (70, 95227), (71, 95230), (78, 95287), (79, 95305), (84, 95359), (97, 95449), (101, 95470), (102, 95473), (113, 95569), (120, 95620), (130, 95701), (133, 95728), (150, 95860), (152, 95872), (153, 95881), (155, 95902), (166, 95965), (169, 96007), (174, 96076), (176, 96100), (179, 96112), (181, 96121), (184, 96142), (189, 96160), (190, 96166), (194, 96193),

Gene: SiwenD96_177 Start: 96936, Stop: 98012, Start Num: 54
Candidate Starts for SiwenD96_177:
(Start: 54 @96936 has 192 MA's), (63, 96978), (64, 96981), (65, 96993), (70, 97017), (71, 97020), (78, 97077), (79, 97095), (84, 97149), (97, 97239), (101, 97260), (102, 97263), (113, 97359), (120, 97410), (130, 97491), (133, 97518), (150, 97650), (152, 97662), (153, 97671), (155, 97692), (166, 97755), (169, 97797), (174, 97866), (176, 97890), (179, 97902), (181, 97911), (184, 97932), (189, 97950), (190, 97956), (194, 97983),

Gene: Slagathor_33 Start: 25931, Stop: 27409, Start Num: 24
Candidate Starts for Slagathor_33:
(Start: 24 @25931 has 237 MA's), (Start: 28 @25958 has 1 MA's), (31, 25994), (Start: 33 @26012 has 1 MA's), (40, 26078), (Start: 53 @26144 has 1 MA's), (58, 26171), (82, 26360), (104, 26510), (116, 26591), (117, 26594), (130, 26705), (133, 26732), (135, 26765), (158, 26990), (159, 27002), (168, 27080), (178, 27194), (205, 27344), (211, 27392),

Gene: Smairt_33 Start: 26659, Stop: 28140, Start Num: 24
Candidate Starts for Smairt_33:
(8, 26485), (9, 26494), (Start: 24 @26659 has 237 MA's), (Start: 28 @26686 has 1 MA's), (Start: 33 @26740 has 1 MA's), (40, 26806), (65, 26938), (82, 27088), (91, 27133), (104, 27238), (116, 27319), (117, 27322), (130, 27433), (133, 27460), (135, 27493), (152, 27670), (156, 27712), (159, 27730), (165, 27766), (168, 27808), (179, 27925), (180, 27928), (196, 28012), (197, 28021),

Gene: SmallFry_174 Start: 94737, Stop: 95813, Start Num: 54
Candidate Starts for SmallFry_174:
(Start: 54 @94737 has 192 MA's), (63, 94779), (64, 94782), (65, 94794), (70, 94818), (71, 94821), (78, 94878), (79, 94896), (84, 94950), (97, 95040), (101, 95061), (102, 95064), (113, 95160), (120, 95211), (130, 95292), (133, 95319), (150, 95451), (152, 95463), (153, 95472), (155, 95493), (166, 95556), (169, 95598), (174, 95667), (176, 95691), (179, 95703), (181, 95712), (184, 95733), (189, 95751), (190, 95757), (194, 95784),

Gene: Smeagol_34 Start: 27282, Stop: 28781, Start Num: 23
Candidate Starts for Smeagol_34:
(Start: 23 @27282 has 34 MA's), (40, 27429), (50, 27486), (63, 27552), (65, 27567), (71, 27603), (82, 27717), (85, 27732), (88, 27738), (106, 27882), (113, 27927), (122, 28002), (129, 28068), (130, 28071), (135, 28131), (136, 28146), (156, 28350), (158, 28356), (159, 28368), (165, 28404), (168, 28446), (178, 28560), (179, 28563), (180, 28566), (185, 28596), (196, 28650), (199, 28677), (206, 28710),

Gene: Smooch_62 Start: 40313, Stop: 41803, Start Num: 23
Candidate Starts for Smooch_62:
(Start: 23 @40313 has 34 MA's), (29, 40355), (43, 40484), (52, 40523), (64, 40580), (82, 40736), (86, 40754), (95, 40811), (96, 40820), (101, 40859), (102, 40862), (106, 40904), (113, 40949), (118, 40976), (136, 41168), (147, 41285), (154, 41342), (159, 41390), (168, 41468), (172, 41543), (178, 41582), (185, 41612), (195, 41660), (204, 41729),

Gene: Snazzy_31 Start: 25845, Stop: 27323, Start Num: 24
Candidate Starts for Snazzy_31:
(9, 25680), (Start: 24 @25845 has 237 MA's), (Start: 28 @25872 has 1 MA's), (31, 25908), (Start: 33 @25926 has 1 MA's), (40, 25992), (42, 26010), (Start: 53 @26058 has 1 MA's), (56, 26076), (58, 26085), (82, 26274), (91, 26319), (104, 26424), (116, 26505), (117, 26508), (130, 26619), (133, 26646), (135, 26679), (152, 26856), (158, 26904), (159, 26916), (168, 26994), (178, 27108), (209, 27270), (211, 27306),

Gene: SoilZilla_171 Start: 95596, Stop: 96672, Start Num: 54
Candidate Starts for SoilZilla_171:
(Start: 54 @95596 has 192 MA's), (63, 95638), (64, 95641), (65, 95653), (70, 95677), (71, 95680), (78, 95737), (79, 95755), (84, 95809), (97, 95899), (101, 95920), (102, 95923), (113, 96019), (120, 96070), (130, 96151), (133, 96178), (150, 96310), (152, 96322), (153, 96331), (155, 96352), (166, 96415), (169, 96457), (174, 96526), (176, 96550), (179, 96562), (181, 96571), (184, 96592), (189, 96610), (190, 96616), (194, 96643),

Gene: Solon_32 Start: 26557, Stop: 28035, Start Num: 24
Candidate Starts for Solon_32:
(Start: 24 @26557 has 237 MA's), (Start: 28 @26584 has 1 MA's), (31, 26620), (Start: 33 @26638 has 1 MA's), (40, 26704), (Start: 53 @26770 has 1 MA's), (58, 26797), (82, 26986), (104, 27136), (116, 27217), (117, 27220), (130, 27331), (133, 27358), (135, 27391), (152, 27568), (158, 27616), (159, 27628), (168, 27706), (178, 27820), (201, 27946), (211, 28018),

Gene: Sorpresa_32 Start: 25904, Stop: 27382, Start Num: 24
Candidate Starts for Sorpresa_32:
(Start: 24 @25904 has 237 MA's), (Start: 28 @25931 has 1 MA's), (31, 25967), (Start: 33 @25985 has 1 MA's), (40, 26051), (Start: 53 @26117 has 1 MA's), (58, 26144), (82, 26333), (104, 26483), (116, 26564), (117, 26567), (130, 26678), (133, 26705), (135, 26738), (158, 26963), (159, 26975), (168, 27053), (178, 27167), (211, 27365),

Gene: Spec_169 Start: 94928, Stop: 96004, Start Num: 54
Candidate Starts for Spec_169:
(Start: 54 @94928 has 192 MA's), (63, 94970), (64, 94973), (65, 94985), (70, 95009), (71, 95012), (78, 95069), (79, 95087), (84, 95141), (97, 95231), (101, 95252), (102, 95255), (113, 95351), (120, 95402), (130, 95483), (133, 95510), (150, 95642), (152, 95654), (153, 95663), (155, 95684), (166, 95747), (169, 95789), (174, 95858), (176, 95882), (179, 95894), (181, 95903), (184, 95924), (189, 95942), (190, 95948), (194, 95975),

Gene: Specks_178 Start: 96944, Stop: 98020, Start Num: 54
Candidate Starts for Specks_178:
(Start: 54 @96944 has 192 MA's), (63, 96986), (64, 96989), (65, 97001), (70, 97025), (71, 97028), (78, 97085), (79, 97103), (84, 97157), (97, 97247), (101, 97268), (102, 97271), (113, 97367), (120, 97418), (130, 97499), (133, 97526), (150, 97658), (152, 97670), (153, 97679), (155, 97700), (166, 97763), (169, 97805), (174, 97874), (176, 97898), (179, 97910), (181, 97919), (184, 97940), (189, 97958), (190, 97964), (194, 97991),

Gene: SpikeBT_34 Start: 26862, Stop: 28340, Start Num: 24
Candidate Starts for SpikeBT_34:
(Start: 24 @26862 has 237 MA's), (Start: 28 @26889 has 1 MA's), (31, 26925), (Start: 33 @26943 has 1 MA's), (40, 27009), (Start: 53 @27075 has 1 MA's), (58, 27102), (82, 27291), (104, 27441), (116, 27522), (117, 27525), (130, 27636), (133, 27663), (135, 27696), (158, 27921), (159, 27933), (168, 28011), (178, 28125), (211, 28323),

Gene: Sprinklers_170 Start: 94381, Stop: 95457, Start Num: 54
Candidate Starts for Sprinklers_170:
(Start: 54 @94381 has 192 MA's), (63, 94423), (64, 94426), (65, 94438), (70, 94462), (71, 94465), (78, 94522), (79, 94540), (84, 94594), (97, 94684), (101, 94705), (102, 94708), (113, 94804), (120, 94855), (130, 94936), (133, 94963), (150, 95095), (152, 95107), (153, 95116), (155, 95137), (166, 95200), (169, 95242), (174, 95311), (176, 95335), (179, 95347), (181, 95356), (184, 95377), (189, 95395), (190, 95401), (194, 95428),

Gene: Spud_171 Start: 95313, Stop: 96389, Start Num: 54
Candidate Starts for Spud_171:
(Start: 54 @95313 has 192 MA's), (63, 95355), (64, 95358), (65, 95370), (70, 95394), (71, 95397), (78, 95454), (79, 95472), (84, 95526), (97, 95616), (101, 95637), (102, 95640), (113, 95736), (120, 95787), (130, 95868), (133, 95895), (150, 96027), (152, 96039), (153, 96048), (155, 96069), (166, 96132), (169, 96174), (174, 96243), (176, 96267), (179, 96279), (181, 96288), (184, 96309), (189, 96327), (190, 96333), (194, 96360),

Gene: Squee_33 Start: 26811, Stop: 28289, Start Num: 24
Candidate Starts for Squee_33:
(8, 26637), (9, 26646), (13, 26694), (Start: 24 @26811 has 237 MA's), (Start: 28 @26838 has 1 MA's), (Start: 33 @26892 has 1 MA's), (40, 26958), (Start: 53 @27024 has 1 MA's), (58, 27051), (59, 27054), (82, 27240), (104, 27390), (116, 27471), (117, 27474), (130, 27585), (133, 27612), (135, 27645), (158, 27870), (159, 27882), (168, 27960), (178, 28074), (211, 28272),

Gene: SrishMeg2525_170 Start: 95434, Stop: 96510, Start Num: 54
Candidate Starts for SrishMeg2525_170:
(Start: 54 @95434 has 192 MA's), (63, 95476), (64, 95479), (65, 95491), (70, 95515), (71, 95518), (78, 95575), (79, 95593), (84, 95647), (97, 95737), (101, 95758), (102, 95761), (113, 95857), (120, 95908), (130, 95989), (133, 96016), (150, 96148), (152, 96160), (153, 96169), (155, 96190), (166, 96253), (169, 96295), (174, 96364), (176, 96388), (179, 96400), (181, 96409), (184, 96430), (189, 96448), (190, 96454), (194, 96481),

Gene: StephanieG_172 Start: 96506, Stop: 97582, Start Num: 54
Candidate Starts for StephanieG_172:
(Start: 54 @96506 has 192 MA's), (63, 96548), (64, 96551), (65, 96563), (70, 96587), (71, 96590), (78, 96647), (79, 96665), (84, 96719), (97, 96809), (101, 96830), (102, 96833), (113, 96929), (120, 96980), (130, 97061), (133, 97088), (150, 97220), (152, 97232), (153, 97241), (155, 97262), (166, 97325), (169, 97367), (174, 97436), (176, 97460), (179, 97472), (181, 97481), (184, 97502), (189, 97520), (190, 97526), (194, 97553),

Gene: StewieG_31 Start: 25747, Stop: 27225, Start Num: 24
Candidate Starts for StewieG_31:
(Start: 24 @25747 has 237 MA's), (Start: 28 @25774 has 1 MA's), (Start: 33 @25828 has 1 MA's), (40, 25894), (Start: 53 @25960 has 1 MA's), (58, 25987), (82, 26176), (104, 26326), (116, 26407), (117, 26410), (130, 26521), (133, 26548), (135, 26581), (158, 26806), (159, 26818), (168, 26896), (178, 27010), (211, 27208),

Gene: StrongArm_31 Start: 26946, Stop: 28424, Start Num: 24
Candidate Starts for StrongArm_31:
(9, 26781), (13, 26829), (Start: 24 @26946 has 237 MA's), (Start: 28 @26973 has 1 MA's), (Start: 33 @27027 has 1 MA's), (40, 27093), (Start: 53 @27159 has 1 MA's), (58, 27186), (82, 27375), (104, 27525), (116, 27606), (117, 27609), (130, 27720), (133, 27747), (135, 27780), (158, 28005), (159, 28017), (168, 28095), (178, 28209), (211, 28407),

Gene: Stubby_157 Start: 93597, Stop: 94673, Start Num: 54
Candidate Starts for Stubby_157:
(Start: 54 @93597 has 192 MA's), (63, 93639), (64, 93642), (65, 93654), (70, 93678), (71, 93681), (78, 93738), (79, 93756), (84, 93810), (97, 93900), (101, 93921), (102, 93924), (113, 94020), (120, 94071), (130, 94152), (133, 94179), (150, 94311), (152, 94323), (153, 94332), (155, 94353), (166, 94416), (169, 94458), (174, 94527), (176, 94551), (179, 94563), (181, 94572), (184, 94593), (189, 94611), (190, 94617), (194, 94644),

Gene: StubbySaigey_177 Start: 94680, Stop: 95756, Start Num: 54
Candidate Starts for StubbySaigey_177:
(Start: 54 @94680 has 192 MA's), (63, 94722), (64, 94725), (65, 94737), (70, 94761), (71, 94764), (78, 94821), (79, 94839), (84, 94893), (97, 94983), (101, 95004), (102, 95007), (113, 95103), (120, 95154), (130, 95235), (133, 95262), (150, 95394), (152, 95406), (153, 95415), (155, 95436), (166, 95499), (169, 95541), (174, 95610), (176, 95634), (179, 95646), (181, 95655), (184, 95676), (189, 95694), (190, 95700), (194, 95727),

Gene: Substance289_172 Start: 94683, Stop: 95759, Start Num: 54
Candidate Starts for Substance289_172:
(Start: 54 @94683 has 192 MA's), (63, 94725), (64, 94728), (65, 94740), (70, 94764), (71, 94767), (78, 94824), (79, 94842), (84, 94896), (97, 94986), (101, 95007), (102, 95010), (113, 95106), (120, 95157), (130, 95238), (133, 95265), (150, 95397), (152, 95409), (153, 95418), (155, 95439), (166, 95502), (169, 95544), (174, 95613), (176, 95637), (179, 95649), (181, 95658), (184, 95679), (189, 95697), (190, 95703), (194, 95730),

Gene: Sumter_31 Start: 25495, Stop: 26985, Start Num: 24
Candidate Starts for Sumter_31:
(9, 25330), (Start: 24 @25495 has 237 MA's), (Start: 28 @25522 has 1 MA's), (31, 25558), (Start: 33 @25576 has 1 MA's), (40, 25642), (58, 25735), (59, 25738), (64, 25762), (65, 25774), (71, 25810), (82, 25924), (98, 26032), (118, 26164), (123, 26215), (133, 26308), (135, 26341), (145, 26458), (147, 26473), (152, 26518), (159, 26578), (168, 26656), (172, 26731), (179, 26773), (211, 26968),

Gene: SwissCheese_34 Start: 26674, Stop: 28158, Start Num: 24
Candidate Starts for SwissCheese_34:
(Start: 24 @26674 has 237 MA's), (Start: 28 @26701 has 1 MA's), (31, 26737), (Start: 33 @26755 has 1 MA's), (40, 26821), (Start: 53 @26887 has 1 MA's), (65, 26953), (82, 27103), (104, 27253), (116, 27334), (117, 27337), (130, 27448), (133, 27475), (135, 27508), (152, 27685), (156, 27727), (159, 27745), (165, 27781), (168, 27823), (178, 27937), (179, 27940), (185, 27973), (196, 28027), (199, 28054), (210, 28129),

Gene: Switzer_33 Start: 26078, Stop: 27556, Start Num: 24
Candidate Starts for Switzer_33:
(1, 25820), (9, 25913), (13, 25961), (Start: 24 @26078 has 237 MA's), (Start: 28 @26105 has 1 MA's), (31, 26141), (Start: 33 @26159 has 1 MA's), (40, 26225), (59, 26321), (82, 26507), (104, 26657), (116, 26738), (117, 26741), (130, 26852), (133, 26879), (135, 26912), (158, 27137), (159, 27149), (168, 27227), (178, 27341), (211, 27539),

Gene: Swole_34 Start: 26487, Stop: 27965, Start Num: 24
Candidate Starts for Swole_34:
(1, 26229), (9, 26322), (13, 26370), (Start: 24 @26487 has 237 MA's), (Start: 28 @26514 has 1 MA's), (Start: 33 @26568 has 1 MA's), (40, 26634), (Start: 53 @26700 has 1 MA's), (58, 26727), (82, 26916), (91, 26961), (104, 27066), (116, 27147), (117, 27150), (130, 27261), (133, 27288), (135, 27321), (158, 27546), (159, 27558), (168, 27636), (178, 27750), (201, 27876), (211, 27948),

Gene: Tainan_176 Start: 96064, Stop: 97140, Start Num: 54
Candidate Starts for Tainan_176:
(Start: 54 @96064 has 192 MA's), (63, 96106), (64, 96109), (65, 96121), (70, 96145), (71, 96148), (78, 96205), (79, 96223), (84, 96277), (97, 96367), (101, 96388), (102, 96391), (113, 96487), (120, 96538), (130, 96619), (133, 96646), (150, 96778), (152, 96790), (153, 96799), (155, 96820), (166, 96883), (169, 96925), (174, 96994), (176, 97018), (179, 97030), (181, 97039), (184, 97060), (189, 97078), (190, 97084), (194, 97111),

Gene: Target_35 Start: 27461, Stop: 28939, Start Num: 24
Candidate Starts for Target_35:
(9, 27296), (13, 27344), (Start: 24 @27461 has 237 MA's), (Start: 28 @27488 has 1 MA's), (Start: 33 @27542 has 1 MA's), (40, 27608), (Start: 53 @27674 has 1 MA's), (58, 27701), (82, 27890), (104, 28040), (116, 28121), (117, 28124), (130, 28235), (133, 28262), (135, 28295), (158, 28520), (159, 28532), (168, 28610), (178, 28724), (211, 28922),

Gene: Tasp14_33 Start: 26179, Stop: 27657, Start Num: 24
Candidate Starts for Tasp14_33:
(Start: 24 @26179 has 237 MA's), (Start: 28 @26206 has 1 MA's), (Start: 33 @26260 has 1 MA's), (40, 26326), (Start: 53 @26392 has 1 MA's), (58, 26419), (82, 26608), (104, 26758), (116, 26839), (117, 26842), (130, 26953), (133, 26980), (135, 27013), (158, 27238), (159, 27250), (168, 27328), (178, 27442), (211, 27640),

Gene: Teardrop_171 Start: 94139, Stop: 95215, Start Num: 54

Candidate Starts for Teardrop_171:
(Start: 54 @94139 has 192 MA's), (63, 94181), (64, 94184), (65, 94196), (70, 94220), (71, 94223), (78, 94280), (79, 94298), (84, 94352), (97, 94442), (101, 94463), (102, 94466), (113, 94562), (120, 94613), (130, 94694), (133, 94721), (150, 94853), (152, 94865), (153, 94874), (155, 94895), (166, 94958), (169, 95000), (174, 95069), (176, 95093), (179, 95105), (181, 95114), (184, 95135), (189, 95153), (190, 95159), (194, 95186),

Gene: TelAviv_56 Start: 38566, Stop: 40056, Start Num: 23
Candidate Starts for TelAviv_56:
(Start: 23 @38566 has 34 MA's), (29, 38608), (43, 38737), (52, 38776), (64, 38833), (80, 38953), (82, 38989), (86, 39007), (95, 39064), (96, 39073), (100, 39109), (101, 39112), (102, 39115), (106, 39157), (113, 39202), (118, 39229), (136, 39421), (147, 39538), (154, 39595), (159, 39643), (168, 39721), (172, 39796), (178, 39835), (185, 39865), (195, 39913), (204, 39982),

Gene: Teodoridan_30 Start: 25309, Stop: 26787, Start Num: 23
Candidate Starts for Teodoridan_30:
(Start: 23 @25309 has 34 MA's), (Start: 28 @25336 has 1 MA's), (Start: 33 @25390 has 1 MA's), (40, 25456), (Start: 53 @25522 has 1 MA's), (58, 25549), (82, 25738), (104, 25888), (116, 25969), (117, 25972), (130, 26083), (133, 26110), (135, 26143), (158, 26368), (159, 26380), (168, 26458), (178, 26572), (211, 26770),

Gene: TheloniousMonk_34 Start: 27605, Stop: 29083, Start Num: 24
Candidate Starts for TheloniousMonk_34:
(9, 27440), (13, 27488), (Start: 24 @27605 has 237 MA's), (Start: 28 @27632 has 1 MA's), (31, 27668), (Start: 33 @27686 has 1 MA's), (40, 27752), (45, 27782), (Start: 53 @27818 has 1 MA's), (58, 27845), (82, 28034), (104, 28184), (116, 28265), (117, 28268), (130, 28379), (133, 28406), (135, 28439), (158, 28664), (159, 28676), (168, 28754), (178, 28868), (211, 29066),

Gene: Thibault_36 Start: 32293, Stop: 33801, Start Num: 24
Candidate Starts for Thibault_36:
(5, 32083), (10, 32140), (16, 32200), (20, 32236), (Start: 24 @32293 has 237 MA's), (44, 32464), (71, 32614), (82, 32728), (94, 32797), (98, 32836), (113, 32941), (123, 33019), (129, 33082), (137, 33181), (152, 33322), (156, 33364), (159, 33382), (164, 33403), (168, 33460), (178, 33574), (179, 33577), (180, 33580), (187, 33616), (196, 33664),

Gene: Thor_32 Start: 26066, Stop: 27544, Start Num: 24
Candidate Starts for Thor_32:
(1, 25808), (9, 25901), (13, 25949), (Start: 24 @26066 has 237 MA's), (Start: 28 @26093 has 1 MA's), (Start: 33 @26147 has 1 MA's), (40, 26213), (Start: 53 @26279 has 1 MA's), (58, 26306), (82, 26495), (104, 26645), (116, 26726), (117, 26729), (126, 26795), (130, 26840), (133, 26867), (135, 26900), (158, 27125), (159, 27137), (168, 27215), (178, 27329), (201, 27455), (211, 27527),

Gene: ThreeRngTarjay_38 Start: 32283, Stop: 33788, Start Num: 24
Candidate Starts for ThreeRngTarjay_38:
(4, 32058), (20, 32226), (22, 32280), (Start: 24 @32283 has 237 MA's), (30, 32331), (44, 32454), (71, 32604), (72, 32607), (82, 32718), (98, 32826), (103, 32856), (118, 32958), (130, 33075), (135, 33135), (136, 33150), (152, 33312), (154, 33324), (159, 33372), (165, 33408), (168, 33450), (173, 33528), (179, 33567), (180, 33570), (185, 33600), (192, 33630), (196, 33654),

Gene: Thumb_30 Start: 28525, Stop: 29733, Start Num: 35
Candidate Starts for Thumb_30:
(Start: 35 @28525 has 12 MA's), (38, 28552), (41, 28591), (56, 28669), (62, 28693), (65, 28717), (84, 28870), (89, 28882), (90, 28900), (98, 28966), (99, 28975), (100, 28978), (102, 28984), (106, 29023),

(107, 29026), (118, 29107), (124, 29164), (133, 29242), (139, 29272), (148, 29317), (150, 29338), (153, 29359), (154, 29362), (157, 29395), (170, 29503), (176, 29590), (177, 29596), (186, 29650), (191, 29674), (194, 29692),

Gene: Timshel_5 Start: 2345, Stop: 3565, Start Num: 36
Candidate Starts for Timshel_5:
(Start: 36 @2345 has 3 MA's), (51, 2435), (55, 2459), (66, 2507), (70, 2531), (73, 2540), (83, 2648), (93, 2705), (102, 2768), (107, 2810), (109, 2822), (114, 2867), (117, 2885), (122, 2936), (125, 2948), (133, 3014), (142, 3101), (151, 3194), (158, 3251), (176, 3446), (188, 3497), (194, 3533),

Gene: TinyTim_172 Start: 94843, Stop: 95919, Start Num: 54
Candidate Starts for TinyTim_172:
(Start: 54 @94843 has 192 MA's), (63, 94885), (64, 94888), (65, 94900), (70, 94924), (71, 94927), (78, 94984), (79, 95002), (84, 95056), (97, 95146), (101, 95167), (102, 95170), (113, 95266), (120, 95317), (130, 95398), (133, 95425), (150, 95557), (152, 95569), (153, 95578), (155, 95599), (166, 95662), (169, 95704), (174, 95773), (176, 95797), (179, 95809), (181, 95818), (184, 95839), (189, 95857), (190, 95863), (194, 95890),

Gene: Tonenili_190 Start: 99591, Stop: 100667, Start Num: 54
Candidate Starts for Tonenili_190:
(Start: 54 @99591 has 192 MA's), (63, 99633), (64, 99636), (65, 99648), (70, 99672), (71, 99675), (78, 99732), (79, 99750), (84, 99804), (97, 99894), (101, 99915), (102, 99918), (113, 100014), (120, 100065), (130, 100146), (133, 100173), (150, 100305), (152, 100317), (153, 100326), (155, 100347), (156, 100359), (166, 100410), (169, 100452), (174, 100521), (176, 100545), (179, 100557), (181, 100566), (184, 100587), (189, 100605), (190, 100611), (194, 100638),

Gene: Topgun_32 Start: 25819, Stop: 27300, Start Num: 24
Candidate Starts for Topgun_32:
(9, 25654), (Start: 24 @25819 has 237 MA's), (Start: 28 @25846 has 1 MA's), (Start: 33 @25900 has 1 MA's), (40, 25966), (Start: 53 @26032 has 1 MA's), (65, 26098), (82, 26248), (104, 26398), (116, 26479), (117, 26482), (130, 26593), (133, 26620), (135, 26653), (152, 26830), (156, 26872), (159, 26890), (165, 26926), (168, 26968), (179, 27085), (180, 27088), (196, 27172), (197, 27181),

Gene: Toro_5 Start: 2346, Stop: 3569, Start Num: 37
Candidate Starts for Toro_5:
(Start: 37 @2346 has 1 MA's), (49, 2433), (63, 2493), (70, 2532), (71, 2535), (82, 2643), (88, 2664), (100, 2763), (102, 2769), (105, 2802), (107, 2811), (111, 2835), (113, 2862), (117, 2886), (126, 2952), (133, 3018), (146, 3159), (147, 3162), (149, 3177), (159, 3267), (172, 3417), (179, 3459), (194, 3534),

Gene: Tortoise16_172 Start: 95380, Stop: 96456, Start Num: 54
Candidate Starts for Tortoise16_172:
(Start: 54 @95380 has 192 MA's), (63, 95422), (64, 95425), (65, 95437), (70, 95461), (71, 95464), (78, 95521), (79, 95539), (84, 95593), (97, 95683), (101, 95704), (102, 95707), (113, 95803), (120, 95854), (130, 95935), (133, 95962), (150, 96094), (152, 96106), (153, 96115), (155, 96136), (166, 96199), (169, 96241), (174, 96310), (176, 96334), (179, 96346), (181, 96355), (184, 96376), (189, 96394), (190, 96400), (194, 96427),

Gene: Traft412_34 Start: 26862, Stop: 28340, Start Num: 24
Candidate Starts for Traft412_34:
(1, 26604), (9, 26697), (Start: 24 @26862 has 237 MA's), (Start: 28 @26889 has 1 MA's), (31, 26925), (Start: 33 @26943 has 1 MA's), (40, 27009), (45, 27039), (Start: 53 @27075 has 1 MA's), (58, 27102), (82, 27291), (91, 27336), (104, 27441), (116, 27522), (117, 27525), (130, 27636), (133, 27663), (135, 27696), (152, 27873), (158, 27921), (159, 27933), (168, 28011), (178, 28125), (211, 28323),

Gene: Treddle_34 Start: 27152, Stop: 28630, Start Num: 24
Candidate Starts for Treddle_34:
(9, 26987), (13, 27035), (Start: 24 @27152 has 237 MA's), (Start: 28 @27179 has 1 MA's), (Start: 33 @27233 has 1 MA's), (40, 27299), (45, 27329), (Start: 53 @27365 has 1 MA's), (56, 27383), (58, 27392), (82, 27581), (91, 27626), (104, 27731), (116, 27812), (117, 27815), (130, 27926), (133, 27953), (135, 27986), (158, 28211), (159, 28223), (168, 28301), (178, 28415), (211, 28613),

Gene: Trinitium_172 Start: 95073, Stop: 96149, Start Num: 54
Candidate Starts for Trinitium_172:
(Start: 54 @95073 has 192 MA's), (63, 95115), (64, 95118), (65, 95130), (70, 95154), (71, 95157), (78, 95214), (79, 95232), (84, 95286), (97, 95376), (101, 95397), (102, 95400), (113, 95496), (120, 95547), (130, 95628), (133, 95655), (150, 95787), (152, 95799), (153, 95808), (155, 95829), (166, 95892), (169, 95934), (174, 96003), (176, 96027), (179, 96039), (181, 96048), (184, 96069), (189, 96087), (190, 96093), (194, 96120),

Gene: Tripl3t_33 Start: 26818, Stop: 28302, Start Num: 24
Candidate Starts for Tripl3t_33:
(1, 26560), (8, 26644), (9, 26653), (Start: 24 @26818 has 237 MA's), (Start: 28 @26845 has 1 MA's), (Start: 33 @26899 has 1 MA's), (40, 26965), (Start: 53 @27031 has 1 MA's), (58, 27058), (82, 27247), (91, 27292), (104, 27397), (116, 27478), (117, 27481), (130, 27592), (133, 27619), (135, 27652), (152, 27829), (156, 27871), (159, 27889), (165, 27925), (168, 27967), (178, 28081), (179, 28084), (185, 28117), (196, 28171), (199, 28198), (210, 28273),

Gene: Trouble_33 Start: 26765, Stop: 28243, Start Num: 24
Candidate Starts for Trouble_33:
(9, 26600), (13, 26648), (Start: 24 @26765 has 237 MA's), (31, 26828), (Start: 33 @26846 has 1 MA's), (40, 26912), (Start: 53 @26978 has 1 MA's), (58, 27005), (82, 27194), (104, 27344), (116, 27425), (117, 27428), (130, 27539), (133, 27566), (135, 27599), (158, 27824), (159, 27836), (168, 27914), (178, 28028), (211, 28226),

Gene: Turj99_31 Start: 25705, Stop: 27183, Start Num: 24
Candidate Starts for Turj99_31:
(8, 25531), (9, 25540), (Start: 24 @25705 has 237 MA's), (Start: 28 @25732 has 1 MA's), (31, 25768), (Start: 33 @25786 has 1 MA's), (40, 25852), (Start: 53 @25918 has 1 MA's), (58, 25945), (59, 25948), (82, 26134), (104, 26284), (116, 26365), (117, 26368), (130, 26479), (133, 26506), (135, 26539), (158, 26764), (159, 26776), (168, 26854), (178, 26968), (211, 27166),

Gene: Turret_169 Start: 94655, Stop: 95731, Start Num: 54
Candidate Starts for Turret_169:
(Start: 54 @94655 has 192 MA's), (63, 94697), (64, 94700), (65, 94712), (70, 94736), (71, 94739), (78, 94796), (79, 94814), (84, 94868), (97, 94958), (101, 94979), (102, 94982), (113, 95078), (120, 95129), (130, 95210), (133, 95237), (150, 95369), (152, 95381), (153, 95390), (155, 95411), (166, 95474), (169, 95516), (174, 95585), (176, 95609), (179, 95621), (181, 95630), (184, 95651), (189, 95669), (190, 95675), (194, 95702),

Gene: TwoPeat_33 Start: 26286, Stop: 27764, Start Num: 24
Candidate Starts for TwoPeat_33:
(Start: 24 @26286 has 237 MA's), (Start: 28 @26313 has 1 MA's), (31, 26349), (Start: 33 @26367 has 1 MA's), (40, 26433), (Start: 53 @26499 has 1 MA's), (58, 26526), (82, 26715), (91, 26760), (104, 26865), (116, 26946), (117, 26949), (130, 27060), (133, 27087), (135, 27120), (152, 27297), (158, 27345), (159, 27357), (168, 27435), (178, 27549), (209, 27711), (211, 27747),

Gene: Tyke_173 Start: 96313, Stop: 97389, Start Num: 54
Candidate Starts for Tyke_173:
(Start: 54 @96313 has 192 MA's), (63, 96355), (64, 96358), (65, 96370), (70, 96394), (71, 96397), (78, 96454), (79, 96472), (84, 96526), (97, 96616), (101, 96637), (102, 96640), (113, 96736), (120, 96787), (130, 96868), (133, 96895), (150, 97027), (152, 97039), (153, 97048), (155, 97069), (166, 97132), (169, 97174), (174, 97243), (176, 97267), (179, 97279), (181, 97288), (184, 97309), (189, 97327), (190, 97333), (194, 97360),

Gene: U2_32 Start: 26165, Stop: 27562, Start Num: 33
Candidate Starts for U2_32:
(1, 25826), (9, 25919), (Start: 24 @26084 has 237 MA's), (Start: 28 @26111 has 1 MA's), (Start: 33 @26165 has 1 MA's), (40, 26231), (Start: 53 @26297 has 1 MA's), (58, 26324), (82, 26513), (104, 26663), (116, 26744), (117, 26747), (130, 26858), (133, 26885), (135, 26918), (152, 27095), (158, 27143), (159, 27155), (168, 27233), (178, 27347), (201, 27473), (211, 27545),

Gene: Vagabond_59 Start: 38429, Stop: 39919, Start Num: 23
Candidate Starts for Vagabond_59:
(Start: 23 @38429 has 34 MA's), (29, 38471), (43, 38600), (52, 38639), (64, 38696), (80, 38816), (82, 38852), (86, 38870), (95, 38927), (96, 38936), (100, 38972), (101, 38975), (102, 38978), (106, 39020), (113, 39065), (118, 39092), (136, 39284), (147, 39401), (154, 39458), (159, 39506), (168, 39584), (172, 39659), (178, 39698), (185, 39728), (195, 39776), (204, 39845),

Gene: ValleyTerrace_174 Start: 94447, Stop: 95523, Start Num: 54
Candidate Starts for ValleyTerrace_174:
(Start: 54 @94447 has 192 MA's), (63, 94489), (64, 94492), (65, 94504), (70, 94528), (71, 94531), (78, 94588), (79, 94606), (84, 94660), (97, 94750), (101, 94771), (102, 94774), (113, 94870), (120, 94921), (130, 95002), (133, 95029), (150, 95161), (152, 95173), (153, 95182), (155, 95203), (166, 95266), (169, 95308), (174, 95377), (176, 95401), (179, 95413), (181, 95422), (184, 95443), (189, 95461), (190, 95467), (194, 95494),

Gene: Violet_31 Start: 26491, Stop: 27975, Start Num: 24
Candidate Starts for Violet_31:
(Start: 24 @26491 has 237 MA's), (Start: 28 @26518 has 1 MA's), (31, 26554), (Start: 33 @26572 has 1 MA's), (40, 26638), (Start: 53 @26704 has 1 MA's), (58, 26731), (82, 26920), (104, 27070), (116, 27151), (117, 27154), (130, 27265), (133, 27292), (135, 27325), (152, 27502), (156, 27544), (159, 27562), (165, 27598), (168, 27640), (178, 27754), (179, 27757), (185, 27790), (196, 27844), (199, 27871), (210, 27946),

Gene: Vorrps_59 Start: 38641, Stop: 40131, Start Num: 23
Candidate Starts for Vorrps_59:
(Start: 23 @38641 has 34 MA's), (29, 38683), (43, 38812), (52, 38851), (64, 38908), (80, 39028), (82, 39064), (86, 39082), (95, 39139), (96, 39148), (100, 39184), (101, 39187), (102, 39190), (106, 39232), (113, 39277), (118, 39304), (136, 39496), (147, 39613), (154, 39670), (159, 39718), (168, 39796), (172, 39871), (178, 39910), (185, 39940), (195, 39988), (204, 40057),

Gene: Vortrix_190 Start: 98554, Stop: 99630, Start Num: 54
Candidate Starts for Vortrix_190:
(Start: 54 @98554 has 192 MA's), (63, 98596), (64, 98599), (65, 98611), (70, 98635), (71, 98638), (78, 98695), (79, 98713), (84, 98767), (97, 98857), (101, 98878), (102, 98881), (113, 98977), (120, 99028), (130, 99109), (133, 99136), (150, 99268), (152, 99280), (153, 99289), (155, 99310), (156, 99322), (166, 99373), (169, 99415), (174, 99484), (176, 99508), (179, 99520), (181, 99529), (184, 99550), (189, 99568), (190, 99574), (194, 99601),

Gene: Wally_173 Start: 94663, Stop: 95739, Start Num: 54
Candidate Starts for Wally_173:
(Start: 54 @94663 has 192 MA's), (63, 94705), (64, 94708), (65, 94720), (70, 94744), (71, 94747), (78, 94804), (79, 94822), (84, 94876), (97, 94966), (101, 94987), (102, 94990), (113, 95086), (120, 95137), (130, 95218), (133, 95245), (150, 95377), (152, 95389), (153, 95398), (155, 95419), (166, 95482), (169, 95524), (174, 95593), (176, 95617), (179, 95629), (181, 95638), (184, 95659), (189, 95677), (190, 95683), (194, 95710),

Gene: Watermelon_34 Start: 26827, Stop: 28311, Start Num: 24
Candidate Starts for Watermelon_34:
(2, 26590), (Start: 24 @26827 has 237 MA's), (Start: 28 @26854 has 1 MA's), (Start: 33 @26908 has 1 MA's), (40, 26974), (58, 27067), (59, 27070), (82, 27256), (104, 27406), (116, 27487), (117, 27490), (130, 27601), (133, 27628), (135, 27661), (152, 27838), (156, 27880), (159, 27898), (165, 27934), (168, 27976), (178, 28090), (179, 28093), (185, 28126), (196, 28180), (199, 28207), (210, 28282),

Gene: Wheeler_32 Start: 26259, Stop: 27737, Start Num: 24
Candidate Starts for Wheeler_32:
(9, 26094), (Start: 24 @26259 has 237 MA's), (Start: 28 @26286 has 1 MA's), (31, 26322), (Start: 33 @26340 has 1 MA's), (40, 26406), (Start: 53 @26472 has 1 MA's), (58, 26499), (82, 26688), (91, 26733), (104, 26838), (116, 26919), (117, 26922), (130, 27033), (133, 27060), (135, 27093), (158, 27318), (159, 27330), (168, 27408), (178, 27522), (211, 27720),

Gene: Whitspit_33 Start: 26611, Stop: 28089, Start Num: 24
Candidate Starts for Whitspit_33:
(Start: 24 @26611 has 237 MA's), (Start: 28 @26638 has 1 MA's), (31, 26674), (Start: 33 @26692 has 1 MA's), (40, 26758), (Start: 53 @26824 has 1 MA's), (58, 26851), (82, 27040), (104, 27190), (130, 27385), (133, 27412), (135, 27445), (152, 27622), (158, 27670), (159, 27682), (168, 27760), (178, 27874), (211, 28072),

Gene: Wildflower_59 Start: 38153, Stop: 39643, Start Num: 23
Candidate Starts for Wildflower_59:
(Start: 23 @38153 has 34 MA's), (29, 38195), (43, 38324), (52, 38363), (64, 38420), (82, 38576), (86, 38594), (95, 38651), (96, 38660), (101, 38699), (102, 38702), (106, 38744), (113, 38789), (118, 38816), (136, 39008), (147, 39125), (154, 39182), (159, 39230), (168, 39308), (172, 39383), (178, 39422), (185, 39452), (195, 39500), (204, 39569),

Gene: Wilkins_32 Start: 25750, Stop: 27231, Start Num: 24
Candidate Starts for Wilkins_32:
(9, 25585), (Start: 24 @25750 has 237 MA's), (Start: 28 @25777 has 1 MA's), (Start: 33 @25831 has 1 MA's), (40, 25897), (Start: 53 @25963 has 1 MA's), (65, 26029), (82, 26179), (104, 26329), (116, 26410), (117, 26413), (130, 26524), (133, 26551), (135, 26584), (152, 26761), (156, 26803), (159, 26821), (165, 26857), (168, 26899), (179, 27016), (180, 27019), (196, 27103), (197, 27112),

Gene: Willis_172 Start: 95094, Stop: 96170, Start Num: 54
Candidate Starts for Willis_172:
(Start: 54 @95094 has 192 MA's), (63, 95136), (64, 95139), (65, 95151), (70, 95175), (71, 95178), (78, 95235), (79, 95253), (84, 95307), (97, 95397), (101, 95418), (102, 95421), (113, 95517), (120, 95568), (130, 95649), (133, 95676), (150, 95808), (152, 95820), (153, 95829), (155, 95850), (166, 95913), (169, 95955), (174, 96024), (176, 96048), (179, 96060), (181, 96069), (184, 96090), (189, 96108), (190, 96114), (194, 96141),

Gene: Winget_60 Start: 38859, Stop: 40349, Start Num: 23
Candidate Starts for Winget_60:

(Start: 23 @38859 has 34 MA's), (29, 38901), (43, 39030), (52, 39069), (64, 39126), (80, 39246), (82, 39282), (86, 39300), (95, 39357), (96, 39366), (100, 39402), (101, 39405), (102, 39408), (106, 39450), (113, 39495), (118, 39522), (136, 39714), (147, 39831), (154, 39888), (159, 39936), (168, 40014), (172, 40089), (178, 40128), (185, 40158), (195, 40206), (204, 40275),

Gene: Wogge42_58 Start: 38300, Stop: 39790, Start Num: 23
Candidate Starts for Wogge42_58:
(Start: 23 @38300 has 34 MA's), (29, 38342), (43, 38471), (52, 38510), (64, 38567), (80, 38687), (82, 38723), (86, 38741), (95, 38798), (96, 38807), (100, 38843), (101, 38846), (102, 38849), (106, 38891), (113, 38936), (118, 38963), (136, 39155), (147, 39272), (154, 39329), (159, 39377), (168, 39455), (172, 39530), (178, 39569), (185, 39599), (195, 39647), (204, 39716),

Gene: Xiaokay_37 Start: 31697, Stop: 33205, Start Num: 24
Candidate Starts for Xiaokay_37:
(5, 31487), (10, 31544), (16, 31604), (20, 31640), (Start: 24 @31697 has 237 MA's), (44, 31868), (71, 32018), (82, 32132), (94, 32201), (98, 32240), (113, 32345), (123, 32423), (129, 32486), (137, 32585), (152, 32726), (156, 32768), (159, 32786), (164, 32807), (168, 32864), (178, 32978), (179, 32981), (180, 32984), (187, 33020), (196, 33068),

Gene: Yassified_170 Start: 94361, Stop: 95437, Start Num: 54
Candidate Starts for Yassified_170:
(Start: 54 @94361 has 192 MA's), (63, 94403), (64, 94406), (65, 94418), (70, 94442), (71, 94445), (78, 94502), (79, 94520), (84, 94574), (97, 94664), (101, 94685), (102, 94688), (113, 94784), (120, 94835), (130, 94916), (133, 94943), (150, 95075), (152, 95087), (153, 95096), (155, 95117), (166, 95180), (169, 95222), (174, 95291), (176, 95315), (179, 95327), (181, 95336), (184, 95357), (189, 95375), (190, 95381), (194, 95408),

Gene: Yeet_38 Start: 31417, Stop: 32919, Start Num: 24
Candidate Starts for Yeet_38:
(7, 31228), (8, 31246), (10, 31264), (11, 31267), (18, 31348), (19, 31357), (Start: 24 @31417 has 237 MA's), (26, 31429), (30, 31465), (31, 31480), (32, 31483), (59, 31666), (64, 31690), (65, 31702), (67, 31720), (79, 31804), (82, 31846), (94, 31915), (113, 32059), (118, 32086), (121, 32131), (123, 32137), (125, 32146), (129, 32203), (133, 32233), (140, 32326), (152, 32443), (157, 32488), (159, 32503), (160, 32509), (165, 32539), (168, 32581), (176, 32686), (185, 32731), (187, 32737), (196, 32785), (200, 32815), (205, 32845), (208, 32854),

Gene: YemiJoy2021_173 Start: 95850, Stop: 96926, Start Num: 54
Candidate Starts for YemiJoy2021_173:
(Start: 54 @95850 has 192 MA's), (63, 95892), (64, 95895), (65, 95907), (70, 95931), (71, 95934), (78, 95991), (79, 96009), (84, 96063), (97, 96153), (101, 96174), (102, 96177), (113, 96273), (120, 96324), (130, 96405), (133, 96432), (150, 96564), (152, 96576), (153, 96585), (155, 96606), (166, 96669), (169, 96711), (174, 96780), (176, 96804), (179, 96816), (181, 96825), (184, 96846), (189, 96864), (190, 96870), (194, 96897),

Gene: YoungMoneyMata_174 Start: 95438, Stop: 96514, Start Num: 54
Candidate Starts for YoungMoneyMata_174:
(Start: 54 @95438 has 192 MA's), (63, 95480), (64, 95483), (65, 95495), (70, 95519), (71, 95522), (78, 95579), (79, 95597), (84, 95651), (97, 95741), (101, 95762), (102, 95765), (113, 95861), (120, 95912), (130, 95993), (133, 96020), (150, 96152), (152, 96164), (153, 96173), (155, 96194), (166, 96257), (169, 96299), (174, 96368), (176, 96392), (179, 96404), (181, 96413), (184, 96434), (189, 96452), (190, 96458), (194, 96485),

Gene: YoyoKar_57 Start: 38143, Stop: 39633, Start Num: 23

Candidate Starts for YoyoKar_57:
(Start: 23 @38143 has 34 MA's), (29, 38185), (43, 38314), (52, 38353), (64, 38410), (80, 38530), (82, 38566), (86, 38584), (95, 38641), (96, 38650), (100, 38686), (101, 38689), (102, 38692), (106, 38734), (113, 38779), (118, 38806), (136, 38998), (147, 39115), (154, 39172), (159, 39220), (168, 39298), (172, 39373), (178, 39412), (185, 39442), (195, 39490), (204, 39559),

Gene: Yucca_172 Start: 95407, Stop: 96483, Start Num: 54
Candidate Starts for Yucca_172:
(Start: 54 @95407 has 192 MA's), (63, 95449), (64, 95452), (65, 95464), (70, 95488), (71, 95491), (78, 95548), (79, 95566), (84, 95620), (97, 95710), (101, 95731), (102, 95734), (113, 95830), (120, 95881), (130, 95962), (133, 95989), (150, 96121), (152, 96133), (153, 96142), (155, 96163), (166, 96226), (169, 96268), (174, 96337), (176, 96361), (179, 96373), (181, 96382), (184, 96403), (189, 96421), (190, 96427), (194, 96454),

Gene: YungJamal_64 Start: 40051, Stop: 41541, Start Num: 23
Candidate Starts for YungJamal_64:
(Start: 23 @40051 has 34 MA's), (29, 40093), (43, 40222), (52, 40261), (64, 40318), (82, 40474), (86, 40492), (95, 40549), (96, 40558), (101, 40597), (102, 40600), (106, 40642), (113, 40687), (118, 40714), (136, 40906), (147, 41023), (154, 41080), (159, 41128), (168, 41206), (172, 41281), (178, 41320), (185, 41350), (195, 41398), (204, 41467),

Gene: Zakhe101_59 Start: 38697, Stop: 40187, Start Num: 23
Candidate Starts for Zakhe101_59:
(Start: 23 @38697 has 34 MA's), (29, 38739), (43, 38868), (52, 38907), (64, 38964), (82, 39120), (86, 39138), (95, 39195), (96, 39204), (101, 39243), (102, 39246), (106, 39288), (113, 39333), (118, 39360), (136, 39552), (147, 39669), (154, 39726), (159, 39774), (168, 39852), (172, 39927), (178, 39966), (185, 39996), (195, 40044), (204, 40113),

Gene: Zalkecks_172 Start: 94923, Stop: 95999, Start Num: 54
Candidate Starts for Zalkecks_172:
(Start: 54 @94923 has 192 MA's), (63, 94965), (64, 94968), (65, 94980), (70, 95004), (71, 95007), (78, 95064), (79, 95082), (84, 95136), (97, 95226), (101, 95247), (102, 95250), (113, 95346), (120, 95397), (130, 95478), (133, 95505), (150, 95637), (152, 95649), (153, 95658), (155, 95679), (166, 95742), (169, 95784), (174, 95853), (176, 95877), (179, 95889), (181, 95898), (184, 95919), (189, 95937), (190, 95943), (194, 95970),

Gene: Zebo_59 Start: 38602, Stop: 40092, Start Num: 23
Candidate Starts for Zebo_59:
(Start: 23 @38602 has 34 MA's), (29, 38644), (43, 38773), (52, 38812), (64, 38869), (80, 38989), (82, 39025), (86, 39043), (95, 39100), (96, 39109), (100, 39145), (101, 39148), (102, 39151), (106, 39193), (113, 39238), (118, 39265), (136, 39457), (147, 39574), (154, 39631), (159, 39679), (168, 39757), (172, 39832), (178, 39871), (185, 39901), (195, 39949), (204, 40018),

Gene: Zeeculate_32 Start: 26698, Stop: 28188, Start Num: 24
Candidate Starts for Zeeculate_32:
(1, 26440), (9, 26533), (Start: 24 @26698 has 237 MA's), (Start: 28 @26725 has 1 MA's), (Start: 33 @26779 has 1 MA's), (40, 26845), (59, 26941), (64, 26965), (65, 26977), (71, 27013), (82, 27127), (98, 27235), (118, 27367), (123, 27418), (133, 27511), (135, 27544), (137, 27580), (145, 27661), (147, 27676), (152, 27721), (158, 27769), (159, 27781), (168, 27859), (172, 27934), (179, 27976), (211, 28171),

Gene: Zeenon_174 Start: 95493, Stop: 96569, Start Num: 54
Candidate Starts for Zeenon_174:

(Start: 54 @95493 has 192 MA's), (63, 95535), (64, 95538), (65, 95550), (70, 95574), (71, 95577), (78, 95634), (79, 95652), (84, 95706), (97, 95796), (101, 95817), (102, 95820), (113, 95916), (120, 95967), (130, 96048), (133, 96075), (150, 96207), (152, 96219), (153, 96228), (155, 96249), (166, 96312), (169, 96354), (174, 96423), (176, 96447), (179, 96459), (181, 96468), (184, 96489), (189, 96507), (190, 96513), (194, 96540),

Gene: Zelink_41 Start: 33227, Stop: 34732, Start Num: 24
Candidate Starts for Zelink_41:
(4, 33002), (20, 33170), (22, 33224), (Start: 24 @33227 has 237 MA's), (30, 33275), (44, 33398), (71, 33548), (72, 33551), (82, 33662), (98, 33770), (103, 33800), (118, 33902), (130, 34019), (135, 34079), (136, 34094), (152, 34256), (154, 34268), (159, 34316), (165, 34352), (168, 34394), (173, 34472), (179, 34511), (180, 34514), (185, 34544), (192, 34574), (196, 34598),

Gene: Zephyr_32 Start: 26060, Stop: 27538, Start Num: 24
Candidate Starts for Zephyr_32:
(9, 25895), (Start: 24 @26060 has 237 MA's), (Start: 28 @26087 has 1 MA's), (31, 26123), (Start: 33 @26141 has 1 MA's), (40, 26207), (Start: 53 @26273 has 1 MA's), (58, 26300), (82, 26489), (91, 26534), (104, 26639), (116, 26720), (117, 26723), (130, 26834), (133, 26861), (135, 26894), (152, 27071), (158, 27119), (159, 27131), (168, 27209), (178, 27323), (211, 27521),

Gene: Zeuska_33 Start: 26494, Stop: 27972, Start Num: 24
Candidate Starts for Zeuska_33:
(Start: 24 @26494 has 237 MA's), (Start: 28 @26521 has 1 MA's), (Start: 33 @26575 has 1 MA's), (40, 26641), (Start: 53 @26707 has 1 MA's), (56, 26725), (58, 26734), (82, 26923), (104, 27073), (113, 27133), (116, 27154), (117, 27157), (130, 27268), (133, 27295), (135, 27328), (158, 27553), (159, 27565), (168, 27643), (178, 27757), (211, 27955),

Gene: ZygoTaiga_169 Start: 96114, Stop: 97190, Start Num: 54
Candidate Starts for ZygoTaiga_169:
(Start: 54 @96114 has 192 MA's), (63, 96156), (64, 96159), (65, 96171), (70, 96195), (71, 96198), (78, 96255), (79, 96273), (84, 96327), (97, 96417), (101, 96438), (102, 96441), (113, 96537), (120, 96588), (130, 96669), (133, 96696), (150, 96828), (152, 96840), (153, 96849), (155, 96870), (166, 96933), (169, 96975), (174, 97044), (176, 97068), (179, 97080), (181, 97089), (184, 97110), (189, 97128), (190, 97134), (194, 97161),