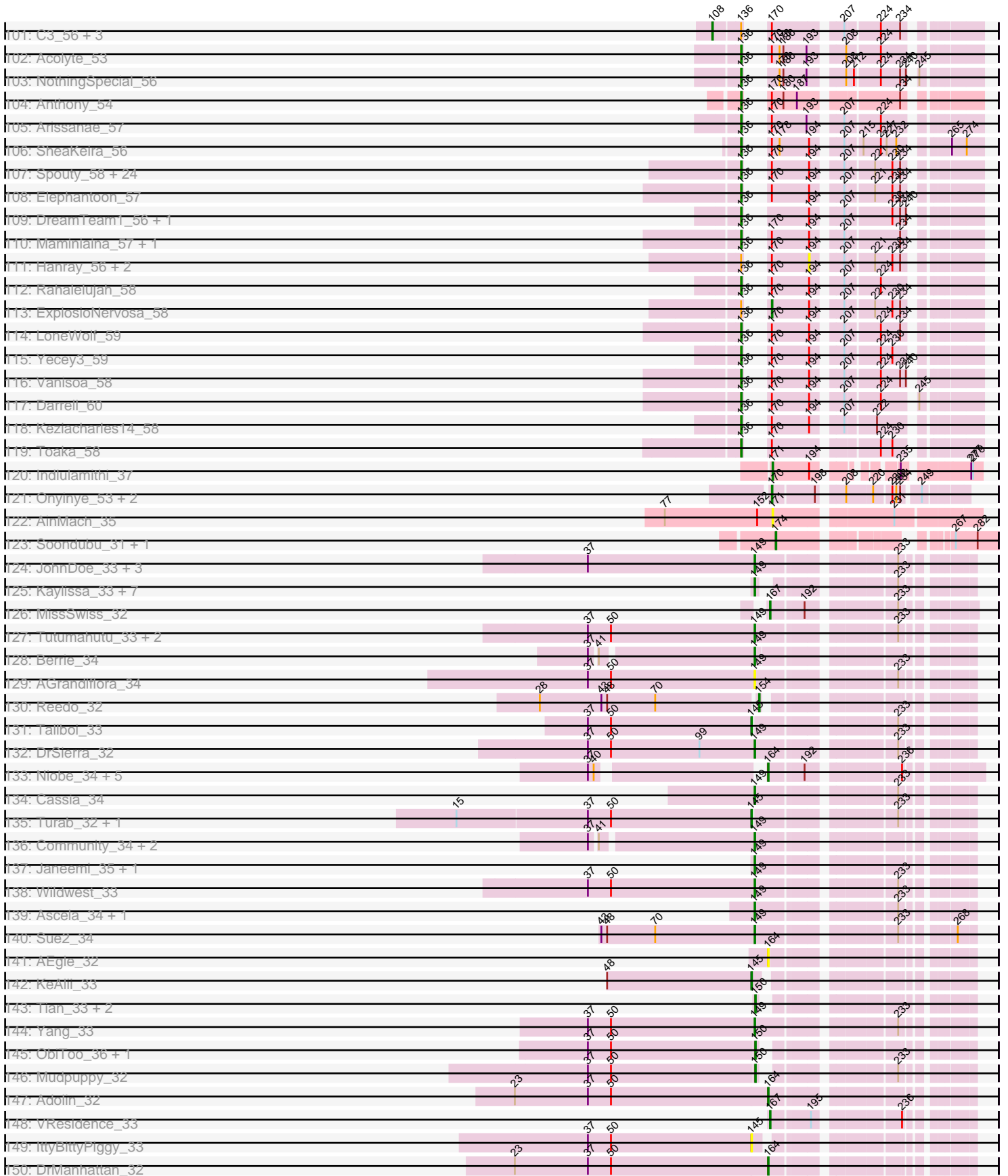


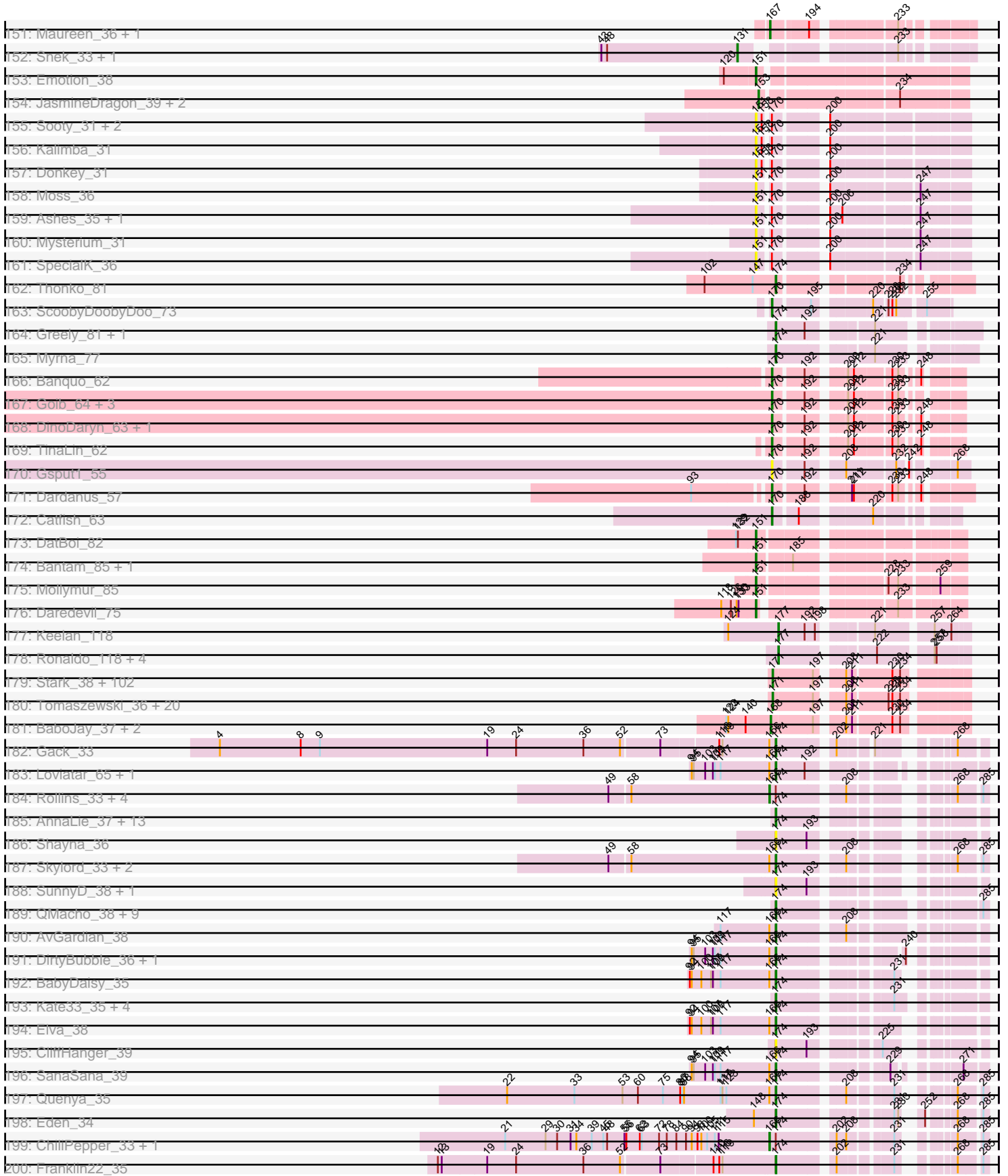
Pham 196154



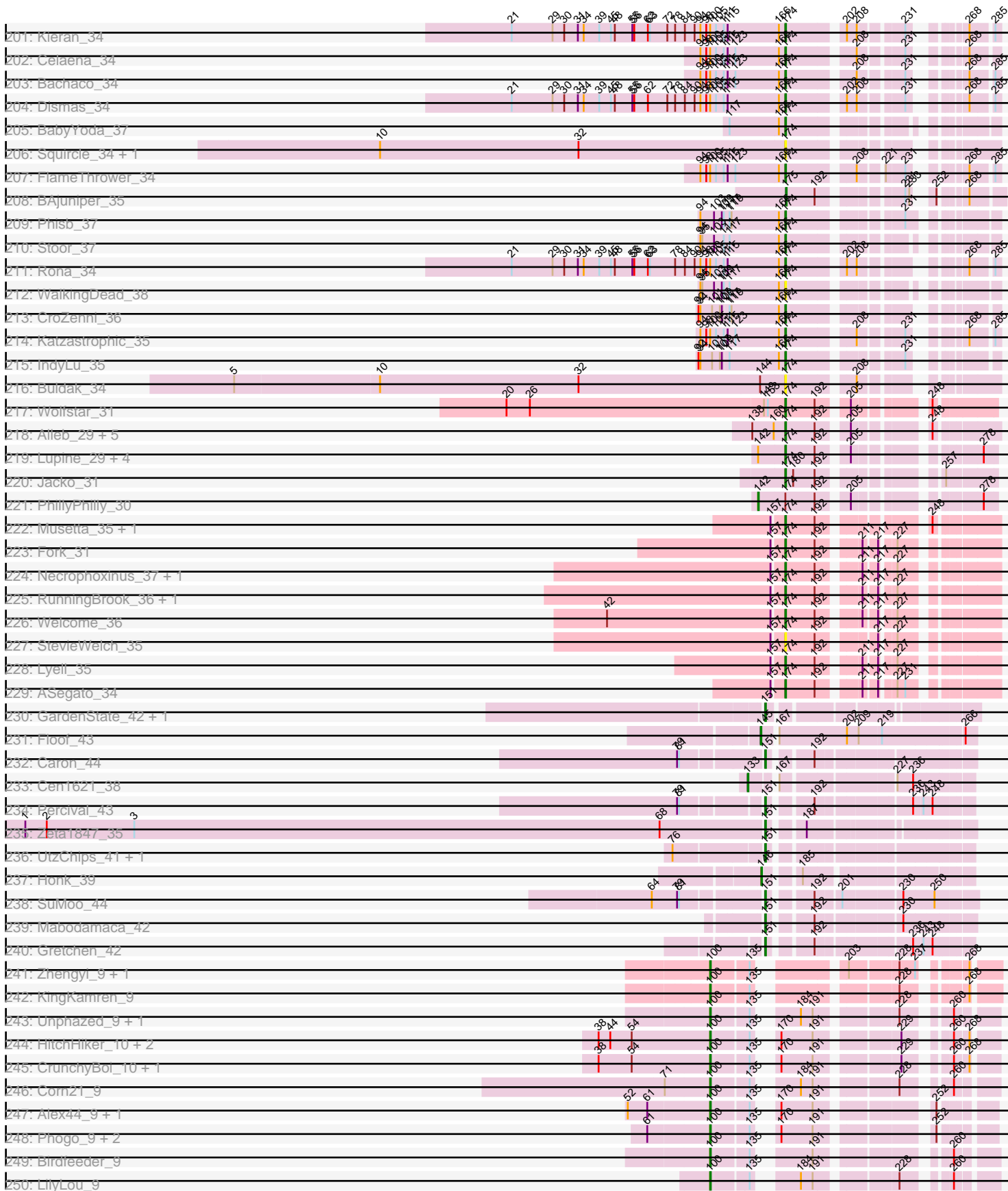
Pham 196154



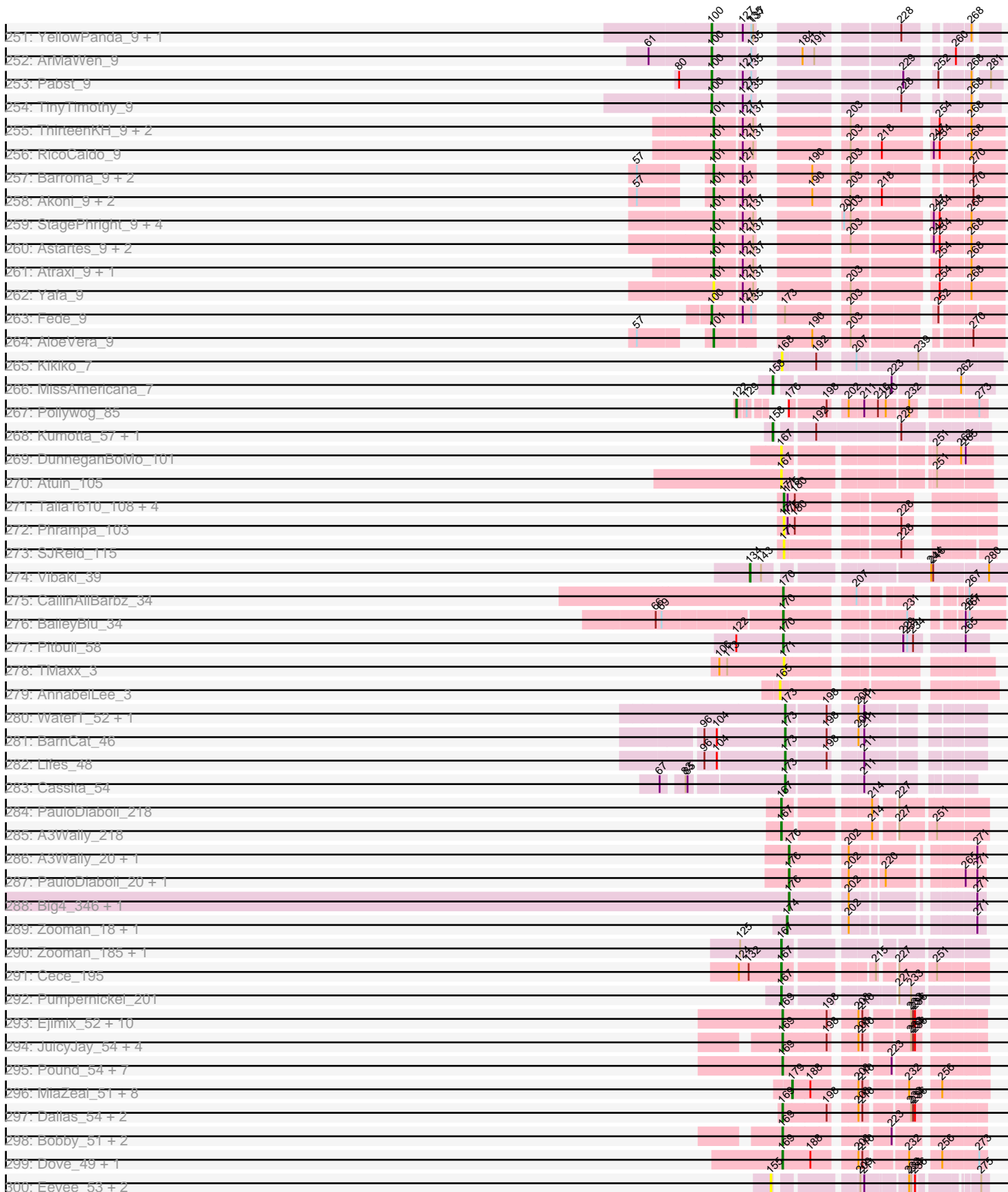
Pham 196154



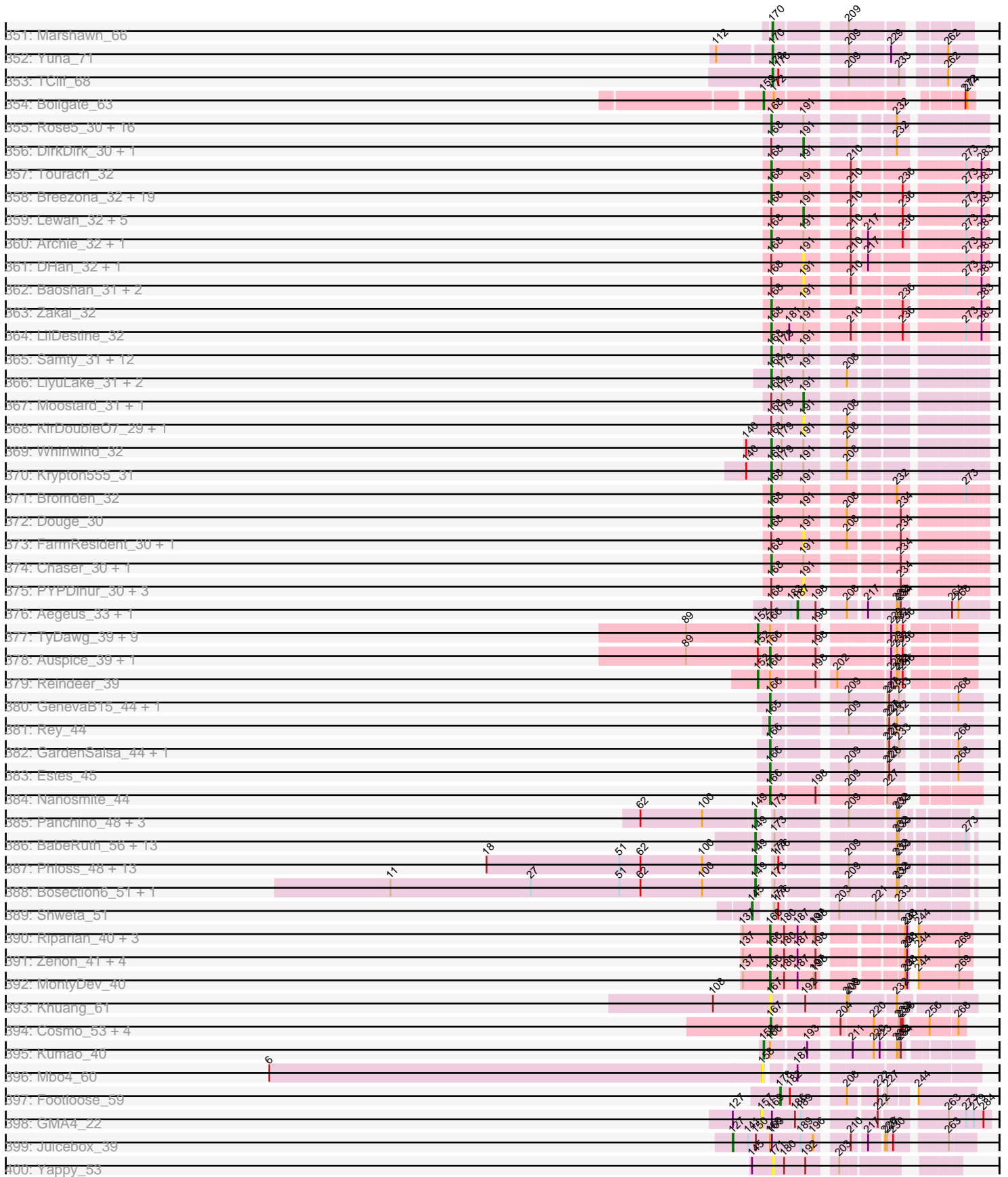
Pham 196154



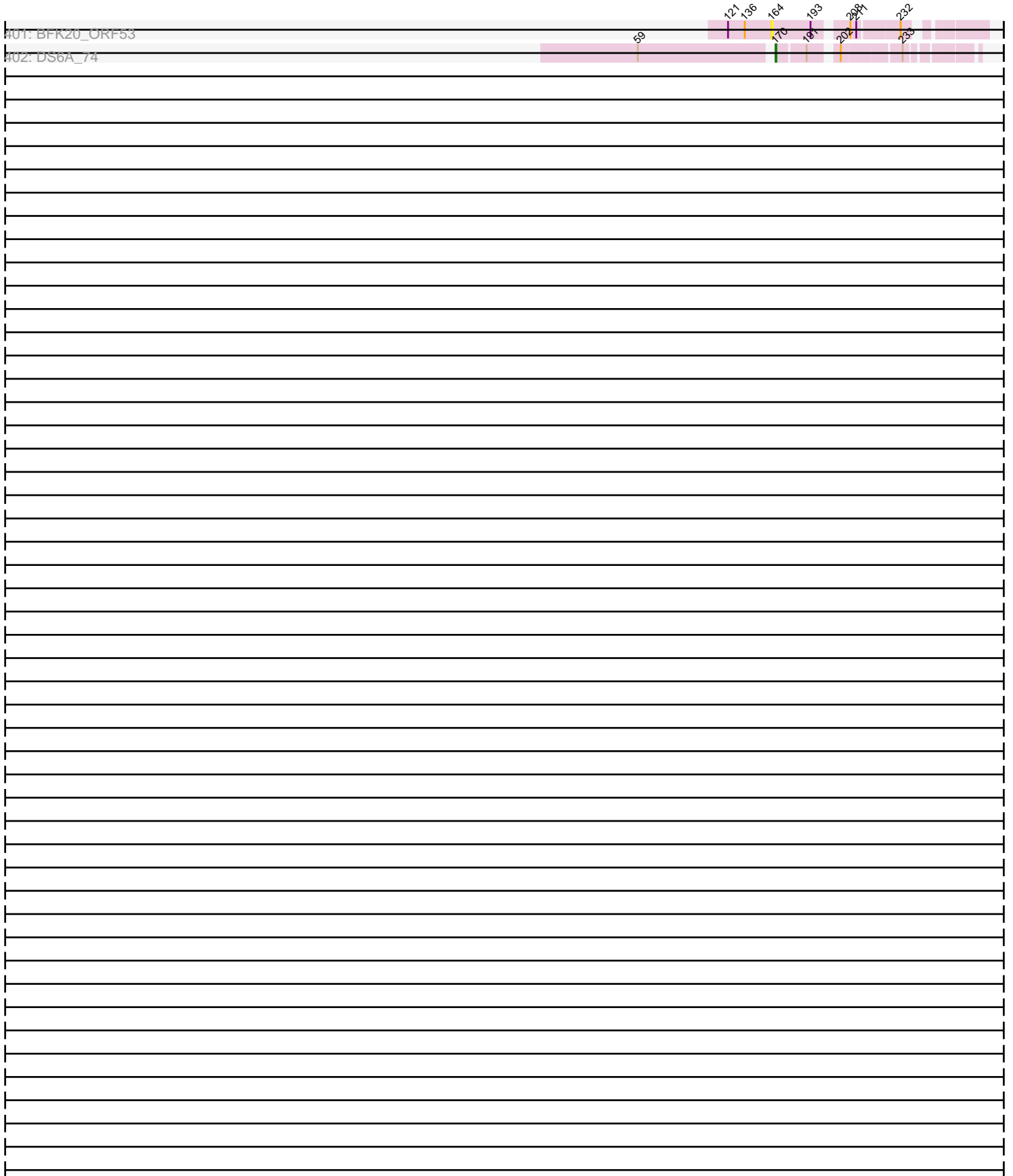
Pham 196154



Pham 196154



Pham 196154



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 196154 Report

This analysis was run 12/09/24 on database version 580.

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

Pham number 196154 has 1156 members, 128 are drafts.

Phages represented in each track:

- Track 1 : Gompeii16_61, Bircsak_61, Agaliana_56, Francis47_60
- Track 2 : GrecoEtereo_61, Sagefire_64, Marge_59, Hami1_57, Rajelicia_62, Ashballer_65, QTRlifeCrisis_62, A6_54, ConceptII_64, Gandalf20_64, BK1_54, Smairt_64, Abbysshoes_63, BigPaolini_59, PascalRango_60, Dussy_62, Chanagan_56, CactusRose_62, Perseus_61, Swole_61, Mule_59, Nerujay_64, Violet_60, JuliaChild_63, Doom_60, LilBib_62, Edtherson_61, PSullivan_60, Bigfoot_54, Licorice_63, Hermia_60, Norz_62, BaconJack_66, Ciao_60, Tote_58
- Track 3 : Ohno789_62, Dreamboat_63, PherrisBueller_61, Jasper_62
- Track 4 : Monet_65, Marchy_56, Payneful_60
- Track 5 : Peterson_66, Lesedi_58
- Track 6 : Gwendoluna_65
- Track 7 : KyMonks1A_65, Sorpresa_59, Sandaddy_58, Tripl3t_65, Magnar_60
- Track 8 : Buttons_59, Kenmech_65, KSSJEB_62, Papez_64, Pita2_63, PattyP_64, Fushigi_58, Aeneas_65, Fascinus_56, PhrostyMug_62, Pippin_62
- Track 9 : Scowl_63, KBG_63
- Track 10 : Pelly_63, Homines_54, SpikeBT_60, Burton_63, MaryBeth_60, Jerm2_64, Corvo_63, MetalQZJ_59, MrGordo_64, PinkPlastic_62, GageAP_63, Alsfro_68, Bxb1_56, Petruccio_62, Niza_64, NEHalo_59, Graduation_66, Barriga_65, Froghopper_60, Ajay_62, Ichabod_66, Target_64, Dexes_62, Hope4ever_63, Jorgensen_65, Solon_61, AFIS_58
- Track 11 : Fajezeel_63, Acme_64, Greg_63, Lamina13_66
- Track 12 : Beatrix_61
- Track 13 : Sumter_58, Turj99_60, Thor_61, Pari_65
- Track 14 : Eyeball_64
- Track 15 : StrongArm_60, Bexan_59
- Track 16 : STLscum_70, Ringer_62
- Track 17 : Zeuska_67
- Track 18 : Paraselene_60, Inyanga_57
- Track 19 : SarFire_61, Bethlehem_61
- Track 20 : Pepe_60
- Track 21 : Naira_64, Fenn_64
- Track 22 : Arcanine_64, Slagathor_64, TwoPeat_63
- Track 23 : Dulcie_62, Ruotula_64, DrFeelGood_58, Traft412_64

- Track 24 : StewieG_57
- Track 25 : Mryolo_58
- Track 26 : Rutherford_64, Rhynn_60
- Track 27 : Carlyle_62
- Track 28 : Gyzlar_57, Rubeus_60
- Track 29 : Rufus_63, Makemake_64, Atkinbua_64, Pinto_62
- Track 30 : Abrogate_610
- Track 31 : Wheeler_64, Michley_65
- Track 32 : Marsha_61
- Track 33 : Oogway_61
- Track 34 : ThelioniousMonk_65
- Track 35 : Marcell_58
- Track 36 : ILeeKay_64, ShortQueendom_54, Kanely_63, Altman_64, Snazzy_60
- Track 37 : Dynamix_64
- Track 38 : Smeagol_64, Teodoridan_60
- Track 39 : DD5_60, Lockley_59
- Track 40 : Mkhuseleli_58
- Track 41 : Kugel_64
- Track 42 : Sanya_57
- Track 43 : Squee_63
- Track 44 : Anglerfish_62, Manatee_62
- Track 45 : RidgeCB_61
- Track 46 : Blue_61
- Track 47 : Maroc7_59
- Track 48 : Big3_63
- Track 49 : Applejack_60
- Track 50 : JC27_65
- Track 51 : BillKnuckles_59
- Track 52 : BeesKnees_64
- Track 53 : Treddle_63
- Track 54 : Trouble_63
- Track 55 : Sunshine924_67
- Track 56 : Alvin_62
- Track 57 : Lopton_60
- Track 58 : BPBiebs31_64
- Track 59 : Magnito_60
- Track 60 : Euphoria_60
- Track 61 : Bud_57, Mulciber_57, Hutc2_57, Munch_58, Orange_57, Insomnia_58, TinyTimmy_57, Et2Brutus_56, Ebony_57, Flaverint_58, Fibonacci_57, Bowtie_58, Joselito_58, Jabith_58, Sham4_57, Snape_57, Gilberta_58, Salz_56, Timothy_57, Aneem_58, Lucivia_58, Petersenfast_56
- Track 62 : MaCh_58, Bachome_59
- Track 63 : Mabel_57
- Track 64 : Steamy_54
- Track 65 : Pharaoh_53
- Track 66 : Refuge_56, Zimmer_55
- Track 67 : DarthPhader_54
- Track 68 : Phlei_47
- Track 69 : Rosalind_62, Looper_63, LastResort_62, Epsocamisio_61, Waits_64, JSwag_63, Remus_64, Strosahl_64, ReMo_62
- Track 70 : Anon_61
- Track 71 : Boohoo_64, Anaysia_64, Nebulosus_62

- Track 72 : Battleship_66, ShayRa_64, Soups_64, Switzerland_63, DekHockey33_65
- Track 73 : Oofda_65
- Track 74 : MinecraftSteve_64, KatherineG_64
- Track 75 : Nedarya_60
- Track 76 : PainterBoy_59
- Track 77 : Lucyedi_59
- Track 78 : EagleEye_60
- Track 79 : 40AC_59
- Track 80 : Adzzy_59
- Track 81 : Benvolio_55, ChipMunk_60, FiringLine_58, Echild_58, Power_57, EvilGenius_60, Jerm_60, Dignity_60, Whabigail7_59, Leviathan_60, QueenBeesly_58, Agape74_60, Smeagan_61, SnapTap_58, LilTurb_59, SemperFi_59, Crucio_58, KingCyrus_60
- Track 82 : Odin_56, Caraxes_58, Superchunk_56
- Track 83 : Lokk_55, Rachaly_57, BobSwaget_54
- Track 84 : Larenn_57, Malec_58
- Track 85 : AbbyPaige_60, Georgie2_59, SweetiePie_58, Turbido_59
- Track 86 : Duplo_60, DBQu4n_60, StarStuff_60, Kerberos_60, Pomar16_60, D32_59, Travvers_60, Naji_60, D29_56, Tomathan_60
- Track 87 : L5_56, Koduck_59
- Track 88 : Bugsy_60
- Track 89 : TipsytheTRex_54
- Track 90 : Miko_55
- Track 91 : DudeLittle_57, Anselm_59, Dalmatian_59, Retro23_59
- Track 92 : QueenB2_57, Heffalump_57, Fameo_58
- Track 93 : Journey13_52
- Track 94 : Che12_59
- Track 95 : Quokka_56, Bradman_57, MajorMajor_57, Jsquared_56
- Track 96 : SwirlSquare_63
- Track 97 : Ph8s_59
- Track 98 : MissWhite_57
- Track 99 : Herbertwm_56
- Track 100 : Serenity_58
- Track 101 : C3_56, VC3_61, AN9_61, ANI8_61
- Track 102 : Acolyte_53
- Track 103 : NothingSpecial_56
- Track 104 : Anthony_54
- Track 105 : Arissanae_57
- Track 106 : SheaKeira_56
- Track 107 : Spouty_58, Qobbit_58, Onglai_56, Beemo_58, Conquerage_58, Scherzo_58, Fayely_58, Lilleskat_56, Priya_58, Eidsmoe_58, Myxus_58, Aliter_58, RyeScarlet_59, Ugenie5_55, Alma_58, Phonnegut_58, Catalina_59, Pioneer_58, Phaeder_58, Sachima_55, EmyBug_57, HortumSL17_58, Jiawan_56, Tubs_58, PackMan_57
- Track 108 : Elephantoon_57
- Track 109 : DreamTeam1_56, Charm_56
- Track 110 : Maminiaina_57, BogosyJay_57
- Track 111 : Hanray_56, Halex_57, EdogawaKiddo_56
- Track 112 : Rahalelujah_58
- Track 113 : ExplosioNervosa_58
- Track 114 : LoneWolf_59
- Track 115 : Yecey3_59

- Track 116 : Vanisoa_58
- Track 117 : Darrell_60
- Track 118 : Keziacharles14_58
- Track 119 : Toaka_58
- Track 120 : Indlulamithi_37
- Track 121 : Onyinye_53, Leopard_52, Aikoy_52
- Track 122 : AinMach_35
- Track 123 : Soondubu_31, Exile_31
- Track 124 : JohnDoe_33, Cyan_33, Joemato_33, Simpson_35
- Track 125 : Kaylissa_33, Nitro_33, JuneStar_33, Pumpkins_33, TforTroy_34, YesChef_33, Lizalica_32, Powerpuff_35
- Track 126 : MissSwiss_32
- Track 127 : Tutumahutu_33, Warda_33, Tbone_32
- Track 128 : Berrie_34
- Track 129 : AGrandiflora_34
- Track 130 : Reedo_32
- Track 131 : Tallboi_33
- Track 132 : DrSierra_32
- Track 133 : Niobe_34, Eraser_34, Jstan_36, Elezi_34, Asa16_34, London_34
- Track 134 : Cassia_34
- Track 135 : Turab_32, Adumb2043_32
- Track 136 : Community_34, Tuck_36, Phives_35
- Track 137 : Janeemi_35, Lego_33
- Track 138 : Wildwest_33
- Track 139 : Ascela_34, Iter_34
- Track 140 : Sue2_34
- Track 141 : AEgle_32
- Track 142 : KeAlii_33
- Track 143 : Tian_33, Amyev_33, Pixelle_33
- Track 144 : Yang_33
- Track 145 : ObiToo_36, Crewmate_37
- Track 146 : Mudpuppy_32
- Track 147 : Adolin_32
- Track 148 : VResidence_33
- Track 149 : IttyBittyPiggy_33
- Track 150 : DrManhattan_32
- Track 151 : Maureen_36, MaGuCo_34
- Track 152 : Snek_33, Tweety19_33
- Track 153 : Emotion_38
- Track 154 : JasmineDragon_39, ShakeltOph_41, MiniMommy_41
- Track 155 : Sooty_31, Gambol_31, Cappuccino_31
- Track 156 : Kalimba_31
- Track 157 : Donkey_31
- Track 158 : Moss_36
- Track 159 : Ashes_35, Halsey_39
- Track 160 : Mysterium_31
- Track 161 : SpecialK_36
- Track 162 : Thonko_81
- Track 163 : ScoobyDoobyDoo_73
- Track 164 : Greely_81, Phabba_83
- Track 165 : Myrna_77
- Track 166 : Banquo_62
- Track 167 : Goib_64, Splinter_63, TZGordon_64, Vendetta_63

- Track 168 : DinoDaryn_63, Huffy_63
- Track 169 : TinaLin_62
- Track 170 : Gspu1_55
- Track 171 : Dardanus_57
- Track 172 : Catfish_63
- Track 173 : DatBoi_82
- Track 174 : Bantam_85, SpeedDemon_860
- Track 175 : Mollymur_85
- Track 176 : Daredevil_75
- Track 177 : Keelan_118
- Track 178 : Ronaldo_118, Fryberger_117, Ziko_119, Guey18_121, Volt_121
- Track 179 : Stark_38, Maxxinista_38, Moldemort_38, Emmina_38, Gage_39, NoSleep_38, Petra64142_39, FireRed_37, Hopey_39, Rakim_38, NelitzaMV_37, Czystoczon1_38, StellaBean_37, Elph10_38, Policronamos_38, TBrady12_39, Buck_36, Kostya_38, Kanye_39, Adnama_40, TeardropMSU_36, Thresher_38, GoldenSpark_39, Sassay_36, 244_39, Argent26_39, BugsBunny_35, HanKaySha_38, HufflyPuff_36, MISSy_36, Nimrod_37, Asriel_36, MadamMonkfish_37, Easy2Say_39, BilboSwaggins_37, Myrale_37, Manda_38, Dumbo_37, SophKB_37, YassJohnny_38, Tarkin_39, GooberAzure_39, Miniwave_37, RiverMonster_37, PhatBacter_37, Command613_38, JeTaime_39, Icee_36, MPhalcon_36, CrystalP_37, Kimchi_39, Saints25_38, StolenFromERC_39, Bask21_37, Stank_40, Cactus_38, Tuco_38, Quallification_38, Palpatine_37, Hoonter_39, Traaww1_35, Lilac_39, Filch_38, Phaux_36, Toto_37, Sotrice96_37, Terminus_37, AmericanBeauty_39, Goldilocks_38, Murphy_38, Bench_39, Gator_35, Phrux_37, Elite2014_36, Misfit_37, Wiggin_40, Highbury_38, Simpliphy_38, Lilizi_39, Ukulele_37, ChosenOne_37, ABCat_36, Bruin_37, Xandras_39, Willez_36, DrDrey_38, Paperbeatsrock_39, Gemini_40, Cjw1_37, Nala_37, Marshmallow_37, ShamWow_37, Porky_37, Teaspoon_38, Pumpkin_39, Lilpickle_36, Pharsalus_38, Barbarian_36, xkcd_38, OrionPax_38, Inca_36, Rimmer_36, Murica_36
- Track 180 : Tomaszewski_36, SirDuracell_36, DoctorDiddles_37, Harella_36, Glexan_35, BadStone_36, ChotaBhai_37, Daikon_36, Youngblood_37, Balomoji_36, Contagion_36, Mindy_37, Dusk_36, Flypotenuse_35, Mosby_36, Amao_37, BigBubba_38, Pat3_36, Holt_38, Cookies_37, Henry_38
- Track 181 : BaboJay_37, Eureka_38, Goku_38
- Track 182 : Gack_33
- Track 183 : Loviatar_65, Icarian_39
- Track 184 : Rollins_33, Armstrong_33, Brahms_33, Bernstein_33, Coltrane_33
- Track 185 : AnnaLie_37, Albright_34, Burritobowl_36, LimaBean_35, Abigail_35, Finalfrontier_36, Arroyo_37, Avocadoman_35, SansAfet_37, Doobus_35, BelmontSKP_37, BubbaBear_35, Johnathan_35, DickRichards_35
- Track 186 : Shayna_36
- Track 187 : Skylord_33, Vitas_33, Clayda5_34
- Track 188 : SunnyD_38, Teagster_39
- Track 189 : QMacho_38, Albedo_36, Nicky22_37, SarBear_36, Jovita_37, Swervy_37, Lynlen_36, Slay_37, Kenzers_36, Eula_37
- Track 190 : AvGardian_38
- Track 191 : DirtyBubble_36, Stromboli_37
- Track 192 : BabyDaisy_35
- Track 193 : Kate33_35, Didgeridoo_38, Lahqtemish_35, TukTuk_37, Cashington_34
- Track 194 : Elva_38
- Track 195 : CliffHanger_39
- Track 196 : SanaSana_39

- Track 197 : Quenya_35
- Track 198 : Eden_34
- Track 199 : ChiliPepper_33, Sharkboy_35
- Track 200 : Franklin22_35
- Track 201 : Kieran_34
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- Track 207 : FlameThrower_34
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- Track 212 : WalkingDead_38
- Track 213 : CroZenni_36
- Track 214 : Katzastrophic_35
- Track 215 : IndyLu_35
- Track 216 : Buldak_34
- Track 217 : Wolfstar_31
- Track 218 : Alleb_29, Pioneer3_28, Platte_28, Hortus1_28, Tandem_28, OlinDD_28
- Track 219 : Lupine_29, Hubbs_30, DejaVu_31, Pavlo_29, Roman_30
- Track 220 : Jacko_31
- Track 221 : PhillyPhilly_30
- Track 222 : Musetta_35, Yuma_34
- Track 223 : Fork_31
- Track 224 : Necrophoxinus_37, Erenyeager_35
- Track 225 : RunningBrook_36, DustyDino_38
- Track 226 : Welcome_36
- Track 227 : StevieWelch_35
- Track 228 : Lyell_35
- Track 229 : ASegato_34
- Track 230 : GardenState_42, IAmGroot_42
- Track 231 : Floof_43
- Track 232 : Caron_44
- Track 233 : Cen1621_38
- Track 234 : Percival_43
- Track 235 : Zeta1847_35
- Track 236 : UtzChips_41, Barnstormer_41
- Track 237 : Honk_39
- Track 238 : SuMoo_44
- Track 239 : Mabodamaca_42
- Track 240 : Gretchen_42
- Track 241 : Zhengyi_9, EugeneKrabs_9
- Track 242 : KingKamren_9
- Track 243 : Unphazed_9, DumpQuist_9
- Track 244 : HitchHiker_10, Oatly_9, Biozilla_9
- Track 245 : CrunchyBoi_10, PineapplePluto_10
- Track 246 : Corn21_9
- Track 247 : Alex44_9, Stormbreaker_9
- Track 248 : Phogo_9, Dashyla_9, Xitlalli_9
- Track 249 : Birdfeeder_9

- Track 250 : LilyLou_9
- Track 251 : YellowPanda_9, Wesak_9
- Track 252 : ArMaWen_9
- Track 253 : Pabst_9
- Track 254 : TinyTimothy_9
- Track 255 : ThirteenKH_9, TrippleS_9, Mazun_9
- Track 256 : RicoCaldo_9
- Track 257 : Barroma_9, JordanFarm_9, Truong_9
- Track 258 : Akoni_9, Ashton_9, Waterlily_9
- Track 259 : StagePhright_9, Fullmetal_9, Phractured_9, Phedro_9, Pharky_9
- Track 260 : Astartes_9, PhriedRice_9, Moleficent_9
- Track 261 : Atraxi_9, Morrill_9
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- Track 267 : Pollywog_85
- Track 268 : Kumotta_57, MargaretKali_53
- Track 269 : DunneganBoMo_101
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- Track 272 : Phrampa_103
- Track 273 : SJReid_115
- Track 274 : Vibaki_39
- Track 275 : CallinAllBarbz_34
- Track 276 : BaileyBlu_34
- Track 277 : Pitbull_58
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- Track 279 : AnnabelLee_3
- Track 280 : WaterT_52, LeeroyJenkins_54
- Track 281 : BarnCat_46
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- Track 283 : Cassita_54
- Track 284 : PauloDiaboli_218
- Track 285 : A3Wally_218
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- Track 287 : PauloDiaboli_20, PauloDiaboli_375
- Track 288 : Big4_346, Big4_20
- Track 289 : Zooman_18, Zooman_331
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- Track 291 : Cece_195
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- Track 293 : Ejimix_52, Halley_52, HokkenD_45, Beem_52, Bagrid_51, Yeet_50, EricMillard_52, ThreeRngTarjay_50, Kalah2_52, Hughesyang_50, BAKA_56
- Track 294 : JuicyJay_54, Klein_52, DmpstrDiver_53, Schatzie_49, Odette_52
- Track 295 : Pound_54, Minerva_58, Wanda_58, Bombitas_49, NihilNomen_51, Duke13_55, Optimus_57, Phoebus_51
- Track 296 : MiaZeal_51, Omega_56, Ariel_51, Lucky2013_51, LittleE_56, Porcelain_50, Courthouse_51, Thibault_45, Superphikiman_51
- Track 297 : Dallas_54, Redno2_50, Zelink_53
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- Track 299 : Dove_49, Constella_44

- Track 300 : Eevee_53, JoyLin_53, Yotsuba_52
- Track 301 : Pippin15_52
- Track 302 : Serenabean_51
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- Track 304 : Hyperbowlee_66, Tachez_66, Zavala_69, Blizzard_66, CaseJules_68, DrHayes_67, Ramen_67, Homura_66, Pokerus_66, Spock_66, Rosmarinus_66, ShiaSurprise_67, Lunahalos_66, ActinUp_66, Joy99_66, TruffulaTree_67, Peel_66, Belladonna_66, Padfoot_66, Angelica_66, Jayhawk_68, Padpat_69, Jeckyll_66, HedwigODU_66, Veliki_68, YoureAdopted_66, BGIlluvia_66, Inky_66, TiniBug_67, Llorens_66, Zabiza_61, Rapunzel97_68, Deby_67, Piatt_66, Beezoo_68, Mynx_68, CREW_66, Asayake_66, Ganymede_66, AlishaPH_66, BEEST_66, Geraldini_69, Twitch_66, Jarvi_66, Emerson_68, Adephagia_66, Urkel_67, BarrelRoll_67, Boiiii_66, Bella96_67, JAWS_67, Atiba_67, QuincyRose_64, Capricorn_66, Durfee_66, Dalmuri_66, Sulley_66, SamuelLPlaqson_67, Slimphazie_67, Adonis_66, Topper_66, MeaningOfLife_67
- Track 305 : Niklas_69, Dartin_69, Shaobing_69, McMater_69, Peanam_69, Richo_69
- Track 306 : SgtBeansprout_56, Enkosi_57, Amelie_55, Nutello_55, Mdavu_56, Binglebops_55, LilPharaoh_56, Torres_57, Nikao_58
- Track 307 : Efra2_72
- Track 308 : Megsy_69
- Track 309 : CheetoDust_66, BaghaKamala_66
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- Track 311 : TreyKay_68, LindNT_66, CrimD_68, Prithvi_68
- Track 312 : Curiosium_70
- Track 313 : Guanica15_71, Yunkel11_71
- Track 314 : Stinson_68, Devera_74, Murucutumbu_68, LaterM_67, Ageofdapage_70, Illumine_72, Dole_72
- Track 315 : Apocalypse_69
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- Track 318 : Chris_69
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- Track 322 : Scarlett_71, Oscar_70, KiSi_71
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- Track 325 : Marcoliusprime_69, DismalStressor_69, DismalFunk_69
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- Track 336 : Miryou_64, OkiRoe_61, Gengar_60
- Track 337 : Edugator_59, Leston_60, Dadosky_62, Paola_60, Psycho_60, Guillsminger_61, AlleyCat_62, Larva_61
- Track 338 : Kratio_58, Agent47_60, InvictusManeo_58, Collard_58

- Track 339 : Thyatira_63, SoSeph_61, Feyre_63, Heftyboy_61, Waterfoul_62
- Track 340 : Rando14_62
- Track 341 : Omnicron_64
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- Track 343 : Unicorn_68, PhelpsODU_68
- Track 344 : Ellie_62
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- Track 346 : Bryler_70, Tierra_70, Cain_70, Phrank_70
- Track 347 : Amohnton_66, Hammy_66, DarthP_66
- Track 348 : Ekdilam_63
- Track 349 : Ximenita_72
- Track 350 : Fefferhead_64
- Track 351 : Marshawn_66
- Track 352 : Yuna_71
- Track 353 : TClif_68
- Track 354 : Boilgate_63
- Track 355 : Rose5_30, Acquire49_30, Enceladus_30, OhShagHennessy_30, Calm_30, CicholasNage_30, Zaria_30, Wamburggrxpress_30, JoeDirt_30, LeBron_30, Halena_30, MAckerman_30, Appletree2_30, Wyatt2_30, AvadaKedavra_30, UPIE_30, Silverleaf_30
- Track 356 : DirkDirk_30, Tyson_30
- Track 357 : Tourach_32
- Track 358 : Breezona_32, Vetrrix_32, Gardann_32, Faith1_32, Winky_32, Wilder_32, Nicholasp3_32, Gabriela_32, DrSeegs_32, MkaliMitinis3_32, Itos_32, Netyap_32, Loadrie_32, BigCheese_32, BobsGarage_32, GuuelaD_32, Miley16_32, Finemlucis_32, Wigglewiggle_32, Crossroads_32
- Track 359 : Lewan_32, Rumpelstiltskin_32, Soap141_32, Sarshaun_32, Kahlid_32, Hafay_32
- Track 360 : Archie_32, Bazzle_32
- Track 361 : DHan_32, Claus_32
- Track 362 : Baoshan_31, ZhongYanYuan_31, DanBing_31
- Track 363 : Zakai_32
- Track 364 : LilDestine_32
- Track 365 : Samty_31, Clautastrophe_31, Jubie_31, Kingsolomon_31, Nicholas_31, Lumos_31, MiniLon_31, MiniMac_31, Snenia_31, Finnry_31, MsGreen_31, Lolly9_31, Bellis_31
- Track 366 : LiyuLake_31, Ellson_31, DuncansLeg_31
- Track 367 : Moostard_31, Jobypre_31
- Track 368 : KirDoubleO7_29, BourbonZero_30
- Track 369 : Whirlwind_32
- Track 370 : Krypton555_31
- Track 371 : Bromden_32
- Track 372 : Douge_30
- Track 373 : FarmResident_30, Quby_30
- Track 374 : Chaser_30, DyoEdafos_31
- Track 375 : PYPDinur_30, BrainDrainer_31, Sheng711_30, Douzhi_30
- Track 376 : Aegeus_33, Baudelaire_33
- Track 377 : TyDawg_39, Skinny_40, LilhomieP_38, Diminimus_40, Glaske16_40, Bongo_39, Bricole_39, IPhone7_39, Dulcita_40, PegLeg_39
- Track 378 : Auspice_39, SlimJimmy_38
- Track 379 : Reindeer_39
- Track 380 : GenevaB15_44, Aziz_44
- Track 381 : Rey_44

- Track 382 : GardenSalsa_44, MrMagoo_44
- Track 383 : Estes_45
- Track 384 : Nanosmite_44
- Track 385 : Panchino_48, Kevin1_52, Butters_53, Rubeelu_53
- Track 386 : BabeRuth_56, ShrimpFriedEgg_55, Jamie19_49, Redi_55, Andies_48, PhancyPhin_55, SpongeBob_49, Phrann_52, Nenae_55, Purgamenstris_55, Raymond7_49, Hanako_55, Tapioca_52, Snekmaggedon_49
- Track 387 : Phloss_48, Gex_50, Schnauzer_51, Magsby_50, Xerxes_50, Pipsqueaks_50, Carcharodon_50, Melville_53, Fulbright_49, Parmesanjohn_50, Smurph_50, Duplicity_50, Silvafighter_51, Chewbacca_52
- Track 388 : Bosection6_51, Charlie_51
- Track 389 : Shweta_51
- Track 390 : Riparian_40, Papyrus_40, Weiss13_40, Rope_40
- Track 391 : Zenon_41, Nilo_41, Yelo_40, Send513_40, Candle_40
- Track 392 : MontyDev_40
- Track 393 : Khuang_61
- Track 394 : Cosmo_53, Wildcat_53, EniyanLRS_50, Azrael100_52, MaryV_53
- Track 395 : Kumao_40
- Track 396 : Mbo4_60
- Track 397 : Footloose_59
- Track 398 : GMA4_22
- Track 399 : Juicebox_39
- Track 400 : Yappy_53
- Track 401 : BFK20_ORF53
- Track 402 : DS6A_74

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

The start number called the most often in the published annotations is 170, it was called in 180 of the 1028 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- ActinUp_66, Adephegia_66, Adonis_66, Agent47_60, Ageofdapage_70, Aikoy_52, AlishaPH_66, AlleyCat_62, Amelie_55, Amohnition_66, Anaya_69, Angelica_66, Asayake_66, Atiba_67, BEEST_66, BGlluviae_66, BaghaKamala_66, BaileyBlu_34, Banquo_62, BarrelRoll_67, Beezoo_68, Bella96_67, Belladonna_66, Biglebops_55, Blizzard_66, Boiiii_66, BoostSeason_69, Bryler_70, CREW_66, Cain_70, CallinAllBarbz_34, Capricorn_66, CaseJules_68, Catfish_63, CheetoDust_66, Chris_69, Collard_58, CrimD_68, Curiosium_70, DS6A_74, Dadosky_62, Dalmuri_66, Dardanus_57, DarthP_66, Dartin_69, Deby_67, Devera_74, DinoDaryn_63, DismalFunk_69, DismalStressor_69, Dole_72, DrHayes_67, Durfee_66, Edugator_59, Efra2_72, Ekdilam_63, Ellie_62, Emerson_68, Enkosi_57, ExplosioNervosa_58, Fefferhead_64, Feyre_63, Findley_69, Ganymede_66, Gengar_60, Geraldini_69, Goib_64, Gsput1_55, Guanica15_71, Guillsminger_61, Hammy_66, HedwigODU_66, Heftyboy_61, Homura_66, Huffy_63, Hurricane_68, Hyperbowlee_66, Illumine_72, Inky_66, InvictusManeo_58, JAWS_67, Jarvi_66, Jayhawk_68, Jeckyll_66, Joy99_66, KiSi_71, Kratio_58, Larva_61, LastHope_71, LaterM_67, LeMond_70, Leopard_52, Leston_60, LilPharaoh_56, LindNT_66, Llorens_66, Lunahalos_66, MacnCheese_70, Marcoliusprime_69, MarkPhew_69, Marshawn_66, McMater_69, Mdavu_56, MeaningOfLife_67, Megsy_69, Milly_69,

Miryou_64, Mufasa_69, Murucutumbu_68, Mynx_68, Nibb_69, Nikao_58, Niklas_69, Nutello_55, OkiRoe_61, Omnicron_64, Onyinye_53, Oscar_70, Padfoot_66, Padpat_69, Paola_60, Peanam_69, Peel_66, Pharb_67, PhelpsODU_68, Phrank_70, Piatt_66, Pitbull_58, Pixie_67, Pokerus_66, Prithvi_68, Psycho_60, QuincyRose_64, Ramen_67, Rando14_62, Rapunzel97_68, Richo_69, Rosmarinus_66, SamuelLPlaqson_67, Scarlett_71, ScoobyDoobyDoo_73, SgtBeansprout_56, Shadow1_71, Shaobing_69, ShedlockHolmes_69, ShiaSurprise_67, SirPhilip_66, Slimphazie_67, SoSeph_61, Splinter_63, Spock_66, Stinson_68, Strobilo_70, Sulley_66, Sunflower1121_72, Syra333_70, TBond007_64, TClif_68, TM4_67, TZGordon_64, Tachez_66, TaiwanKao_69, Thyatira_63, Tierra_70, TinaLin_62, TingHuaYa_70, TiniBug_67, Tiri_67, Topper_66, Torres_57, TreyKay_68, TribbleTrouble_68, TruffulaTree_67, Twitch_66, Unicorn_68, Urkel_67, Validus_71, Veliki_68, Vendetta_63, Waterfoul_62, Ximenita_72, YoureAdopted_66, Yuna_71, Yunkel11_71, Zabiza_61, Zavala_69, ZoeJ_68,

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

- AN9_61, ANI8_61, AbbyPaige_60, Acolyte_53, Agape74_60, Alex44_9, Aliter_58, Alma_58, Aneem_58, Anselm_59, Anthony_54, Arissanae_57, Ashes_35, Bachome_59, Beemo_58, Benvolio_55, Biozilla_9, BogosyJay_57, Bowtie_58, Bud_57, Buggy_60, C3_56, Cappuccino_31, Catalina_59, ChipMunk_60, Conquerage_58, Crucio_58, CrunchyBoi_10, D29_56, D32_59, DBQu4n_60, Dalmatian_59, Darrell_60, DarthPhader_54, Dashyla_9, Dignity_60, Donkey_31, DudeLittle_57, Duplo_60, EagleEye_60, Ebony_57, Echild_58, EdogawaKiddo_56, Eidsmoe_58, Elephantoon_57, EmyBug_57, Et2Brutus_56, EvilGenius_60, Fameo_58, Fayely_58, Fibonacci_57, FiringLine_58, Flaverint_58, Gambol_31, Georgie2_59, Gilberta_58, Halsey_39, Hanray_56, Heffalump_57, Herbertwm_56, HitchHiker_10, Horex_57, HortumSL17_58, Hutc2_57, Insomnia_58, Jabith_58, Jerm_60, Jiawan_56, Joselito_58, Journey13_52, Kalimba_31, Kerberos_60, Keziacharles14_58, KingCyrus_60, Leviathan_60, LiITurb_59, Lilleskat_56, LoneWolf_59, Lucivia_58, Lucyedi_59, MaCh_58, Mabel_57, Maminaiaina_57, MissWhite_57, Moss_36, Mulciber_57, Munch_58, Mysterium_31, Myxus_58, Naji_60, Nedarya_60, Oatly_9, Onglai_56, Orange_57, PackMan_57, PainterBoy_59, Petersenfast_56, Phaeder_58, Pharaoh_53, Phlei_47, Phogo_9, Phonnegut_58, PineapplePluto_10, Pioneer_58, Pomar16_60, Power_57, Priya_58, Qobbit_58, QueenB2_57, QueenBeesly_58, Rahalelujah_58, Retro23_59, RyeScarlet_59, Sachima_55, Salz_56, Scherzo_58, SemperFi_59, Sham4_57, SheaKeira_56, Smeagan_61, SnapTap_58, Snape_57, Sooty_31, SpecialK_36, Spouty_58, StarStuff_60, Steamy_54, Stormbreaker_9, SweetiePie_58, Timothy_57, TinyTimmy_57, Toaka_58, Tomathan_60, Travvers_60, Tubs_58, Turbido_59, Ugenie5_55, VC3_61, Vanisoa_58, Whabigail7_59, Xitlalli_9, Yecey3_59,

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

- 244_39, 40AC_59, A3Wally_20, A3Wally_218, A3Wally_373, A6_54, ABCat_36, AEgle_32, AFIS_58, AGrandiflora_34, ASegato_34, Abbysshoes_63, Abigail_35, Abrogate_610, Acme_64, Acquire49_30, AddiRose_51, Adnama_40, Adolin_32, Adumb2043_32, Adzzy_59, Aegeus_33, Aeneas_65, Agaliana_56, AinMach_35, Ajay_62, Akoni_9, Albedo_36, Albright_34, Alleb_29, AloeVera_9, Alsfro_68, Altman_64, Alvin_62, Amao_37, AmericanBeauty_39, Amyev_33, Anaysia_64, Andies_48, Anglerfish_62, AnnaLie_37, AnnabelLee_3, Anon_61, Apocalypse_69, Applejack_60, Appletree2_30, ArMaWen_9, Arcanine_64, Archie_32, Argent26_39, Ariel_51, Armstrong_33, Arroyo_37, Asa16_34, Ascela_34, Ashballer_65, Ashton_9, Asriel_36, Astartes_9, Atkinbua_64, Atraxi_9, Atuin_105, Auspice_39, AvGuardian_38, AvadaKedavra_30, Avocadoman_35, Aziz_44, Azrael100_52, BAKA_56,

BAjuniper_35, BFK20_ORF53, BK1_54, BPBiabs31_64, BabeRuth_56, BaboJay_37, BabyDaisy_35, BabyYoda_37, Bachaco_34, BaconJack_66, BadStone_36, Bagrid_51, Balomoji_36, Bantam_85, Baoshan_31, Barbarian_36, BarnCat_46, Barnstormer_41, Barriga_65, Barroma_9, Bask21_37, Battleship_66, Baudelaire_33, Bazzle_32, Beatrix_61, Beem_52, BeesKnees_64, Bellis_31, BelmontSKP_37, Bench_39, Bernstein_33, Berrie_34, Bethlehem_61, Bexan_59, Big3_63, Big4_20, Big4_204, Big4_346, BigBubba_38, BigCheese_32, BigPaolini_59, Bigfoot_54, BilboSwaggins_37, BillKnuckles_59, Bircsak_61, Birdfeeder_9, Bloom_112, Blue_61, BobSwaget_54, Bobby_51, BobsGarage_32, Boilgate_63, Bombitas_49, Bongo_39, Boohoo_64, Bosection6_51, BourbonZero_30, Bradman_57, Brahms_33, BrainDrainer_31, Breezona_32, Bricole_39, Bromden_32, Bruin_37, BubbaBear_35, Buck_36, BugsBunny_35, Buldak_34, Burritobowl_36, Burton_63, Butters_53, Buttons_59, Bxb1_56, CactusRose_62, Cactus_38, Calm_30, Candle_40, Caraxes_58, Carcharodon_50, Carlyle_62, Caron_44, Cashington_34, Cassia_34, Cassita_54, Cece_195, Celaena_34, Cen1621_38, Chanagan_56, Charlie_51, Charm_56, Chaser_30, Che12_59, Chewbacca_52, ChiliPepper_33, ChosenOne_37, ChotaBhai_37, Ciao_60, CicholasNage_30, Cjw1_37, Claus_32, Clautastrophe_31, Clayda5_34, CliffHanger_39, Coltrane_33, Command613_38, Community_34, ConceptII_64, Constella_44, Contagion_36, Cookies_37, Corn21_9, Corvo_63, Cosmo_53, Courthouse_51, Crewmate_37, CroZenni_36, Crossroads_32, CrystalP_37, Cyan_33, Czyszczonek_38, DD5_60, DHan_32, Daddyjeff_51, Daikon_36, Dallas_54, DanBing_31, Daredevil_75, DatBoi_82, DejaVu_31, DekHockey33_65, Dexes_62, DickRichards_35, Didgeridoo_38, Diminimus_40, DirkDirk_30, DirtyBubble_36, Dismas_34, DmpstrDiver_53, DoctorDiddles_37, Doobus_35, Doom_60, Douge_30, Douzhi_30, Dove_49, DrDrey_38, DrFeelGood_58, DrManhattan_32, DrSeegs_32, DrSierra_32, DreamTeam1_56, Dreamboat_63, Duke13_55, Dulcie_62, Dulcita_40, Dumbo_37, DumpQuist_9, DuncansLeg_31, DunneganBoMo_101, Duplicity_50, Dusk_36, Dussy_62, DustyDino_38, Dynamix_64, DyoEdafos_31, Easy2Say_39, Eden_34, Edtherson_61, Eevee_53, Ejimix_52, Elezi_34, Elite2014_36, Ellson_31, Elph10_38, Elva_38, Emmina_38, Emotion_38, Enceladus_30, EniyanLRS_50, Epsocamisio_61, Eraser_34, Erenyeager_35, EricMillard_52, Estes_45, EugeneKrabs_9, Eula_37, Euphoria_60, Eureka_38, Exile_31, Eyeball_64, Faith1_32, Fajezeel_63, FarmResident_30, Fascinus_56, Fede_9, Fenn_64, Filch_38, Finalfrontier_36, Finemlucis_32, Finnry_31, FireRed_37, FlameThrower_34, Floof_43, Flypotenuse_35, Footloose_59, Fork_31, Francis47_60, Franklin22_35, FrogHopper_60, Fryberger_117, Fulbright_49, Fullmetal_9, Fushigi_58, GMA4_22, Gabriela_32, Gack_33, GageAP_63, Gage_39, Gandalf20_64, Gardann_32, GardenSalsa_44, GardenState_42, Gator_35, Gemini_40, GenevaB15_44, Gex_50, Glaske16_40, Glexan_35, Goku_38, GoldenSpark_39, Goldilocks_38, Gompeii16_61, GooberAzure_39, Graduation_66, GrecoEtereo_61, Greely_81, Greg_63, Gretchen_42, Guey18_121, GuuelaD_32, Gwendoluna_65, Gyzzar_57, Hafay_32, Halena_30, Halley_52, Hami1_57, HanKaySha_38, Hanako_55, Hannaconda_48, Harella_36, Henry_38, Hermia_60, Highbury_38, HokkenD_45, Holt_38, Homines_54, Honk_39, Hoonter_39, Hope4ever_63, Hopey_39, Hortus1_28, Hubbs_30, HufflyPuff_36, Hughesyang_50, IAmGroot_42, ILeeKay_64, IPhane7_39, Icarian_39, Icee_36, Ichabod_66, Inca_36, Indlulamithi_37, IndyLu_35, Inyanga_57, Iter_34, Itos_32, IttyBittyPiggy_33, JC27_65, JSwag_63, Jacko_31, Jamie19_49, Janeemi_35, JasmineDragon_39, Jasper_62, JeTaime_39, Jerm2_64, Jobypre_31, JoeDirt_30, Joemato_33, JohnDoe_33, Johnathan_35, JordanFarm_9, Jorgensen_65, Jovita_37, JoyLin_53, Jsquared_56, Jstan_36, Jubie_31, Juicebox_39, JuicyJay_54, JuliaChild_63, JuneStar_33, KBG_63, KSSJEB_62, Kahlid_32, Kalah2_52, Kanely_63, Kanye_39, KashFlow_45, Kate33_35,

KatherineG_64, Katzastrophic_35, Kaylissa_33, KeAlii_33, Keelan_118, Kenmech_65, Kenzers_36, Kevin1_52, Khuang_61, Kieran_34, Kikiko_7, Kimchi_39, KingKamren_9, Kingsolomon_31, KirDoubleO7_29, Klein_52, Koduck_59, Kostya_38, Krypton555_31, Kugel_64, Kumao_40, Kumotta_57, KyMonks1A_65, L5_56, Lahqtemish_35, Lamina13_66, Larenn_57, LastResort_62, LeBron_30, LeeroyJenkins_54, Lego_33, Lesedi_58, Lewan_32, Licorice_63, Lifes_48, LilBib_62, LilDestine_32, Lilac_39, LilhomieP_38, Lilizi_39, Lilpickle_36, LilyLou_9, LimaBean_35, LittleE_56, LiyuLake_31, Lizalica_32, Loadrie_32, Lockley_59, Lokk_55, Lolly9_31, London_34, Looper_63, Lopton_60, Loviatar_65, Lucky2013_51, Lumos_31, Lupine_29, Lyell_35, Lynlen_36, MAckerman_30, MISSy_36, MPhalcon_36, MaGuCo_34, Mabodamaca_42, MadamMonkfish_37, Magnar_60, Magnito_60, Magsby_50, MajorMajor_57, Makemake_64, Malec_58, Manatee_62, Manda_38, Marcell_58, Marchy_56, MargaretKali_53, Marge_59, Maroc7_59, Marsha_61, Marshmallow_37, MaryBeth_60, MaryV_53, Maureen_36, Maxxinista_38, Mazun_9, Mbo4_60, Melville_53, MetalQZJ_59, MiaZeal_51, Michley_65, Miko_55, Miley16_32, Mimi_114, Mindy_37, MinecraftSteve_64, Minerva_58, MiniLon_31, MiniMac_31, MiniMommy_41, Miniwave_37, Misfit_37, MissAmericana_7, MissDaisy_67, MissSwiss_32, MkaliMitinis3_32, Mkhuseleli_58, Moldemort_38, Moleficent_9, Mollymur_85, Monet_65, MontyDev_40, Moostard_31, Morrill_9, Mosby_36, MrGordo_64, MrMagoo_44, Mryolo_58, MsGreen_31, Mudpuppy_32, Mule_59, Murica_36, Murphy_38, Musetta_35, Myrale_37, Myrna_77, NEHalo_59, Naira_64, Nala_37, Nanosmite_44, Nebulosus_62, Necrophoxinus_37, NelitzaMV_37, Nenae_55, Nerujay_64, Netyap_32, Nicholas_31, Nicholasp3_32, Nicky22_37, NihilNomen_51, Nilo_41, Nimrod_37, Niobe_34, Nitro_33, Niza_64, NoSleep_38, Norz_62, NothingSpecial_56, ObiToo_36, Odette_52, Odin_56, OhShagHennessy_30, Ohno789_62, OlinDD_28, Olliecat_34, Omega_56, Oofda_65, Oogway_61, Optimus_57, OrionPax_38, PSullivan_60, PYPDinur_30, Pabst_9, Palpatine_37, Panchino_48, Paperbeatsrock_39, Papez_64, Papyrus_40, Paraselene_60, Pari_65, Parmesanjohn_50, PascalRango_60, Pat3_36, Patbob_109, PattyP_64, PauloDiaboli_20, PauloDiaboli_218, PauloDiaboli_375, Pavlo_29, Payneful_60, PegLeg_39, Pelly_63, Pepe_60, Percival_43, Perseus_61, Peterson_66, Petra64142_39, Petruchio_62, Ph8s_59, Phabba_83, PhancyPhin_55, Pharky_9, Pharsalus_38, PhatBacter_37, Phaux_36, Phedro_9, PherrisBueller_61, PhillyPhilly_30, Phisb_37, Phives_35, Phloss_48, Phoebus_51, Phracted_9, Phrampa_103, Phrann_52, PhriedRice_9, PhrostyMug_62, Phrux_37, PinkPlastic_62, Pinto_62, Pioneer3_28, Pippin15_52, Pippin_62, Pipsqueaks_50, Pita2_63, Pixelle_33, Platte_28, Policronamos_38, Pollywog_85, Porcelain_50, Porky_37, Pound_54, Powerpuff_35, Pumpernickel_201, Pumpkin_39, Pumpkins_33, Purgamenstris_55, QMacho_38, QTRlifeCrisis_62, Qualification_38, Quby_30, Quenya_35, Quokka_56, Racecar_109, Rachaly_57, Rajelicia_62, Rakim_38, Raymond7_49, ReMo_62, Redi_55, Redno2_50, Reedo_32, Refuge_56, Reindeer_39, Remus_64, Rey_44, Rhynn_60, RicoCaldo_9, RidgeCB_61, Rimmer_36, Ringer_62, Riparian_40, RiverMonster_37, Rollins_33, Roman_30, Rona_34, Ronaldo_118, Rope_40, Rosalind_62, Rose5_30, Rubeelu_53, Rubeus_60, Rufus_63, Rumpelstiltskin_32, RunningBrook_36, Ruotula_64, Rutherford_64, SJReid_115, STLscum_70, Sagefire_64, Saints25_38, Samty_31, SanaSana_39, Sandaddy_58, SansAfet_37, Sanya_57, SarBear_36, SarFire_61, Sarshaun_32, Sassay_36, Schatzie_49, Schnauzer_51, Scowl_63, Send513_40, Serenabean_51, Serenity_58, ShakeltOph_41, ShamWow_37, Sharkboy_35, ShayRa_64, Shayna_36, Sheng711_30, ShortQueendom_54, ShrimpFriedEgg_55, Shweta_51, Silvafighter_51, Silverleaf_30, Simpliphy_38, Simpson_35, SirDuracell_36, Skinny_40, Skylord_33, Slagathor_64, Slay_37, SlimJimmy_38, Smairt_64, Smeagol_64, Smurph_50, Snazzy_60, Snek_33, Snekmaggedon_49,

Snenia_31, Soap141_32, Solon_61, Soondubu_31, SophKB_37, Sorpresa_59, Sotrice96_37, Soups_64, SpeedDemon_860, SpikeBT_60, SpongeBob_49, Squee_63, Squircle_34, StagePhright_9, Stank_40, Stark_38, StellaBean_37, StevieWelch_35, StewieG_57, StolenFromERC_39, Stoor_37, Stromboli_37, StrongArm_60, Strosahl_64, SuMoo_44, Sue2_34, Sumter_58, SunnyD_38, Sunshine924_67, Superchunk_56, Superphikiman_51, Swervy_37, SwirlSquare_63, Switzerland_63, Swole_61, TBrady12_39, TMaxx_3, Talia1610_108, Tallboi_33, Tandem_28, Tapioca_52, Target_64, Tarkin_39, Tbone_32, Teagster_39, TeardropMSU_36, Teaspoon_38, Teodoridan_60, Terminus_37, TforTroy_34, TheloniousMonk_65, Thibault_45, ThirteenKH_9, Thonko_81, Thor_61, ThreeRngTarjay_50, Thresher_38, Tian_33, TinyTimothy_9, TipsytheTRex_54, Tomaszewski_36, Tote_58, Toto_37, Tourach_32, Traaww1_35, Traft412_64, Treddle_63, Tripl3t_65, TrippleS_9, Trouble_63, Truong_9, Tuck_36, Tuco_38, TukTuk_37, Turab_32, Turj99_60, Tutumahutu_33, Tweety19_33, TwoPeat_63, TyDawg_39, Tyson_30, UPIE_30, Ukulele_37, Unphazed_9, UtzChips_41, VResidence_33, Vetrix_32, Vibaki_39, Violet_60, Vitas_33, Volt_121, Waits_64, WalkingDead_38, Wamburggrxpress_30, Wanda_58, Warda_33, WaterT_52, Waterlily_9, Weiss13_40, Welcome_36, Wesak_9, Wheeler_64, Whirlwind_32, Wiggin_40, Wigglewiggle_32, Wildcat_53, Wilder_32, Wildwest_33, Willez_36, Winky_32, Wolfstar_31, Wyatt2_30, Xandras_39, Xerxes_50, Yafa_9, Yang_33, Yappy_53, YassJohnny_38, Yeet_50, YellowPanda_9, Yelo_40, YesChef_33, Yotsuba_52, Youngblood_37, Yuma_34, Zakai_32, Zaria_30, Zelink_53, Zenon_41, Zeta1847_35, Zeuska_67, Zhengyi_9, ZhongYanYuan_31, Ziko_119, Zimmer_55, Zooman_18, Zooman_185, Zooman_331, xkcd_38,

Summary by start number:

Start 100:

- Found in 55 of 1156 (4.8%) of genes in pham
- Manual Annotations of this start: 22 of 1028
- Called 43.6% of time when present
- Phage (with cluster) where this start called: Alex44_9 (EK1), ArMaWen_9 (EK1), Biozilla_9 (EK1), Birdfeeder_9 (EK1), Corn21_9 (EK1), CrunchyBoi_10 (EK1), Dashyla_9 (EK1), DumpQuist_9 (EK1), EugeneKrabs_9 (EK), Fede_9 (EK2), HitchHiker_10 (EK1), KingKamren_9 (EK), LilyLou_9 (EK1), Oatly_9 (EK1), Pabst_9 (EK1), Phogo_9 (EK1), PineapplePluto_10 (EK1), Stormbreaker_9 (EK1), TinyTimothy_9 (EK1), Unphazed_9 (EK1), Wesak_9 (EK1), Xitlalli_9 (EK1), YellowPanda_9 (EK1), Zhengyi_9 (EK),

Start 101:

- Found in 27 of 1156 (2.3%) of genes in pham
- Manual Annotations of this start: 19 of 1028
- Called 81.5% of time when present
- Phage (with cluster) where this start called: Akoni_9 (EK2), AloeVera_9 (EK2), Ashton_9 (EK2), Astartes_9 (EK2), Atraxi_9 (EK2), Barroma_9 (EK2), Fullmetal_9 (EK2), JordanFarm_9 (EK2), Mazun_9 (EK2), Moleficent_9 (EK2), Morrill_9 (EK2), Pharky_9 (EK2), Phedro_9 (EK2), Phracted_9 (EK2), PhriedRice_9 (EK2), RicoCaldo_9 (EK2), StagePhright_9 (EK2), ThirteenKH_9 (EK2), TrippleS_9 (EK2), Truong_9 (EK2), Waterlily_9 (EK2), Yafa_9 (EK2),

Start 108:

- Found in 22 of 1156 (1.9%) of genes in pham
- Manual Annotations of this start: 4 of 1028

- Called 18.2% of time when present
- Phage (with cluster) where this start called: AN9_61 (A2), ANI8_61 (A2), C3_56 (A2), VC3_61 (A2),

Start 122:

- Found in 12 of 1156 (1.0%) of genes in pham
- Manual Annotations of this start: 6 of 1028
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Atkinbua_64 (A1), Makemake_64 (A1), Pinto_62 (A1), Pollywog_85 (F1), RidgeCB_61 (A1), Rufus_63 (A1),

Start 123:

- Found in 140 of 1156 (12.1%) of genes in pham
- Manual Annotations of this start: 30 of 1028
- Called 21.4% of time when present
- Phage (with cluster) where this start called: Acme_64 (A1), Aeneas_65 (A1), Anglerfish_62 (A1), BPBiabs31_64 (A1), Bethlehem_61 (A1), BillKnuckles_59 (A1), Buttons_59 (A1), Dynamix_64 (A1), Fajezeel_63 (A1), Fascinus_56 (A1), Fushigi_58 (A1), Greg_63 (A1), KBG_63 (A1), KSSJEB_62 (A1), Kenmech_65 (A1), Kugel_64 (A1), Lamina13_66 (A1), Manatee_62 (A1), Maroc7_59 (A1), Papez_64 (A1), PattyP_64 (A1), PhrostyMug_62 (A1), Pippin_62 (A1), Pita2_63 (A1), Rhynn_60 (A1), Rutherford_64 (A1), SarFire_61 (A1), Scowl_63 (A1), Treddle_63 (A1), Trouble_63 (A1),

Start 124:

- Found in 155 of 1156 (13.4%) of genes in pham
- Manual Annotations of this start: 109 of 1028
- Called 74.2% of time when present
- Phage (with cluster) where this start called: A6_54 (A1), AFIS_58 (A1), Abbysshoes_63 (A1), Agaliana_56 (A1), Ajay_62 (A1), Alsfro_68 (A1), Altman_64 (A1), Alvin_62 (A1), Arcanine_64 (A1), Ashballer_65 (A1), BK1_54 (A1), BaconJack_66 (A1), Barriga_65 (A1), Beatrix_61 (A1), BeesKnees_64 (A1), Bexan_59 (A1), Big3_63 (A1), BigPaolini_59 (A1), Bigfoot_54 (A1), Bircsak_61 (A1), Burton_63 (A1), Bxb1_56 (A1), CactusRose_62 (A1), Carlyle_62 (A1), Chanagan_56 (A1), Ciao_60 (A1), Conceptll_64 (A1), Corvo_63 (A1), DD5_60 (A1), Dexes_62 (A1), Doom_60 (A1), Dreamboat_63 (A1), Dussy_62 (A1), Edtherson_61 (A1), Euphoria_60 (A1), Eyeball_64 (A1), Fenn_64 (A1), Francis47_60 (A1), Froghopper_60 (A1), GageAP_63 (A1), Gandalf20_64 (A1), Gompeii16_61 (A1), Graduation_66 (A1), GrecoEtereo_61 (A1), Hami1_57 (A1), Hermia_60 (A1), Homines_54 (A1), Hope4ever_63 (A1), ILeeKay_64 (A1), Ichabod_66 (A1), Inyanga_57 (A1), JC27_65 (A1), Jasper_62 (A1), Jerm2_64 (A1), Jorgensen_65 (A1), JuliaChild_63 (A1), Kanely_63 (A1), Lesedi_58 (A1), Licorice_63 (A1), LilBib_62 (A1), Lockley_59 (A1), Marcell_58 (A1), Marchy_56 (A1), Marge_59 (A1), Marsha_61 (A1), MaryBeth_60 (A1), MetalQZJ_59 (A1), Michley_65 (A1), Monet_65 (A1), MrGordo_64 (A1), Mule_59 (A1), NEHalo_59 (A1), Naira_64 (A1), Nerujay_64 (A1), Niza_64 (A1), Norz_62 (A1), Ohno789_62 (A1), PSullivan_60 (A1), Paraselene_60 (A1), Pari_65 (A1), PascalRango_60 (A1), Payneful_60 (A1), Pelly_63 (A1), Pepe_60 (A1), Perseus_61 (A1), Peterson_66 (A1), Petruccio_62 (A1), PherrisBueller_61 (A1), PinkPlastic_62 (A1), QTRlifeCrisis_62 (A1), Rajelicia_62 (A1), Sagefire_64 (A1), ShortQueendom_54 (A1), Slagathor_64 (A1), Smairt_64 (A1), Smeagol_64 (A1), Snazzy_60 (A1), Solon_61 (A1), SpikeBT_60 (A1), Squee_63 (A1), StewieG_57 (A1), StrongArm_60 (A1), Sumter_58 (A1), Sunshine924_67 (A1), Swole_61 (A1), Target_64 (A1), Teodoridan_60 (A1), TheloniousMonk_65 (A1), Thor_61 (A1),

Tote_58 (A1), Turj99_60 (A1), TwoPeat_63 (A1), Violet_60 (A1), Wheeler_64 (A1), Zeuska_67 (A1),

Start 127:

- Found in 28 of 1156 (2.4%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 3.6% of time when present
- Phage (with cluster) where this start called: Juicebox_39 (singleton),

Start 129:

- Found in 159 of 1156 (13.8%) of genes in pham
- Manual Annotations of this start: 4 of 1028
- Called 2.5% of time when present
- Phage (with cluster) where this start called: Gwendoluna_65 (A1), Gyzlar_57 (A1), Lopton_60 (A1), Rubeus_60 (A1),

Start 131:

- Found in 2 of 1156 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sneak_33 (AZ3), Tweety19_33 (AZ3),

Start 132:

- Found in 13 of 1156 (1.1%) of genes in pham
- Manual Annotations of this start: 10 of 1028
- Called 84.6% of time when present
- Phage (with cluster) where this start called: DrFeelGood_58 (A1), Dulcie_62 (A1), KyMonks1A_65 (A1), Magnar_60 (A1), Magnito_60 (A1), Mryolo_58 (A1), Ruotula_64 (A1), Sandaddy_58 (A1), Sorpresa_59 (A1), Traft412_64 (A1), Tripl3t_65 (A1),

Start 133:

- Found in 2 of 1156 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Cen1621_38 (EH),

Start 134:

- Found in 1 of 1156 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Vibaki_39 (FL),

Start 136:

- Found in 150 of 1156 (13.0%) of genes in pham
- Manual Annotations of this start: 125 of 1028
- Called 93.3% of time when present
- Phage (with cluster) where this start called: 40AC_59 (A17), AbbyPaige_60 (A2), Acolyte_53 (A2), Adzzy_59 (A2), Agape74_60 (A2), Aliter_58 (A9), Alma_58 (A9), Aneem_58 (A11), Anselm_59 (A2), Anthony_54 (A20), Arissanae_57 (A9), Bachome_59 (A11), Beemo_58 (A9), Benvolio_55 (A2), BobSwaget_54 (A2), BogosyJay_57 (A9), Bowtie_58 (A11), Bradman_57 (A2), Bud_57 (A11), Buggy_60 (A2), Caraxes_58 (A2), Catalina_59 (A9), Charm_56 (A9), Che12_59 (A2), ChipMunk_60 (A2), Conquerage_58 (A9), Crucio_58 (A2), D29_56 (A2), D32_59

(A2), DBQu4n_60 (A2), Dalmatian_59 (A2), Darrell_60 (A9), DARTHPhader_54 (A12), Dignity_60 (A2), DreamTeam1_56 (A9), DudeLittle_57 (A2), Duplo_60 (A2), EagleEye_60 (A16), Ebony_57 (A11), Echild_58 (A2), Eidsmoe_58 (A9), Elephantoon_57 (A9), EmyBug_57 (A9), Et2Brutus_56 (A11), EvilGenius_60 (A2), Fameo_58 (A2), Fayely_58 (A9), Fibonacci_57 (A11), FiringLine_58 (A2), Flaverint_58 (A11), Georgie2_59 (A2), Gilberta_58 (A11), Heffalump_57 (A2), Herbertwm_56 (A2), HortumSL17_58 (A9), Hutc2_57 (A11), Insomnia_58 (A11), Jabith_58 (A11), Jerm_60 (A2), Jiawan_56 (A9), Joselito_58 (A11), Journey13_52 (A2), Jsquared_56 (A2), Kerberos_60 (A2), Keziacharles14_58 (A9), KingCyrus_60 (A2), Koduck_59 (A2), L5_56 (A2), Larenn_57 (A2), Leviathan_60 (A2), LiITurb_59 (A2), Lilleskat_56 (A9), Lokk_55 (A2), LoneWolf_59 (A9), Lucivia_58 (A11), MaCh_58 (A11), Mabel_57 (A11), MajorMajor_57 (A2), Malec_58 (A2), Maminaiaina_57 (A9), Miko_55 (A2), MissWhite_57 (A2), Mulciber_57 (A11), Munch_58 (A11), Myxus_58 (A9), Naji_60 (A2), NothingSpecial_56 (A2), Odin_56 (A2), Onglai_56 (A9), Orange_57 (A11), PackMan_57 (A9), PainterBoy_59 (A16), Petersenfast_56 (A11), Ph8s_59 (A2), Phaeder_58 (A9), Pharaoh_53 (A12), Phlei_47 (A13), Phonnegut_58 (A9), Pioneer_58 (A9), Pomar16_60 (A2), Power_57 (A2), Priya_58 (A9), Qobbit_58 (A9), QueenB2_57 (A2), QueenBeesly_58 (A2), Quokka_56 (A2), Rachaly_57 (A2), Rahalelujah_58 (A9), Refuge_56 (A12), Retro23_59 (A2), RyeScarlet_59 (A9), Sachima_55 (A9), Salz_56 (A11), Scherzo_58 (A9), SemperFi_59 (A2), Serenity_58 (A2), Sham4_57 (A11), SheaKeira_56 (A9), Smeagan_61 (A2), SnapTap_58 (A2), Snape_57 (A11), Spouty_58 (A9), StarStuff_60 (A2), Steamy_54 (A12), Superchunk_56 (A2), SweetiePie_58 (A2), SwirlSquare_63 (A2), Timothy_57 (A11), TinyTimmy_57 (A11), TipsytheTRex_54 (A2), Toaka_58 (A9), Tomathan_60 (A2), Travvers_60 (A2), Tubs_58 (A9), Turbido_59 (A2), Ugenie5_55 (A9), Vanisoa_58 (A9), Whabigail7_59 (A2), Yecy3_59 (A9), Zimmer_55 (A12),

Start 139:

- Found in 4 of 1156 (0.3%) of genes in pham
- Manual Annotations of this start: 4 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abrogate_610 (A1), Applejack_60 (A1), Ringer_62 (A1), STLscum_70 (A1),

Start 142:

- Found in 6 of 1156 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 16.7% of time when present
- Phage (with cluster) where this start called: PhillyPhilly_30 (ED1),

Start 145:

- Found in 8 of 1156 (0.7%) of genes in pham
- Manual Annotations of this start: 5 of 1028
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Adumb2043_32 (AZ1), Floof_43 (EH), IttyBittyPiggy_33 (AZ1), KeAlii_33 (AZ1), Shweta_51 (N), Tallboi_33 (AZ1), Turab_32 (AZ1),

Start 146:

- Found in 1 of 1156 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Honk_39 (EH),

Start 149:

- Found in 64 of 1156 (5.5%) of genes in pham
- Manual Annotations of this start: 59 of 1028
- Called 98.4% of time when present
- Phage (with cluster) where this start called: AGrandiflora_34 (AZ1), Andies_48 (N), Ascela_34 (AZ1), BabeRuth_56 (N), Berrie_34 (AZ1), Bosection6_51 (N), Butters_53 (N), Carcharodon_50 (N), Cassia_34 (AZ1), Charlie_51 (N), Chewbacca_52 (N), Community_34 (AZ1), Cyan_33 (AZ1), DrSierra_32 (AZ1), Duplicity_50 (N), Fulbright_49 (N), Gex_50 (N), Hanako_55 (N), Iter_34 (AZ1), Jamie19_49 (N), Janeemi_35 (AZ1), Joemato_33 (AZ1), JohnDoe_33 (AZ1), JuneStar_33 (AZ1), Kaylissa_33 (AZ1), Kevin1_52 (N), Lego_33 (AZ1), Lizalica_32 (AZ1), Magsby_50 (N), Melville_53 (N), Nenae_55 (N), Nitro_33 (AZ1), Panchino_48 (N), Parmesanjohn_50 (N), PhancyPhin_55 (N), Phives_35 (AZ1), Phloss_48 (N), Phrann_52 (N), Pipsqueaks_50 (N), Powerpuff_35 (AZ1), Pumpkins_33 (AZ1), Purgamenstris_55 (N), Raymond7_49 (N), Redi_55 (N), Rubeelu_53 (N), Schnauzer_51 (N), ShrimpFriedEgg_55 (N), Silvafighter_51 (N), Simpson_35 (AZ1), Smurph_50 (N), Snekmaggon_49 (N), SpongeBob_49 (N), Sue2_34 (AZ1), Tapioca_52 (N), Tbone_32 (AZ1), TforTroy_34 (AZ1), Tuck_36 (AZ1), Tutumahutu_33 (AZ1), Warda_33 (AZ1), Wildwest_33 (AZ1), Xerxes_50 (N), Yang_33 (AZ1), YesChef_33 (AZ1),

Start 150:

- Found in 7 of 1156 (0.6%) of genes in pham
- Manual Annotations of this start: 5 of 1028
- Called 85.7% of time when present
- Phage (with cluster) where this start called: Amyev_33 (AZ1), Crewmate_37 (AZ1), Mudpuppy_32 (AZ1), ObiToo_36 (AZ1), Pixelle_33 (AZ1), Tian_33 (AZ1),

Start 151:

- Found in 26 of 1156 (2.2%) of genes in pham
- Manual Annotations of this start: 16 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ashes_35 (AZ5), Bantam_85 (DL), Barnstormer_41 (EH), Cappuccino_31 (AZ5), Caron_44 (EH), Daredevil_75 (DL), DatBoi_82 (DL), Donkey_31 (AZ5), Emotion_38 (AZ4), Gambol_31 (AZ5), GardenState_42 (EH), Gretchen_42 (EH), Halsey_39 (AZ5), IAmGroot_42 (EH), Kalimba_31 (AZ5), Mabodamaca_42 (EH), Mollymur_85 (DL), Moss_36 (AZ5), Mysterium_31 (AZ5), Percival_43 (EH), Sooty_31 (AZ5), SpecialK_36 (AZ5), SpeedDemon_860 (DL), SuMoo_44 (EH), UtzChips_41 (EH), Zeta1847_35 (EH),

Start 152:

- Found in 14 of 1156 (1.2%) of genes in pham
- Manual Annotations of this start: 11 of 1028
- Called 78.6% of time when present
- Phage (with cluster) where this start called: Bongo_39 (M1), Bricole_39 (M1), Diminimus_40 (M1), Dulcita_40 (M1), Glaske16_40 (M1), IPhone7_39 (M1), LilhomieP_38 (M1), PegLeg_39 (M1), Reindeer_39 (M1), Skinny_40 (M1), TyDawg_39 (M1),

Start 153:

- Found in 4 of 1156 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1028

- Called 75.0% of time when present
- Phage (with cluster) where this start called: JasmineDragon_39 (AZ4), MiniMommy_41 (AZ4), ShakeltOph_41 (AZ4),

Start 154:

- Found in 1 of 1156 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Reedo_32 (AZ1),

Start 155:

- Found in 4 of 1156 (0.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Eevee_53 (JA), JoyLin_53 (JA), Pippin15_52 (JA), Yotsuba_52 (JA),

Start 156:

- Found in 3 of 1156 (0.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AddiRose_51 (JA), Daddyjeff_51 (JA), Serenabean_51 (JA),

Start 157:

- Found in 12 of 1156 (1.0%) of genes in pham
- No Manual Annotations of this start.
- Called 8.3% of time when present
- Phage (with cluster) where this start called: GMA4_22 (singleton),

Start 158:

- Found in 9 of 1156 (0.8%) of genes in pham
- Manual Annotations of this start: 3 of 1028
- Called 44.4% of time when present
- Phage (with cluster) where this start called: Kumotta_57 (FB), MargaretKali_53 (FB), Mbo4_60 (singleton), MissAmericana_7 (EM2),

Start 159:

- Found in 3 of 1156 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 1028
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Boilgate_63 (K8), Kumao_40 (singleton),

Start 161:

- Found in 1 of 1156 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Oogway_61 (A1),

Start 162:

- Found in 3 of 1156 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1028

- Called 33.3% of time when present
- Phage (with cluster) where this start called: Nedarya_60 (A15),

Start 163:

- Found in 21 of 1156 (1.8%) of genes in pham
- Manual Annotations of this start: 20 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anaysia_64 (A15), Anon_61 (A15), Battleship_66 (A15), Boohoo_64 (A15), DekHockey33_65 (A15), Epsocamisio_61 (A15), JSwag_63 (A15), KatherineG_64 (A15), LastResort_62 (A15), Looper_63 (A15), MinecraftSteve_64 (A15), Nebulosus_62 (A15), Oofda_65 (A15), ReMo_62 (A15), Remus_64 (A15), Rosalind_62 (A15), ShayRa_64 (A15), Soups_64 (A15), Strosahl_64 (A15), Switzerland_63 (A15), Waits_64 (A15),

Start 164:

- Found in 12 of 1156 (1.0%) of genes in pham
- Manual Annotations of this start: 8 of 1028
- Called 91.7% of time when present
- Phage (with cluster) where this start called: AEgle_32 (AZ1), Adolin_32 (AZ1), Asa16_34 (AZ1), BFK20_ORF53 (singleton), DrManhattan_32 (AZ1), Elezi_34 (AZ1), Eraser_34 (AZ1), Jstan_36 (AZ1), London_34 (AZ1), Lucyedi_59 (A16), Niobe_34 (AZ1),

Start 165:

- Found in 2 of 1156 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AnnabelLee_3 (FR), Rey_44 (M2),

Start 166:

- Found in 64 of 1156 (5.5%) of genes in pham
- Manual Annotations of this start: 24 of 1028
- Called 39.1% of time when present
- Phage (with cluster) where this start called: Armstrong_33 (EB), Auspice_39 (M1), Aziz_44 (M2), Bernstein_33 (EB), Brahms_33 (EB), Candle_40 (R), ChiliPepper_33 (EB), Coltrane_33 (EB), Estes_45 (M2), GardenSalsa_44 (M2), GenevaB15_44 (M2), MontyDev_40 (R), MrMagoo_44 (M2), Nanosmite_44 (M3), Nilo_41 (R), Papyrus_40 (R), Riparian_40 (R), Rollins_33 (EB), Rope_40 (R), Send513_40 (R), Sharkboy_35 (EB), SlimJimmy_38 (M1), Weiss13_40 (R), Yelo_40 (R), Zenon_41 (R),

Start 167:

- Found in 20 of 1156 (1.7%) of genes in pham
- Manual Annotations of this start: 15 of 1028
- Called 90.0% of time when present
- Phage (with cluster) where this start called: A3Wally_218 (GD1), Atuin_105 (FC), Azrael100_52 (V), Big4_204 (GD2), Cece_195 (GD3), Cosmo_53 (V), DunneganBoMo_101 (FC), EniyanLRS_50 (V), Khuang_61 (UNK), MaGuCo_34 (AZ2), MaryV_53 (V), Maureen_36 (AZ2), MissSwiss_32 (AZ1), PauloDiaboli_218 (GD1), Pumpernickel_201 (GD4), VResidence_33 (AZ1), Wildcat_53 (V), Zooman_185 (GD2),

Start 168:

- Found in 93 of 1156 (8.0%) of genes in pham

- Manual Annotations of this start: 64 of 1028
- Called 73.1% of time when present
- Phage (with cluster) where this start called: Acquire49_30 (L1), Appletree2_30 (L1), Archie_32 (L2), AvadaKedavra_30 (L1), BaboJay_37 (E), Bazzle_32 (L2), Bellis_31 (L3), BigCheese_32 (L2), BobsGarage_32 (L2), Breezona_32 (L2), Bromden_32 (L4), Calm_30 (L1), Chaser_30 (L4), CicholasNage_30 (L1), Clautastrophe_31 (L3), Crossroads_32 (L2), Douge_30 (L4), DrSeegs_32 (L2), DuncansLeg_31 (L3), DyoEdafos_31 (L4), Ellson_31 (L3), Enceladus_30 (L1), Eureka_38 (E), Faith1_32 (L2), Finemlucis_32 (L2), Finnry_31 (L3), Gabriela_32 (L2), Gardann_32 (L2), Goku_38 (E), GuuelaD_32 (L2), Halena_30 (L1), Itos_32 (L2), JoeDirt_30 (L1), Jubie_31 (L3), Kikiko_7 (EM2), Kingsolomon_31 (L3), Krypton555_31 (L3), LeBron_30 (L1), LilDestine_32 (L2), LiyuLake_31 (L3), Loadrie_32 (L2), Lolly9_31 (L3), Lumos_31 (L3), MAckerman_30 (L1), Miley16_32 (L2), MiniLon_31 (L3), MiniMac_31 (L3), MkaliMitinis3_32 (L2), MsGreen_31 (L3), Netyap_32 (L2), Nicholas_31 (L3), Nicholasp3_32 (L2), OhShagHennessy_30 (L1), Rose5_30 (L1), Samty_31 (L3), Silverleaf_30 (L1), Snenia_31 (L3), Tourach_32 (L2), UPIE_30 (L1), Vetrrix_32 (L2), Wamburggrxpress_30 (L1), Whirlwind_32 (L3), Wigglewiggle_32 (L2), Wilder_32 (L2), Winky_32 (L2), Wyatt2_30 (L1), Zakai_32 (L2), Zaria_30 (L1),

Start 169:

- Found in 35 of 1156 (3.0%) of genes in pham
- Manual Annotations of this start: 31 of 1028
- Called 94.3% of time when present
- Phage (with cluster) where this start called: Apocalypse_69 (K1), BAKA_56 (J), Bagrid_51 (J), Beem_52 (J), Bobby_51 (J), Bombitas_49 (J), Constella_44 (J), Dallas_54 (J), DmpstrDiver_53 (J), Dove_49 (J), Duke13_55 (J), Ejimix_52 (J), EricMillard_52 (J), Halley_52 (J), Hannaconda_48 (J), HokkenD_45 (J), Hughesyang_50 (J), JuicyJay_54 (J), Kalah2_52 (J), KashFlow_45 (J), Klein_52 (J), Minerva_58 (J), NihilNomen_51 (J), Odette_52 (J), Optimus_57 (J), Phoebus_51 (J), Pound_54 (J), Redno2_50 (J), Schatzie_49 (J), ThreeRngTarjay_50 (J), Wanda_58 (J), Yeet_50 (J), Zelink_53 (J),

Start 170:

- Found in 329 of 1156 (28.5%) of genes in pham
- Manual Annotations of this start: 180 of 1028
- Called 56.8% of time when present
- Phage (with cluster) where this start called: ActinUp_66 (K1), Adephagia_66 (K1), Adonis_66 (K1), Agent47_60 (K5), Ageofdapage_70 (K1), Aikoy_52 (AE), AlishaPH_66 (K1), AlleyCat_62 (K5), Amelie_55 (K1), Amohntion_66 (K6), Anaya_69 (K1), Angelica_66 (K1), Asayake_66 (K1), Atiba_67 (K1), BEEST_66 (K1), BGlluviae_66 (K1), BaghaKamala_66 (K1), BaileyBlu_34 (FP), Banquo_62 (CU1), BarrelRoll_67 (K1), Beezoo_68 (K1), Bella96_67 (K1), Belladonna_66 (K1), Binglebops_55 (K1), Blizzard_66 (K1), Boiiii_66 (K1), BoostSeason_69 (K2), Bryler_70 (K6), CREW_66 (K1), Cain_70 (K6), CallinAllBarbz_34 (FP), Capricorn_66 (K1), CaseJules_68 (K1), Catfish_63 (CU5), CheetoDust_66 (K1), Chris_69 (K1), Collard_58 (K5), CrimD_68 (K1), Curiosium_70 (K1), DS6A_74 (singleton), Dadosky_62 (K5), Dalmuri_66 (K1), Dardanus_57 (CU3), DarthP_66 (K6), Dartin_69 (K1), Deby_67 (K1), Devera_74 (K1), DinoDaryn_63 (CU1), DismalFunk_69 (K2), DismalStressor_69 (K2), Dole_72 (K1), DrHayes_67 (K1), Durfee_66 (K1), Edugator_59 (K5), Efra2_72 (K1), Ekdilam_63 (K6), Ellie_62 (K6), Emerson_68 (K1), Enkosi_57 (K1), ExplosioNervosa_58 (A9), Fefferhead_64 (K6), Feyre_63 (K5), Findley_69 (K2), Ganymede_66 (K1), Gengar_60 (K5), Geraldini_69 (K1), Goib_64 (CU1), Gsput1_55 (CU2), Guanica15_71 (K1), Guillsminger_61 (K5), Hammy_66

(K6), HedwigODU_66 (K1), Heftyboy_61 (K5), Homura_66 (K1), Huffy_63 (CU1), Hurricane_68 (K3), Hyperbowlee_66 (K1), Illumine_72 (K1), Inky_66 (K1), InvictusManeo_58 (K5), JAWS_67 (K1), Jarvi_66 (K1), Jayhawk_68 (K1), Jeckyll_66 (K1), Joy99_66 (K1), KiSi_71 (K1), Kratio_58 (K5), Larva_61 (K5), LastHope_71 (K1), LaterM_67 (K1), LeMond_70 (K1), Leopard_52 (AE), Leston_60 (K5), LilPharaoh_56 (K1), LindNT_66 (K1), Llorens_66 (K1), Lunahalos_66 (K1), MacnCheese_70 (K3), Marcoliusprime_69 (K2), MarkPhew_69 (K1), Marshawn_66 (K6), McMater_69 (K1), Mdavu_56 (K1), MeaningOfLife_67 (K1), Megsy_69 (K1), Milly_69 (K2), Miryou_64 (K5), Mufasa_69 (K2), Murucutumbu_68 (K1), Mynx_68 (K1), Nibb_69 (K1), Nikao_58 (K1), Niklas_69 (K1), Nutello_55 (K1), OkiRoe_61 (K5), Omnicron_64 (K5), Onyinye_53 (AE), Oscar_70 (K1), Padfoot_66 (K1), Padpat_69 (K1), Paola_60 (K5), Peanam_69 (K1), Peel_66 (K1), Pharb_67 (K3), PhelpsODU_68 (K6), Phrank_70 (K6), Piatt_66 (K1), Pitbull_58 (FQ), Pixie_67 (K3), Pokerus_66 (K1), Prithvi_68 (K1), Psycho_60 (K5), QuincyRose_64 (K1), Ramen_67 (K1), Rando14_62 (K5), Rapunzel97_68 (K1), Richo_69 (K1), Rosmarinus_66 (K1), SamuelLPlaqson_67 (K1), Scarlett_71 (K1), ScoobyDoobyDoo_73 (C2), SgtBeansprout_56 (K1), Shadow1_71 (K6), Shaobing_69 (K1), ShedlockHolmes_69 (K3), ShiaSurprise_67 (K1), SirPhilip_66 (K6), Slimphazie_67 (K1), SoSeph_61 (K5), Splinter_63 (CU1), Spock_66 (K1), Stinson_68 (K1), Strobilo_70 (K2), Sulley_66 (K1), Sunflower1121_72 (K6), Syra333_70 (K6), TBond007_64 (K3), TClif_68 (K6), TM4_67 (K2), TZGordon_64 (CU1), Tachez_66 (K1), TaiwanKao_69 (K1), Thyatira_63 (K5), Tierra_70 (K6), TinaLin_62 (CU1), TingHuaYa_70 (K1), TiniBug_67 (K1), Tiri_67 (K1), Topper_66 (K1), Torres_57 (K1), TreyKay_68 (K1), TribbleTrouble_68 (K3), TruffulaTree_67 (K1), Twitch_66 (K1), Unicorn_68 (K6), Urkel_67 (K1), Validus_71 (K1), Veliki_68 (K1), Vendetta_63 (CU1), Waterfoul_62 (K5), Ximenita_72 (K6), YoureAdopted_66 (K1), Yuna_71 (K6), Yunkel11_71 (K1), Zabiza_61 (K1), Zavala_69 (K1), ZoeJ_68 (K2),

Start 171:

- Found in 135 of 1156 (11.7%) of genes in pham
- Manual Annotations of this start: 120 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 244_39 (E), ABCat_36 (E), Adnama_40 (E), AinMach_35 (AZ), Amao_37 (E), AmericanBeauty_39 (E), Argent26_39 (E), Asriel_36 (E), BadStone_36 (E), Balomoji_36 (E), Barbarian_36 (E), Bask21_37 (E), Bench_39 (E), BigBubba_38 (E), BilboSwaggins_37 (E), Bloom_112 (FC), Bruin_37 (E), Buck_36 (E), BugsBunny_35 (E), Cactus_38 (E), ChosenOne_37 (E), ChotaBhai_37 (E), Cjw1_37 (E), Command613_38 (E), Contagion_36 (E), Cookies_37 (E), CrystalP_37 (E), Czyszczon1_38 (E), Daikon_36 (E), DoctorDiddles_37 (E), DrDrey_38 (E), Dumbo_37 (E), Dusk_36 (E), Easy2Say_39 (E), Elite2014_36 (E), Elph10_38 (E), Emmina_38 (E), Filch_38 (E), FireRed_37 (E), Flypotenuse_35 (E), Gage_39 (E), Gator_35 (E), Gemini_40 (E), Gllexan_35 (E), GoldenSpark_39 (E), Goldilocks_38 (E), GooberAzure_39 (E), HanKaySha_38 (E), Harella_36 (E), Henry_38 (E), Highbury_38 (E), Holt_38 (E), Hoonter_39 (E), Hopey_39 (E), HuffyPuff_36 (E), Icee_36 (E), Inca_36 (E), Indlulamithi_37 (AC), JeTaimie_39 (E), Kanye_39 (E), Kimchi_39 (E), Kostya_38 (E), Lilac_39 (E), Lilizi_39 (E), Lilpickle_36 (E), MISSy_36 (E), MPhalcon_36 (E), MadamMonkfish_37 (E), Manda_38 (E), Marshmallow_37 (E), Maxxinista_38 (E), Mimi_114 (FC), Mindy_37 (E), Miniwave_37 (E), Misfit_37 (E), Moldemort_38 (E), Mosby_36 (E), Murica_36 (E), Murphy_38 (E), Myrale_37 (E), Nala_37 (E), NelitzaMV_37 (E), Nimrod_37 (E), NoSleep_38 (E), OrionPax_38 (E), Palpatine_37 (E), Paperbeatsrock_39 (E), Pat3_36 (E), Patbob_109 (FC), Petra64142_39 (E), Pharsalus_38 (E), PhatBacter_37 (E), Phaux_36 (E), Phrampa_103 (FC), Phrux_37 (E),

Policronamos_38 (E), Porky_37 (E), Pumpkin_39 (E), Qualification_38 (E), Racecar_109 (FC), Rakim_38 (E), Rimmer_36 (E), RiverMonster_37 (E), SJReid_115 (FC), Saints25_38 (E), Sassay_36 (E), ShamWow_37 (E), Simpliphy_38 (E), SirDuracell_36 (E), SophKB_37 (E), Sotrice96_37 (E), Stank_40 (E), Stark_38 (E), StellaBean_37 (E), StolenFromERC_39 (E), TBrady12_39 (E), TMaxx_3 (FR), Talia1610_108 (FC), Tarkin_39 (E), TeardropMSU_36 (E), Teaspoon_38 (E), Terminus_37 (E), Thresher_38 (E), Tomaszewski_36 (E), Toto_37 (E), Traaww1_35 (E), Tuco_38 (E), Ukulele_37 (E), Wiggin_40 (E), Willez_36 (E), Xandras_39 (E), Yappy_53 (singleton), YassJohnny_38 (E), Youngblood_37 (E), xkcd_38 (E),

Start 172:

- Found in 2 of 1156 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 50.0% of time when present
- Phage (with cluster) where this start called: MissDaisy_67 (K4),

Start 173:

- Found in 41 of 1156 (3.5%) of genes in pham
- Manual Annotations of this start: 5 of 1028
- Called 12.2% of time when present
- Phage (with cluster) where this start called: BarnCat_46 (GB), Cassita_54 (GB), LeeroyJenkins_54 (GB), Lifes_48 (GB), WaterT_52 (GB),

Start 174:

- Found in 104 of 1156 (9.0%) of genes in pham
- Manual Annotations of this start: 82 of 1028
- Called 92.3% of time when present
- Phage (with cluster) where this start called: ASegato_34 (ED2), Abigail_35 (EB), Albedo_36 (EB), Albright_34 (EB), Alleb_29 (ED1), AnnaLie_37 (EB), Arroyo_37 (EB), AvGardian_38 (EB), Avocadoman_35 (EB), BabyDaisy_35 (EB), BabyYoda_37 (EB), Bachaco_34 (EB), BelmontSKP_37 (EB), BubbaBear_35 (EB), Buldak_34 (EB), Burritobowl_36 (EB), Cashington_34 (EB), Celaena_34 (EB), Clayda5_34 (EB), CliffHanger_39 (EB), CroZenni_36 (EB), DejaVu_31 (ED1), DickRichards_35 (EB), Didgeridoo_38 (EB), DirtyBubble_36 (EB), Dismas_34 (EB), Doobus_35 (EB), DustyDino_38 (ED2), Eden_34 (EB), Elva_38 (EB), Erenyeager_35 (ED2), Eula_37 (EB), Exile_31 (AZ), Finalfrontier_36 (EB), FlameThrower_34 (EB), Fork_31 (ED2), Franklin22_35 (EB), Gack_33 (EB), Greely_81 (C2), Hortus1_28 (ED1), Hubbs_30 (ED1), Icarian_39 (EB), IndyLu_35 (EB), Jacko_31 (ED1), Johnathan_35 (EB), Jovita_37 (EB), Kate33_35 (EB), Katzastrophic_35 (EB), Kenzers_36 (EB), Kieran_34 (EB), Lahqtemish_35 (EB), LimaBean_35 (EB), Loviatar_65 (EB), Lupine_29 (ED1), Lyell_35 (ED2), Lynlen_36 (EB), Musetta_35 (ED2), Myrna_77 (C2), Necrophoxinus_37 (ED2), Nicky22_37 (EB), OlinDD_28 (ED1), Olliecat_34 (EB), Pavlo_29 (ED1), Phabba_83 (C2), Phisb_37 (EB), Pioneer3_28 (ED1), Platte_28 (ED1), QMacho_38 (EB), Quenya_35 (EB), Roman_30 (ED1), Rona_34 (EB), RunningBrook_36 (ED2), SanaSana_39 (EB), SansAfet_37 (EB), SarBear_36 (EB), Shayna_36 (EB), Skylord_33 (EB), Slay_37 (EB), Soondubu_31 (AZ), Squirrel_34 (EB), StevieWelch_35 (ED2), Stoor_37 (EB), Stromboli_37 (EB), SunnyD_38 (EB), Swervy_37 (EB), Tandem_28 (ED1), Teagster_39 (EB), Thonko_81 (B8), TukTuk_37 (EB), Vitas_33 (EB), WalkingDead_38 (EB), Welcome_36 (ED2), Wolfstar_31 (ED), Yuma_34 (ED2), Zooman_18 (GD2), Zooman_331 (GD2),

Start 175:

- Found in 7 of 1156 (0.6%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 14.3% of time when present
- Phage (with cluster) where this start called: BAjuniper_35 (EB),

Start 176:

- Found in 197 of 1156 (17.0%) of genes in pham
- Manual Annotations of this start: 7 of 1028
- Called 4.6% of time when present
- Phage (with cluster) where this start called: A3Wally_20 (GD1), A3Wally_373 (GD1), Big4_20 (GD2), Big4_346 (GD2), Blue_61 (A1), Mkhuseli_58 (A1), PauloDiaboli_20 (GD1), PauloDiaboli_375 (GD1), Sanya_57 (A1),

Start 177:

- Found in 6 of 1156 (0.5%) of genes in pham
- Manual Annotations of this start: 6 of 1028
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Fryberger_117 (DP), Guey18_121 (DP), Keelan_118 (DP), Ronaldo_118 (DP), Volt_121 (DP), Ziko_119 (DP),

Start 178:

- Found in 43 of 1156 (3.7%) of genes in pham
- Manual Annotations of this start: 1 of 1028
- Called 2.3% of time when present
- Phage (with cluster) where this start called: Footloose_59 (singleton),

Start 179:

- Found in 31 of 1156 (2.7%) of genes in pham
- Manual Annotations of this start: 9 of 1028
- Called 29.0% of time when present
- Phage (with cluster) where this start called: Ariel_51 (J), Courthouse_51 (J), LittleE_56 (J), Lucky2013_51 (J), MiaZeal_51 (J), Omega_56 (J), Porcelain_50 (J), Superphikiman_51 (J), Thibault_45 (J),

Start 187:

- Found in 22 of 1156 (1.9%) of genes in pham
- Manual Annotations of this start: 2 of 1028
- Called 9.1% of time when present
- Phage (with cluster) where this start called: Aegeus_33 (L5), Baudelaire_33 (L5),

Start 191:

- Found in 104 of 1156 (9.0%) of genes in pham
- Manual Annotations of this start: 6 of 1028
- Called 22.1% of time when present
- Phage (with cluster) where this start called: Baoshan_31 (L2), BourbonZero_30 (L3), BrainDrainer_31 (L4), Claus_32 (L2), DHan_32 (L2), DanBing_31 (L2), DirkDirk_30 (L1), Douzhi_30 (L4), FarmResident_30 (L4), Hafay_32 (L2), Jobypre_31 (L3), Kahlid_32 (L2), KirDoubleO7_29 (L3), Lewan_32 (L2), Moostard_31 (L3), PYPDinur_30 (L4), Quby_30 (L4), Rumpelstiltskin_32 (L2), Sarshaun_32 (L2), Sheng711_30 (L4), Soap141_32 (L2), Tyson_30 (L1), ZhongYanYuan_31 (L2),

Start 194:

- Found in 44 of 1156 (3.8%) of genes in pham

- No Manual Annotations of this start.
- Called 6.8% of time when present
- Phage (with cluster) where this start called: EdogawaKiddo_56 (A9), Hanray_56 (A9), Holecx_57 (A9),

Summary by clusters:

There are 70 clusters represented in this pham: FP, GD1, GD2, GD3, GD4, M3, FQ, DL, FR, V, singleton, ED2, K2, K1, FC, M1, K6, K5, K4, AE, K8, FL, JA, DP, A15, UNK, CU5, A16, A11, CU2, CU1, A12, A1, A2, A9, C2, AC, E, EH, EK, F1, ED, J, A17, L5, N, L4, R, L2, L3, L1, CU3, EB, A20, K3, A13, AZ4, FB, AZ, EK2, ED1, B8, EM2, AZ1, AZ2, AZ3, M2, AZ5, EK1, GB,

Info for manual annotations of cluster A1:

- Start number 122 was manually annotated 5 times for cluster A1.
- Start number 123 was manually annotated 30 times for cluster A1.
- Start number 124 was manually annotated 109 times for cluster A1.
- Start number 129 was manually annotated 4 times for cluster A1.
- Start number 132 was manually annotated 10 times for cluster A1.
- Start number 139 was manually annotated 4 times for cluster A1.
- Start number 161 was manually annotated 1 time for cluster A1.
- Start number 176 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A11:

- Start number 136 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 136 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A15:

- Start number 162 was manually annotated 1 time for cluster A15.
- Start number 163 was manually annotated 20 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 136 was manually annotated 2 times for cluster A16.
- Start number 164 was manually annotated 1 time for cluster A16.

Info for manual annotations of cluster A2:

- Start number 108 was manually annotated 4 times for cluster A2.
- Start number 136 was manually annotated 59 times for cluster A2.

Info for manual annotations of cluster A20:

- Start number 136 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A9:

- Start number 136 was manually annotated 34 times for cluster A9.
- Start number 170 was manually annotated 1 time for cluster A9.

Info for manual annotations of cluster AC:

- Start number 171 was manually annotated 1 time for cluster AC.

Info for manual annotations of cluster AE:

- Start number 170 was manually annotated 3 times for cluster AE.

Info for manual annotations of cluster AZ:

- Start number 174 was manually annotated 1 time for cluster AZ.

Info for manual annotations of cluster AZ1:

- Start number 145 was manually annotated 3 times for cluster AZ1.
- Start number 149 was manually annotated 26 times for cluster AZ1.
- Start number 150 was manually annotated 5 times for cluster AZ1.
- Start number 154 was manually annotated 1 time for cluster AZ1.
- Start number 164 was manually annotated 7 times for cluster AZ1.
- Start number 167 was manually annotated 2 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 167 was manually annotated 2 times for cluster AZ2.

Info for manual annotations of cluster AZ3:

- Start number 131 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:

- Start number 151 was manually annotated 1 time for cluster AZ4.
- Start number 153 was manually annotated 1 time for cluster AZ4.

Info for manual annotations of cluster B8:

- Start number 174 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster C2:

- Start number 170 was manually annotated 1 time for cluster C2.
- Start number 174 was manually annotated 2 times for cluster C2.

Info for manual annotations of cluster CU1:

- Start number 170 was manually annotated 8 times for cluster CU1.

Info for manual annotations of cluster CU3:

- Start number 170 was manually annotated 1 time for cluster CU3.

Info for manual annotations of cluster CU5:

- Start number 170 was manually annotated 1 time for cluster CU5.

Info for manual annotations of cluster DL:

- Start number 151 was manually annotated 5 times for cluster DL.

Info for manual annotations of cluster DP:

- Start number 177 was manually annotated 6 times for cluster DP.

Info for manual annotations of cluster E:

- Start number 168 was manually annotated 3 times for cluster E.
- Start number 171 was manually annotated 117 times for cluster E.

Info for manual annotations of cluster EB:

- Start number 166 was manually annotated 7 times for cluster EB.
- Start number 174 was manually annotated 53 times for cluster EB.
- Start number 175 was manually annotated 1 time for cluster EB.

Info for manual annotations of cluster ED:

- Start number 174 was manually annotated 1 time for cluster ED.

Info for manual annotations of cluster ED1:

- Start number 142 was manually annotated 1 time for cluster ED1.
- Start number 174 was manually annotated 12 times for cluster ED1.

Info for manual annotations of cluster ED2:

- Start number 174 was manually annotated 10 times for cluster ED2.

Info for manual annotations of cluster EH:

- Start number 133 was manually annotated 1 time for cluster EH.
- Start number 145 was manually annotated 1 time for cluster EH.
- Start number 146 was manually annotated 1 time for cluster EH.
- Start number 151 was manually annotated 10 times for cluster EH.

Info for manual annotations of cluster EK:

- Start number 100 was manually annotated 3 times for cluster EK.

Info for manual annotations of cluster EK1:

- Start number 100 was manually annotated 18 times for cluster EK1.

Info for manual annotations of cluster EK2:

- Start number 100 was manually annotated 1 time for cluster EK2.
- Start number 101 was manually annotated 19 times for cluster EK2.

Info for manual annotations of cluster EM2:

- Start number 158 was manually annotated 1 time for cluster EM2.

Info for manual annotations of cluster F1:

- Start number 122 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster FB:

- Start number 158 was manually annotated 2 times for cluster FB.

Info for manual annotations of cluster FC:

- Start number 171 was manually annotated 2 times for cluster FC.

Info for manual annotations of cluster FL:

- Start number 134 was manually annotated 1 time for cluster FL.

Info for manual annotations of cluster FP:

- Start number 170 was manually annotated 2 times for cluster FP.

Info for manual annotations of cluster FQ:

- Start number 170 was manually annotated 1 time for cluster FQ.

Info for manual annotations of cluster GB:

- Start number 173 was manually annotated 5 times for cluster GB.

Info for manual annotations of cluster GD1:

- Start number 167 was manually annotated 2 times for cluster GD1.
- Start number 176 was manually annotated 4 times for cluster GD1.

Info for manual annotations of cluster GD2:

- Start number 167 was manually annotated 2 times for cluster GD2.
- Start number 174 was manually annotated 2 times for cluster GD2.
- Start number 176 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:

- Start number 167 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:

- Start number 167 was manually annotated 1 time for cluster GD4.

Info for manual annotations of cluster J:

- Start number 169 was manually annotated 30 times for cluster J.
- Start number 179 was manually annotated 9 times for cluster J.

Info for manual annotations of cluster K1:

- Start number 169 was manually annotated 1 time for cluster K1.
- Start number 170 was manually annotated 102 times for cluster K1.

Info for manual annotations of cluster K2:

- Start number 170 was manually annotated 10 times for cluster K2.

Info for manual annotations of cluster K3:

- Start number 170 was manually annotated 7 times for cluster K3.

Info for manual annotations of cluster K4:

- Start number 172 was manually annotated 1 time for cluster K4.

Info for manual annotations of cluster K5:

- Start number 170 was manually annotated 22 times for cluster K5.

Info for manual annotations of cluster K6:

- Start number 170 was manually annotated 20 times for cluster K6.

Info for manual annotations of cluster K8:

- Start number 159 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster L1:

- Start number 168 was manually annotated 17 times for cluster L1.
- Start number 191 was manually annotated 2 times for cluster L1.

Info for manual annotations of cluster L2:

- Start number 168 was manually annotated 25 times for cluster L2.
- Start number 191 was manually annotated 3 times for cluster L2.

Info for manual annotations of cluster L3:

- Start number 168 was manually annotated 15 times for cluster L3.
- Start number 191 was manually annotated 1 time for cluster L3.

Info for manual annotations of cluster L4:

- Start number 168 was manually annotated 4 times for cluster L4.

Info for manual annotations of cluster L5:

- Start number 187 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster M1:

- Start number 152 was manually annotated 11 times for cluster M1.
- Start number 166 was manually annotated 2 times for cluster M1.

Info for manual annotations of cluster M2:

- Start number 165 was manually annotated 1 time for cluster M2.
- Start number 166 was manually annotated 5 times for cluster M2.

Info for manual annotations of cluster M3:

- Start number 166 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster N:

- Start number 145 was manually annotated 1 time for cluster N.
- Start number 149 was manually annotated 33 times for cluster N.

Info for manual annotations of cluster R:

- Start number 166 was manually annotated 9 times for cluster R.

Info for manual annotations of cluster V:

- Start number 167 was manually annotated 5 times for cluster V.

Gene Information:

Gene: 244_39 Start: 33415, Stop: 33660, Start Num: 171

Candidate Starts for 244_39:

(Start: 171 @33415 has 120 MA's), (197, 33472), (208, 33505), (211, 33511), (230, 33565), (234, 33577),

Gene: 40AC_59 Start: 39531, Stop: 39259, Start Num: 136

Candidate Starts for 40AC_59:

(Start: 136 @39531 has 125 MA's), (Start: 178 @39510 has 1 MA's), (180, 39504), (212, 39417), (224, 39381), (234, 39351),

Gene: A3Wally_218 Start: 118317, Stop: 118063, Start Num: 167

Candidate Starts for A3Wally_218:

(Start: 167 @118317 has 15 MA's), (214, 118203), (227, 118176), (251, 118131),

Gene: A3Wally_20 Start: 7196, Stop: 7426, Start Num: 176

Candidate Starts for A3Wally_20:

(Start: 176 @7196 has 7 MA's), (202, 7268), (271, 7415),

Gene: A3Wally_373 Start: 186417, Stop: 186647, Start Num: 176
Candidate Starts for A3Wally_373:
(Start: 176 @186417 has 7 MA's), (202, 186489), (271, 186636),

Gene: A6_54 Start: 38910, Stop: 38635, Start Num: 124
Candidate Starts for A6_54:
(Start: 123 @38913 has 30 MA's), (Start: 124 @38910 has 109 MA's), (Start: 129 @38898 has 4 MA's), (Start: 176 @38868 has 7 MA's), (198, 38817), (202, 38802), (211, 38781), (220, 38751), (232, 38721),

Gene: ABCat_36 Start: 33127, Stop: 33372, Start Num: 171
Candidate Starts for ABCat_36:
(Start: 171 @33127 has 120 MA's), (197, 33184), (208, 33217), (211, 33223), (230, 33277), (234, 33289),

Gene: AEgle_32 Start: 24443, Stop: 24685, Start Num: 164
Candidate Starts for AEgle_32:
(Start: 164 @24443 has 8 MA's),

Gene: AFIS_58 Start: 39979, Stop: 39713, Start Num: 124
Candidate Starts for AFIS_58:
(Start: 123 @39982 has 30 MA's), (Start: 124 @39979 has 109 MA's), (Start: 129 @39967 has 4 MA's), (Start: 176 @39946 has 7 MA's), (198, 39895), (202, 39880), (211, 39859), (220, 39829), (232, 39799), (273, 39724),

Gene: AGrandiflora_34 Start: 24670, Stop: 24936, Start Num: 149
Candidate Starts for AGrandiflora_34:
(37, 24412), (50, 24448), (Start: 149 @24670 has 59 MA's), (233, 24853),

Gene: AN9_61 Start: 38705, Stop: 38394, Start Num: 108
Candidate Starts for AN9_61:
(Start: 108 @38705 has 4 MA's), (Start: 136 @38666 has 125 MA's), (Start: 170 @38657 has 180 MA's), (207, 38564), (224, 38516), (234, 38486),

Gene: ANI8_61 Start: 38705, Stop: 38394, Start Num: 108
Candidate Starts for ANI8_61:
(Start: 108 @38705 has 4 MA's), (Start: 136 @38666 has 125 MA's), (Start: 170 @38657 has 180 MA's), (207, 38564), (224, 38516), (234, 38486),

Gene: ASegato_34 Start: 9990, Stop: 10244, Start Num: 174
Candidate Starts for ASegato_34:
(157, 9975), (Start: 174 @9990 has 82 MA's), (192, 10035), (211, 10086), (217, 10104), (227, 10122), (231, 10134),

Gene: AbbyPaige_60 Start: 38775, Stop: 38503, Start Num: 136
Candidate Starts for AbbyPaige_60:
(Start: 136 @38775 has 125 MA's), (Start: 170 @38766 has 180 MA's), (Start: 178 @38754 has 1 MA's), (180, 38748),

Gene: Abbysshoes_63 Start: 41669, Stop: 41403, Start Num: 124
Candidate Starts for Abbysshoes_63:
(Start: 123 @41672 has 30 MA's), (Start: 124 @41669 has 109 MA's), (Start: 129 @41657 has 4 MA's), (Start: 176 @41636 has 7 MA's), (198, 41585), (202, 41570), (211, 41549), (220, 41519), (232,

41489),

Gene: Abigail_35 Start: 24992, Stop: 25222, Start Num: 174

Candidate Starts for Abigail_35:

(Start: 174 @24992 has 82 MA's),

Gene: Abrogate_610 Start: 42660, Stop: 42409, Start Num: 139

Candidate Starts for Abrogate_610:

(Start: 124 @42684 has 109 MA's), (Start: 139 @42660 has 4 MA's), (198, 42591), (202, 42576), (211, 42555), (216, 42534), (220, 42525), (232, 42495),

Gene: Acme_64 Start: 41595, Stop: 41326, Start Num: 123

Candidate Starts for Acme_64:

(Start: 123 @41595 has 30 MA's), (Start: 124 @41592 has 109 MA's), (Start: 129 @41580 has 4 MA's), (Start: 176 @41559 has 7 MA's), (198, 41508), (202, 41493), (211, 41472), (220, 41442), (232, 41412), (273, 41337),

Gene: Acolyte_53 Start: 37597, Stop: 37325, Start Num: 136

Candidate Starts for Acolyte_53:

(Start: 136 @37597 has 125 MA's), (Start: 170 @37588 has 180 MA's), (Start: 178 @37576 has 1 MA's), (180, 37570), (193, 37534), (208, 37492), (224, 37447),

Gene: Acquire49_30 Start: 27690, Stop: 27959, Start Num: 168

Candidate Starts for Acquire49_30:

(Start: 168 @27690 has 64 MA's), (Start: 191 @27735 has 6 MA's), (232, 27843),

Gene: ActinUp_66 Start: 43467, Stop: 43709, Start Num: 170

Candidate Starts for ActinUp_66:

(Start: 170 @43467 has 180 MA's), (209, 43557), (253, 43653), (262, 43677),

Gene: AddiRose_51 Start: 34005, Stop: 34238, Start Num: 156

Candidate Starts for AddiRose_51:

(156, 34005), (220, 34140),

Gene: Adephagia_66 Start: 43504, Stop: 43746, Start Num: 170

Candidate Starts for Adephagia_66:

(Start: 170 @43504 has 180 MA's), (209, 43594), (253, 43690), (262, 43714),

Gene: Adnama_40 Start: 33642, Stop: 33887, Start Num: 171

Candidate Starts for Adnama_40:

(Start: 171 @33642 has 120 MA's), (197, 33699), (208, 33732), (211, 33738), (230, 33792), (234, 33804),

Gene: Adolin_32 Start: 23104, Stop: 23349, Start Num: 164

Candidate Starts for Adolin_32:

(23, 22735), (37, 22849), (50, 22885), (Start: 164 @23104 has 8 MA's),

Gene: Adonis_66 Start: 43739, Stop: 43981, Start Num: 170

Candidate Starts for Adonis_66:

(Start: 170 @43739 has 180 MA's), (209, 43829), (253, 43925), (262, 43949),

Gene: Adumb2043_32 Start: 24438, Stop: 24704, Start Num: 145

Candidate Starts for Adumb2043_32:

(15, 23982), (37, 24183), (50, 24219), (Start: 145 @24438 has 5 MA's), (233, 24621),

Gene: Adzzy_59 Start: 37247, Stop: 36975, Start Num: 136

Candidate Starts for Adzzy_59:

(Start: 136 @37247 has 125 MA's), (193, 37184), (211, 37136), (224, 37097), (228, 37085), (234, 37067),

Gene: Aegeus_33 Start: 27825, Stop: 28055, Start Num: 187

Candidate Starts for Aegeus_33:

(Start: 168 @27789 has 64 MA's), (183, 27816), (Start: 187 @27825 has 2 MA's), (198, 27852), (208, 27882), (217, 27903), (232, 27942), (233, 27945), (234, 27948), (264, 28005), (268, 28014),

Gene: Aeneas_65 Start: 43097, Stop: 42828, Start Num: 123

Candidate Starts for Aeneas_65:

(Start: 123 @43097 has 30 MA's), (Start: 124 @43094 has 109 MA's), (Start: 129 @43082 has 4 MA's), (Start: 176 @43061 has 7 MA's), (198, 43010), (202, 42995), (211, 42974), (220, 42944), (232, 42914),

Gene: Agaliana_56 Start: 37891, Stop: 37616, Start Num: 124

Candidate Starts for Agaliana_56:

(Start: 123 @37894 has 30 MA's), (Start: 124 @37891 has 109 MA's), (Start: 129 @37879 has 4 MA's), (Start: 176 @37849 has 7 MA's), (198, 37798), (202, 37783), (211, 37762), (220, 37732), (232, 37702),

Gene: Agape74_60 Start: 38769, Stop: 38497, Start Num: 136

Candidate Starts for Agape74_60:

(Start: 136 @38769 has 125 MA's), (Start: 170 @38760 has 180 MA's), (Start: 178 @38748 has 1 MA's), (180, 38742), (224, 38619),

Gene: Agent47_60 Start: 40769, Stop: 41017, Start Num: 170

Candidate Starts for Agent47_60:

(Start: 170 @40769 has 180 MA's), (221, 40901), (233, 40931), (258, 40964),

Gene: Ageofdapage_70 Start: 44895, Stop: 45137, Start Num: 170

Candidate Starts for Ageofdapage_70:

(Start: 170 @44895 has 180 MA's), (209, 44985), (253, 45081), (262, 45105),

Gene: Aikoy_52 Start: 39434, Stop: 39189, Start Num: 170

Candidate Starts for Aikoy_52:

(Start: 170 @39434 has 180 MA's), (198, 39374), (208, 39347), (220, 39308), (230, 39284), (232, 39278), (234, 39272), (249, 39248),

Gene: AinMach_35 Start: 25558, Stop: 25839, Start Num: 171

Candidate Starts for AinMach_35:

(77, 25390), (Start: 152 @25534 has 11 MA's), (Start: 171 @25558 has 120 MA's), (231, 25723),

Gene: Ajay_62 Start: 41482, Stop: 41216, Start Num: 124

Candidate Starts for Ajay_62:

(Start: 123 @41485 has 30 MA's), (Start: 124 @41482 has 109 MA's), (Start: 129 @41470 has 4 MA's), (Start: 176 @41449 has 7 MA's), (198, 41398), (202, 41383), (211, 41362), (220, 41332), (232, 41302), (273, 41227),

Gene: Akoni_9 Start: 6089, Stop: 5751, Start Num: 101

Candidate Starts for Akoni_9:

(57, 6161), (Start: 101 @6089 has 19 MA's), (Start: 127 @6050 has 1 MA's), (190, 5978), (203, 5939), (218, 5897), (270, 5798),

Gene: Albedo_36 Start: 25530, Stop: 25772, Start Num: 174

Candidate Starts for Albedo_36:

(Start: 174 @25530 has 82 MA's), (285, 25764),

Gene: Albright_34 Start: 24694, Stop: 24924, Start Num: 174

Candidate Starts for Albright_34:

(Start: 174 @24694 has 82 MA's),

Gene: Alex44_9 Start: 6356, Stop: 6036, Start Num: 100

Candidate Starts for Alex44_9:

(52, 6476), (61, 6446), (Start: 100 @6356 has 22 MA's), (135, 6305), (Start: 170 @6290 has 180 MA's), (Start: 191 @6242 has 6 MA's), (252, 6101),

Gene: AlishaPH_66 Start: 43765, Stop: 44007, Start Num: 170

Candidate Starts for AlishaPH_66:

(Start: 170 @43765 has 180 MA's), (209, 43855), (253, 43951), (262, 43975),

Gene: Aliter_58 Start: 38153, Stop: 37881, Start Num: 136

Candidate Starts for Aliter_58:

(Start: 136 @38153 has 125 MA's), (Start: 170 @38144 has 180 MA's), (194, 38087), (207, 38051), (221, 38012), (230, 37985), (234, 37973),

Gene: Alleb_29 Start: 9182, Stop: 9436, Start Num: 174

Candidate Starts for Alleb_29:

(138, 9134), (160, 9167), (Start: 174 @9182 has 82 MA's), (192, 9227), (205, 9263), (248, 9350),

Gene: AlleyCat_62 Start: 41081, Stop: 41329, Start Num: 170

Candidate Starts for AlleyCat_62:

(Start: 170 @41081 has 180 MA's), (202, 41156), (229, 41228),

Gene: Alma_58 Start: 38528, Stop: 38256, Start Num: 136

Candidate Starts for Alma_58:

(Start: 136 @38528 has 125 MA's), (Start: 170 @38519 has 180 MA's), (194, 38462), (207, 38426), (221, 38387), (230, 38360), (234, 38348),

Gene: AloeVera_9 Start: 6089, Stop: 5751, Start Num: 101

Candidate Starts for AloeVera_9:

(57, 6161), (Start: 101 @6089 has 19 MA's), (190, 5978), (203, 5939), (270, 5798),

Gene: Alsfro_68 Start: 41762, Stop: 41487, Start Num: 124

Candidate Starts for Alsfro_68:

(Start: 123 @41765 has 30 MA's), (Start: 124 @41762 has 109 MA's), (Start: 129 @41750 has 4 MA's), (Start: 176 @41720 has 7 MA's), (198, 41669), (202, 41654), (211, 41633), (220, 41603), (232, 41573), (273, 41498),

Gene: Altman_64 Start: 41400, Stop: 41125, Start Num: 124

Candidate Starts for Altman_64:

(Start: 123 @41403 has 30 MA's), (Start: 124 @41400 has 109 MA's), (Start: 129 @41388 has 4 MA's), (198, 41307), (202, 41292), (211, 41271), (220, 41241), (232, 41211),

Gene: Alvin_62 Start: 41227, Stop: 40952, Start Num: 124

Candidate Starts for Alvin_62:

(74, 41332), (75, 41329), (94, 41284), (Start: 101 @41266 has 19 MA's), (Start: 123 @41230 has 30 MA's), (Start: 124 @41227 has 109 MA's), (Start: 129 @41215 has 4 MA's), (Start: 176 @41185 has 7 MA's), (198, 41134), (202, 41119), (211, 41098), (220, 41068), (232, 41038), (260, 40993), (273, 40963),

Gene: Amao_37 Start: 32339, Stop: 32584, Start Num: 171

Candidate Starts for Amao_37:

(Start: 171 @32339 has 120 MA's), (197, 32396), (208, 32429), (211, 32435), (228, 32483), (230, 32489), (234, 32501),

Gene: Amelie_55 Start: 40941, Stop: 41186, Start Num: 170

Candidate Starts for Amelie_55:

(Start: 108 @40869 has 4 MA's), (Start: 170 @40941 has 180 MA's), (213, 41046), (229, 41088), (253, 41124),

Gene: AmericanBeauty_39 Start: 33122, Stop: 33367, Start Num: 171

Candidate Starts for AmericanBeauty_39:

(Start: 171 @33122 has 120 MA's), (197, 33179), (208, 33212), (211, 33218), (230, 33272), (234, 33284),

Gene: Amohnition_66 Start: 44113, Stop: 44352, Start Num: 170

Candidate Starts for Amohnition_66:

(Start: 170 @44113 has 180 MA's), (209, 44203), (229, 44263),

Gene: Amyev_33 Start: 26378, Stop: 26620, Start Num: 150

Candidate Starts for Amyev_33:

(Start: 150 @26378 has 5 MA's),

Gene: Anaya_69 Start: 44458, Stop: 44700, Start Num: 170

Candidate Starts for Anaya_69:

(Start: 108 @44380 has 4 MA's), (Start: 170 @44458 has 180 MA's), (209, 44548), (253, 44644), (262, 44668),

Gene: Anaysia_64 Start: 37667, Stop: 37398, Start Num: 163

Candidate Starts for Anaysia_64:

(14, 38111), (17, 38087), (25, 38009), (Start: 163 @37667 has 20 MA's), (234, 37490), (261, 37451),

Gene: Andies_48 Start: 34452, Stop: 34700, Start Num: 149

Candidate Starts for Andies_48:

(Start: 149 @34452 has 59 MA's), (Start: 173 @34464 has 5 MA's), (232, 34614), (233, 34617), (273, 34692),

Gene: Aneem_58 Start: 37786, Stop: 37514, Start Num: 136

Candidate Starts for Aneem_58:

(Start: 136 @37786 has 125 MA's), (Start: 170 @37777 has 180 MA's), (234, 37606),

Gene: Angelica_66 Start: 43657, Stop: 43899, Start Num: 170

Candidate Starts for Angelica_66:

(Start: 170 @43657 has 180 MA's), (209, 43747), (253, 43843), (262, 43867),

Gene: Anglerfish_62 Start: 41575, Stop: 41306, Start Num: 123

Candidate Starts for Anglerfish_62:

(Start: 123 @41575 has 30 MA's), (Start: 124 @41572 has 109 MA's), (Start: 129 @41560 has 4 MA's), (148, 41545), (Start: 176 @41539 has 7 MA's), (198, 41488), (202, 41473), (211, 41452), (220, 41422), (232, 41392),

Gene: AnnaLie_37 Start: 25815, Stop: 26045, Start Num: 174

Candidate Starts for AnnaLie_37:

(Start: 174 @25815 has 82 MA's),

Gene: AnnabelLee_3 Start: 977, Stop: 1246, Start Num: 165

Candidate Starts for AnnabelLee_3:

(Start: 165 @977 has 1 MA's),

Gene: Anon_61 Start: 37216, Stop: 36947, Start Num: 163

Candidate Starts for Anon_61:

(Start: 163 @37216 has 20 MA's), (222, 37075), (252, 37018), (270, 36982),

Gene: Anselm_59 Start: 38676, Stop: 38404, Start Num: 136

Candidate Starts for Anselm_59:

(Start: 136 @38676 has 125 MA's), (Start: 170 @38667 has 180 MA's), (Start: 178 @38655 has 1 MA's), (180, 38649), (224, 38526), (234, 38496),

Gene: Anthony_54 Start: 36233, Stop: 35961, Start Num: 136

Candidate Starts for Anthony_54:

(Start: 136 @36233 has 125 MA's), (Start: 170 @36224 has 180 MA's), (180, 36206), (Start: 187 @36185 has 2 MA's), (234, 36053),

Gene: Apocalypse_69 Start: 44420, Stop: 44662, Start Num: 169

Candidate Starts for Apocalypse_69:

(Start: 169 @44420 has 31 MA's), (209, 44510), (253, 44606), (262, 44630),

Gene: Applejack_60 Start: 39669, Stop: 39418, Start Num: 139

Candidate Starts for Applejack_60:

(Start: 124 @39693 has 109 MA's), (Start: 139 @39669 has 4 MA's), (198, 39600), (202, 39585), (211, 39564), (220, 39534), (232, 39504),

Gene: Appletree2_30 Start: 27633, Stop: 27902, Start Num: 168

Candidate Starts for Appletree2_30:

(Start: 168 @27633 has 64 MA's), (Start: 191 @27678 has 6 MA's), (232, 27786),

Gene: ArMaWen_9 Start: 6356, Stop: 6033, Start Num: 100

Candidate Starts for ArMaWen_9:

(61, 6446), (Start: 100 @6356 has 22 MA's), (135, 6305), (184, 6260), (Start: 191 @6242 has 6 MA's), (260, 6086),

Gene: Arcanine_64 Start: 42296, Stop: 42030, Start Num: 124

Candidate Starts for Arcanine_64:

(Start: 123 @42299 has 30 MA's), (Start: 124 @42296 has 109 MA's), (Start: 129 @42284 has 4 MA's), (148, 42269), (Start: 176 @42263 has 7 MA's), (198, 42212), (202, 42197), (211, 42176), (220, 42146), (232, 42116),

Gene: Archie_32 Start: 28911, Stop: 29177, Start Num: 168

Candidate Starts for Archie_32:

(Start: 168 @28911 has 64 MA's), (Start: 191 @28956 has 6 MA's), (210, 29007), (217, 29025), (236, 29073), (273, 29145), (283, 29166),

Gene: Argent26_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for Argent26_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: Ariel_51 Start: 40408, Stop: 40647, Start Num: 179

Candidate Starts for Ariel_51:

(Start: 179 @40408 has 9 MA's), (188, 40435), (208, 40489), (210, 40492), (232, 40549), (256, 40585),

Gene: Arissanae_57 Start: 38844, Stop: 38572, Start Num: 136

Candidate Starts for Arissanae_57:

(Start: 136 @38844 has 125 MA's), (Start: 170 @38835 has 180 MA's), (193, 38781), (207, 38742), (224, 38694),

Gene: Armstrong_33 Start: 23408, Stop: 23647, Start Num: 166

Candidate Starts for Armstrong_33:

(49, 23165), (58, 23195), (Start: 166 @23408 has 24 MA's), (Start: 174 @23417 has 82 MA's), (208, 23504), (268, 23609), (285, 23639),

Gene: Arroyo_37 Start: 25853, Stop: 26083, Start Num: 174

Candidate Starts for Arroyo_37:

(Start: 174 @25853 has 82 MA's),

Gene: Asa16_34 Start: 26607, Stop: 26864, Start Num: 164

Candidate Starts for Asa16_34:

(37, 26370), (40, 26379), (Start: 164 @26607 has 8 MA's), (192, 26655), (236, 26772),

Gene: Asayake_66 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for Asayake_66:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: Ascela_34 Start: 24798, Stop: 25064, Start Num: 149

Candidate Starts for Ascela_34:

(Start: 149 @24798 has 59 MA's), (233, 24981),

Gene: Ashballe_65 Start: 42043, Stop: 41777, Start Num: 124

Candidate Starts for Ashballe_65:

(Start: 123 @42046 has 30 MA's), (Start: 124 @42043 has 109 MA's), (Start: 129 @42031 has 4 MA's), (Start: 176 @42010 has 7 MA's), (198, 41959), (202, 41944), (211, 41923), (220, 41893), (232, 41863),

Gene: Ashes_35 Start: 22585, Stop: 22851, Start Num: 151

Candidate Starts for Ashes_35:

(Start: 151 @22585 has 16 MA's), (Start: 170 @22600 has 180 MA's), (200, 22663), (206, 22681), (247, 22783),

Gene: Ashton_9 Start: 6093, Stop: 5755, Start Num: 101

Candidate Starts for Ashton_9:

(57, 6165), (Start: 101 @6093 has 19 MA's), (Start: 127 @6054 has 1 MA's), (190, 5982), (203, 5943), (218, 5901), (270, 5802),

Gene: Asriel_36 Start: 31996, Stop: 32241, Start Num: 171

Candidate Starts for Asriel_36:

(Start: 171 @31996 has 120 MA's), (197, 32053), (208, 32086), (211, 32092), (230, 32146), (234, 32158),

Gene: Astartes_9 Start: 6131, Stop: 5775, Start Num: 101

Candidate Starts for Astartes_9:

(Start: 101 @6131 has 19 MA's), (Start: 127 @6092 has 1 MA's), (137, 6077), (203, 5981), (247, 5873), (254, 5864), (268, 5825),

Gene: Atiba_67 Start: 43467, Stop: 43709, Start Num: 170

Candidate Starts for Atiba_67:

(Start: 170 @43467 has 180 MA's), (209, 43557), (253, 43653), (262, 43677),

Gene: Atkinbua_64 Start: 41089, Stop: 40823, Start Num: 122

Candidate Starts for Atkinbua_64:

(Start: 122 @41089 has 6 MA's), (Start: 129 @41077 has 4 MA's), (Start: 176 @41056 has 7 MA's), (198, 41005), (202, 40990), (211, 40969), (220, 40939), (232, 40909), (273, 40834),

Gene: Atraxi_9 Start: 6096, Stop: 5740, Start Num: 101

Candidate Starts for Atraxi_9:

(Start: 101 @6096 has 19 MA's), (Start: 127 @6057 has 1 MA's), (137, 6042), (254, 5829), (268, 5790),

Gene: Atuin_105 Start: 87057, Stop: 87320, Start Num: 167

Candidate Starts for Atuin_105:

(Start: 167 @87057 has 15 MA's), (251, 87246),

Gene: Auspice_39 Start: 32780, Stop: 33040, Start Num: 166

Candidate Starts for Auspice_39:

(89, 32651), (Start: 152 @32762 has 11 MA's), (Start: 166 @32780 has 24 MA's), (198, 32843), (229, 32930), (232, 32939), (236, 32948),

Gene: AvGardian_38 Start: 25976, Stop: 26215, Start Num: 174

Candidate Starts for AvGardian_38:

(117, 25892), (Start: 166 @25967 has 24 MA's), (Start: 174 @25976 has 82 MA's), (208, 26063),

Gene: AvadaKedavra_30 Start: 27700, Stop: 27969, Start Num: 168

Candidate Starts for AvadaKedavra_30:

(Start: 168 @27700 has 64 MA's), (Start: 191 @27745 has 6 MA's), (232, 27853),

Gene: Avocadoman_35 Start: 24931, Stop: 25161, Start Num: 174

Candidate Starts for Avocadoman_35:

(Start: 174 @24931 has 82 MA's),

Gene: Aziz_44 Start: 33930, Stop: 34181, Start Num: 166

Candidate Starts for Aziz_44:

(Start: 166 @33930 has 24 MA's), (209, 34023), (227, 34074), (228, 34077), (233, 34092), (268, 34146),

Gene: Azrael100_52 Start: 39360, Stop: 39608, Start Num: 167

Candidate Starts for Azrael100_52:

(Start: 167 @39360 has 15 MA's), (204, 39441), (220, 39489), (233, 39522), (234, 39525), (236, 39528), (256, 39561), (268, 39597),

Gene: BAKA_56 Start: 44234, Stop: 44479, Start Num: 169

Candidate Starts for BAKA_56:

(Start: 169 @44234 has 31 MA's), (198, 44297), (208, 44327), (210, 44330), (233, 44390), (234, 44393), (236, 44396),

Gene: BAjuniper_35 Start: 26652, Stop: 26891, Start Num: 175

Candidate Starts for BAjuniper_35:

(Start: 175 @26652 has 1 MA's), (192, 26694), (231, 26793), (233, 26799), (252, 26814), (268, 26844),

Gene: BEEST_66 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for BEEST_66:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: BFK20_ORF53 Start: 41569, Stop: 41835, Start Num: 164

Candidate Starts for BFK20_ORF53:

(121, 41539), (Start: 136 @41563 has 125 MA's), (Start: 164 @41569 has 8 MA's), (193, 41629), (208, 41671), (211, 41677), (232, 41737),

Gene: BGlluviae_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for BGlluviae_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: BK1_54 Start: 38910, Stop: 38635, Start Num: 124

Candidate Starts for BK1_54:

(Start: 123 @38913 has 30 MA's), (Start: 124 @38910 has 109 MA's), (Start: 129 @38898 has 4 MA's), (Start: 176 @38868 has 7 MA's), (198, 38817), (202, 38802), (211, 38781), (220, 38751), (232, 38721),

Gene: BPBiabs31_64 Start: 41826, Stop: 41557, Start Num: 123

Candidate Starts for BPBiabs31_64:

(Start: 123 @41826 has 30 MA's), (Start: 124 @41823 has 109 MA's), (Start: 129 @41811 has 4 MA's), (148, 41796), (Start: 176 @41790 has 7 MA's), (202, 41724), (211, 41703), (220, 41673), (232, 41643),

Gene: BabeRuth_56 Start: 36173, Stop: 36421, Start Num: 149

Candidate Starts for BabeRuth_56:

(Start: 149 @36173 has 59 MA's), (Start: 173 @36185 has 5 MA's), (232, 36335), (233, 36338), (273, 36413),

Gene: BaboJay_37 Start: 33214, Stop: 33462, Start Num: 168

Candidate Starts for BaboJay_37:

(Start: 123 @33145 has 30 MA's), (Start: 124 @33148 has 109 MA's), (140, 33175), (Start: 168 @33214 has 64 MA's), (197, 33274), (208, 33307), (211, 33313), (230, 33367), (234, 33379),

Gene: BabyDaisy_35 Start: 25454, Stop: 25684, Start Num: 174

Candidate Starts for BabyDaisy_35:

(92, 25325), (94, 25328), (Start: 100 @25343 has 22 MA's), (107, 25358), (109, 25361), (117, 25370), (Start: 166 @25445 has 24 MA's), (Start: 174 @25454 has 82 MA's), (231, 25595),

Gene: BabyYoda_37 Start: 26596, Stop: 26829, Start Num: 174

Candidate Starts for BabyYoda_37:

(117, 26512), (Start: 166 @26587 has 24 MA's), (Start: 174 @26596 has 82 MA's),

Gene: Bachaco_34 Start: 26614, Stop: 26844, Start Num: 174

Candidate Starts for Bachaco_34:

(94, 26485), (98, 26494), (Start: 100 @26500 has 22 MA's), (105, 26509), (111, 26521), (115, 26527), (Start: 123 @26539 has 30 MA's), (Start: 166 @26605 has 24 MA's), (Start: 174 @26614 has 82 MA's), (208, 26701), (231, 26755), (268, 26806), (285, 26836),

Gene: Bachome_59 Start: 37766, Stop: 37494, Start Num: 136

Candidate Starts for Bachome_59:

(Start: 136 @37766 has 125 MA's), (Start: 170 @37757 has 180 MA's), (224, 37616),

Gene: BaconJack_66 Start: 44013, Stop: 43747, Start Num: 124

Candidate Starts for BaconJack_66:

(Start: 123 @44016 has 30 MA's), (Start: 124 @44013 has 109 MA's), (Start: 129 @44001 has 4 MA's), (Start: 176 @43980 has 7 MA's), (198, 43929), (202, 43914), (211, 43893), (220, 43863), (232, 43833),

Gene: BadStone_36 Start: 33127, Stop: 33372, Start Num: 171

Candidate Starts for BadStone_36:

(Start: 171 @33127 has 120 MA's), (197, 33184), (208, 33217), (211, 33223), (228, 33271), (230, 33277), (234, 33289),

Gene: BaghaKamala_66 Start: 43286, Stop: 43528, Start Num: 170

Candidate Starts for BaghaKamala_66:

(128, 43241), (Start: 170 @43286 has 180 MA's), (209, 43376), (253, 43472), (262, 43496),

Gene: Bagrid_51 Start: 43567, Stop: 43812, Start Num: 169

Candidate Starts for Bagrid_51:

(Start: 169 @43567 has 31 MA's), (198, 43630), (208, 43660), (210, 43663), (233, 43723), (234, 43726), (236, 43729),

Gene: BaileyBlu_34 Start: 24331, Stop: 24588, Start Num: 170

Candidate Starts for BaileyBlu_34:

(66, 24157), (69, 24166), (Start: 170 @24331 has 180 MA's), (231, 24487), (265, 24529), (267, 24535),

Gene: Balomoji_36 Start: 32861, Stop: 33106, Start Num: 171

Candidate Starts for Balomoji_36:

(Start: 171 @32861 has 120 MA's), (197, 32918), (208, 32951), (211, 32957), (228, 33005), (230, 33011), (234, 33023),

Gene: Banquo_62 Start: 38905, Stop: 39129, Start Num: 170

Candidate Starts for Banquo_62:

(Start: 170 @38905 has 180 MA's), (192, 38947), (209, 38992), (212, 39001), (230, 39052), (233, 39061), (248, 39082),

Gene: Bantam_85 Start: 57381, Stop: 57115, Start Num: 151

Candidate Starts for Bantam_85:
(Start: 151 @57381 has 16 MA's), (185, 57333),

Gene: Baoshan_31 Start: 28288, Stop: 28509, Start Num: 191
Candidate Starts for Baoshan_31:
(Start: 168 @28243 has 64 MA's), (Start: 191 @28288 has 6 MA's), (210, 28339), (273, 28477), (283, 28498),

Gene: Barbarian_36 Start: 31996, Stop: 32241, Start Num: 171
Candidate Starts for Barbarian_36:
(Start: 171 @31996 has 120 MA's), (197, 32053), (208, 32086), (211, 32092), (230, 32146), (234, 32158),

Gene: BarnCat_46 Start: 30635, Stop: 30874, Start Num: 173
Candidate Starts for BarnCat_46:
(96, 30518), (104, 30536), (Start: 173 @30635 has 5 MA's), (198, 30692), (208, 30719), (211, 30728),

Gene: Barnstormer_41 Start: 26907, Stop: 27167, Start Num: 151
Candidate Starts for Barnstormer_41:
(76, 26781), (Start: 151 @26907 has 16 MA's),

Gene: BarrelRoll_67 Start: 43905, Stop: 44147, Start Num: 170
Candidate Starts for BarrelRoll_67:
(Start: 170 @43905 has 180 MA's), (209, 43995), (253, 44091), (262, 44115),

Gene: Barriga_65 Start: 40220, Stop: 39954, Start Num: 124
Candidate Starts for Barriga_65:
(Start: 123 @40223 has 30 MA's), (Start: 124 @40220 has 109 MA's), (Start: 129 @40208 has 4 MA's), (Start: 176 @40187 has 7 MA's), (198, 40136), (202, 40121), (211, 40100), (220, 40070), (232, 40040), (273, 39965),

Gene: Barroma_9 Start: 6089, Stop: 5751, Start Num: 101
Candidate Starts for Barroma_9:
(57, 6161), (Start: 101 @6089 has 19 MA's), (Start: 127 @6050 has 1 MA's), (190, 5978), (203, 5939), (270, 5798),

Gene: Bask21_37 Start: 32313, Stop: 32558, Start Num: 171
Candidate Starts for Bask21_37:
(Start: 171 @32313 has 120 MA's), (197, 32370), (208, 32403), (211, 32409), (230, 32463), (234, 32475),

Gene: Battleship_66 Start: 37873, Stop: 37604, Start Num: 163
Candidate Starts for Battleship_66:
(14, 38317), (25, 38215), (Start: 163 @37873 has 20 MA's), (234, 37696),

Gene: Baudelaire_33 Start: 27825, Stop: 28055, Start Num: 187
Candidate Starts for Baudelaire_33:
(Start: 168 @27789 has 64 MA's), (183, 27816), (Start: 187 @27825 has 2 MA's), (198, 27852), (208, 27882), (217, 27903), (232, 27942), (233, 27945), (234, 27948), (264, 28005), (268, 28014),

Gene: Bazzle_32 Start: 28660, Stop: 28926, Start Num: 168
Candidate Starts for Bazzle_32:

(Start: 168 @28660 has 64 MA's), (Start: 191 @28705 has 6 MA's), (210, 28756), (217, 28774), (236, 28822), (273, 28894), (283, 28915),

Gene: Beatrix_61 Start: 42133, Stop: 41867, Start Num: 124

Candidate Starts for Beatrix_61:

(Start: 123 @42136 has 30 MA's), (Start: 124 @42133 has 109 MA's), (Start: 129 @42121 has 4 MA's), (Start: 176 @42097 has 7 MA's), (197, 42052), (202, 42034), (211, 42013), (220, 41983), (232, 41953), (273, 41878),

Gene: Beem_52 Start: 44133, Stop: 44378, Start Num: 169

Candidate Starts for Beem_52:

(Start: 169 @44133 has 31 MA's), (198, 44196), (208, 44226), (210, 44229), (233, 44289), (234, 44292), (236, 44295),

Gene: Beemo_58 Start: 38323, Stop: 38051, Start Num: 136

Candidate Starts for Beemo_58:

(Start: 136 @38323 has 125 MA's), (Start: 170 @38314 has 180 MA's), (194, 38257), (207, 38221), (221, 38182), (230, 38155), (234, 38143),

Gene: BeesKnees_64 Start: 40665, Stop: 40390, Start Num: 124

Candidate Starts for BeesKnees_64:

(Start: 124 @40665 has 109 MA's), (Start: 129 @40653 has 4 MA's), (198, 40572), (202, 40557), (211, 40536), (220, 40506), (232, 40476),

Gene: Beezoo_68 Start: 44417, Stop: 44659, Start Num: 170

Candidate Starts for Beezoo_68:

(Start: 170 @44417 has 180 MA's), (209, 44507), (253, 44603), (262, 44627),

Gene: Bella96_67 Start: 44208, Stop: 44450, Start Num: 170

Candidate Starts for Bella96_67:

(Start: 170 @44208 has 180 MA's), (209, 44298), (253, 44394), (262, 44418),

Gene: Belladonna_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Belladonna_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Bellis_31 Start: 28787, Stop: 29053, Start Num: 168

Candidate Starts for Bellis_31:

(Start: 168 @28787 has 64 MA's), (Start: 179 @28799 has 9 MA's), (Start: 191 @28832 has 6 MA's),

Gene: BelmontSKP_37 Start: 25815, Stop: 26045, Start Num: 174

Candidate Starts for BelmontSKP_37:

(Start: 174 @25815 has 82 MA's),

Gene: Bench_39 Start: 32995, Stop: 33240, Start Num: 171

Candidate Starts for Bench_39:

(Start: 171 @32995 has 120 MA's), (197, 33052), (208, 33085), (211, 33091), (230, 33145), (234, 33157),

Gene: Benvolio_55 Start: 37700, Stop: 37428, Start Num: 136

Candidate Starts for Benvolio_55:

(Start: 136 @37700 has 125 MA's), (Start: 170 @37691 has 180 MA's), (Start: 178 @37679 has 1 MA's), (180, 37673), (224, 37550),

Gene: Bernstein_33 Start: 23463, Stop: 23702, Start Num: 166

Candidate Starts for Bernstein_33:

(49, 23220), (58, 23250), (Start: 166 @23463 has 24 MA's), (Start: 174 @23472 has 82 MA's), (208, 23559), (268, 23664), (285, 23694),

Gene: Berrie_34 Start: 25682, Stop: 25942, Start Num: 149

Candidate Starts for Berrie_34:

(37, 25445), (41, 25454), (Start: 149 @25682 has 59 MA's),

Gene: Bethlehem_61 Start: 42502, Stop: 42233, Start Num: 123

Candidate Starts for Bethlehem_61:

(Start: 123 @42502 has 30 MA's), (Start: 124 @42499 has 109 MA's), (Start: 129 @42487 has 4 MA's), (148, 42472), (Start: 176 @42466 has 7 MA's), (198, 42415), (202, 42400), (211, 42379), (220, 42349), (232, 42319), (273, 42244),

Gene: Bexan_59 Start: 41912, Stop: 41646, Start Num: 124

Candidate Starts for Bexan_59:

(Start: 123 @41915 has 30 MA's), (Start: 124 @41912 has 109 MA's), (Start: 129 @41900 has 4 MA's), (Start: 176 @41876 has 7 MA's), (197, 41831), (202, 41813), (220, 41762), (273, 41657),

Gene: Big3_63 Start: 42551, Stop: 42288, Start Num: 124

Candidate Starts for Big3_63:

(Start: 123 @42554 has 30 MA's), (Start: 124 @42551 has 109 MA's), (Start: 129 @42539 has 4 MA's), (Start: 176 @42518 has 7 MA's), (198, 42467), (202, 42452), (211, 42431), (220, 42401), (232, 42371), (271, 42299),

Gene: Big4_346 Start: 183627, Stop: 183857, Start Num: 176

Candidate Starts for Big4_346:

(Start: 176 @183627 has 7 MA's), (202, 183699), (271, 183846),

Gene: Big4_20 Start: 8933, Stop: 9163, Start Num: 176

Candidate Starts for Big4_20:

(Start: 176 @8933 has 7 MA's), (202, 9005), (271, 9152),

Gene: Big4_204 Start: 114726, Stop: 114472, Start Num: 167

Candidate Starts for Big4_204:

(125, 114774), (Start: 167 @114726 has 15 MA's),

Gene: BigBubba_38 Start: 32898, Stop: 33143, Start Num: 171

Candidate Starts for BigBubba_38:

(Start: 171 @32898 has 120 MA's), (197, 32955), (208, 32988), (211, 32994), (228, 33042), (230, 33048), (234, 33060),

Gene: BigCheese_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for BigCheese_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: BigPaolini_59 Start: 39208, Stop: 38933, Start Num: 124

Candidate Starts for BigPaolini_59:

(Start: 123 @39211 has 30 MA's), (Start: 124 @39208 has 109 MA's), (Start: 129 @39196 has 4 MA's), (Start: 176 @39166 has 7 MA's), (198, 39115), (202, 39100), (211, 39079), (220, 39049), (232,

39019),

Gene: Bigfoot_54 Start: 40154, Stop: 39888, Start Num: 124

Candidate Starts for Bigfoot_54:

(Start: 123 @40157 has 30 MA's), (Start: 124 @40154 has 109 MA's), (Start: 129 @40142 has 4 MA's), (Start: 176 @40121 has 7 MA's), (198, 40070), (202, 40055), (211, 40034), (220, 40004), (232, 39974),

Gene: Biglebops_55 Start: 40941, Stop: 41186, Start Num: 170

Candidate Starts for Biglebops_55:

(Start: 108 @40869 has 4 MA's), (Start: 170 @40941 has 180 MA's), (213, 41046), (229, 41088), (253, 41124),

Gene: BilboSwaggins_37 Start: 33135, Stop: 33380, Start Num: 171

Candidate Starts for BilboSwaggins_37:

(Start: 171 @33135 has 120 MA's), (197, 33192), (208, 33225), (211, 33231), (230, 33285), (234, 33297),

Gene: BillKnuckles_59 Start: 42435, Stop: 42130, Start Num: 123

Candidate Starts for BillKnuckles_59:

(Start: 123 @42435 has 30 MA's), (Start: 124 @42432 has 109 MA's), (Start: 129 @42420 has 4 MA's), (Start: 176 @42396 has 7 MA's), (197, 42351), (202, 42333), (220, 42282), (260, 42207), (273, 42177), (283, 42153),

Gene: Biozilla_9 Start: 6310, Stop: 5987, Start Num: 100

Candidate Starts for Biozilla_9:

(38, 6478), (44, 6460), (54, 6427), (Start: 100 @6310 has 22 MA's), (135, 6259), (Start: 170 @6244 has 180 MA's), (Start: 191 @6196 has 6 MA's), (229, 6088), (260, 6040), (268, 6022),

Gene: Bircsak_61 Start: 42809, Stop: 42543, Start Num: 124

Candidate Starts for Bircsak_61:

(Start: 123 @42812 has 30 MA's), (Start: 124 @42809 has 109 MA's), (Start: 129 @42797 has 4 MA's), (Start: 176 @42776 has 7 MA's), (198, 42725), (202, 42710), (211, 42689), (220, 42659), (232, 42629),

Gene: Birdfeeder_9 Start: 6368, Stop: 6045, Start Num: 100

Candidate Starts for Birdfeeder_9:

(Start: 100 @6368 has 22 MA's), (135, 6317), (Start: 191 @6254 has 6 MA's), (260, 6098),

Gene: Blizzard_66 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for Blizzard_66:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: Bloom_112 Start: 87140, Stop: 87388, Start Num: 171

Candidate Starts for Bloom_112:

(Start: 171 @87140 has 120 MA's), (Start: 175 @87146 has 1 MA's), (180, 87152),

Gene: Blue_61 Start: 41818, Stop: 41588, Start Num: 176

Candidate Starts for Blue_61:

(Start: 123 @41857 has 30 MA's), (Start: 124 @41854 has 109 MA's), (Start: 129 @41842 has 4 MA's), (Start: 176 @41818 has 7 MA's), (197, 41773), (202, 41755), (220, 41704), (260, 41629), (273, 41599),

Gene: BobSwaget_54 Start: 37176, Stop: 36904, Start Num: 136
Candidate Starts for BobSwaget_54:
(Start: 136 @37176 has 125 MA's), (180, 37149), (224, 37026), (234, 36996),

Gene: Bobby_51 Start: 42712, Stop: 42957, Start Num: 169
Candidate Starts for Bobby_51:
(Start: 169 @42712 has 31 MA's), (223, 42844),

Gene: BobsGarage_32 Start: 28422, Stop: 28688, Start Num: 168
Candidate Starts for BobsGarage_32:
(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: BogosyJay_57 Start: 38245, Stop: 37973, Start Num: 136
Candidate Starts for BogosyJay_57:
(Start: 136 @38245 has 125 MA's), (Start: 170 @38236 has 180 MA's), (194, 38179), (207, 38143), (234, 38065),

Gene: Boiiii_66 Start: 43821, Stop: 44063, Start Num: 170
Candidate Starts for Boiiii_66:
(Start: 170 @43821 has 180 MA's), (209, 43911), (253, 44007), (262, 44031),

Gene: Boilgate_63 Start: 45255, Stop: 45500, Start Num: 159
Candidate Starts for Boilgate_63:
(Start: 159 @45255 has 2 MA's), (Start: 172 @45270 has 1 MA's), (272, 45486), (274, 45489),

Gene: Bombitas_49 Start: 43727, Stop: 43975, Start Num: 169
Candidate Starts for Bombitas_49:
(Start: 169 @43727 has 31 MA's), (223, 43859),

Gene: Bongo_39 Start: 32762, Stop: 33040, Start Num: 152
Candidate Starts for Bongo_39:
(89, 32651), (Start: 152 @32762 has 11 MA's), (Start: 166 @32780 has 24 MA's), (198, 32843), (229, 32930), (232, 32939), (236, 32948),

Gene: Boohoo_64 Start: 37667, Stop: 37398, Start Num: 163
Candidate Starts for Boohoo_64:
(14, 38111), (17, 38087), (25, 38009), (Start: 163 @37667 has 20 MA's), (234, 37490), (261, 37451),

Gene: BoostSeason_69 Start: 45667, Stop: 45912, Start Num: 170
Candidate Starts for BoostSeason_69:
(112, 45610), (116, 45616), (Start: 170 @45667 has 180 MA's), (209, 45757), (233, 45826), (253, 45850), (277, 45904),

Gene: Bosection6_51 Start: 33918, Stop: 34166, Start Num: 149
Candidate Starts for Bosection6_51:
(11, 33354), (27, 33573), (51, 33711), (62, 33744), (Start: 100 @33840 has 22 MA's), (Start: 149 @33918 has 59 MA's), (Start: 173 @33930 has 5 MA's), (209, 34014), (232, 34080), (233, 34083),

Gene: BourbonZero_30 Start: 28780, Stop: 29001, Start Num: 191
Candidate Starts for BourbonZero_30:
(Start: 168 @28735 has 64 MA's), (Start: 179 @28747 has 9 MA's), (Start: 191 @28780 has 6 MA's), (208, 28828),

Gene: Bowtie_58 Start: 37793, Stop: 37521, Start Num: 136

Candidate Starts for Bowtie_58:

(Start: 136 @37793 has 125 MA's), (Start: 170 @37784 has 180 MA's), (234, 37613),

Gene: Bradman_57 Start: 37421, Stop: 37149, Start Num: 136

Candidate Starts for Bradman_57:

(Start: 136 @37421 has 125 MA's), (Start: 178 @37400 has 1 MA's), (180, 37394), (224, 37271), (228, 37259),

Gene: Brahms_33 Start: 23410, Stop: 23649, Start Num: 166

Candidate Starts for Brahms_33:

(49, 23167), (58, 23197), (Start: 166 @23410 has 24 MA's), (Start: 174 @23419 has 82 MA's), (208, 23506), (268, 23611), (285, 23641),

Gene: BrainDrainer_31 Start: 27763, Stop: 27981, Start Num: 191

Candidate Starts for BrainDrainer_31:

(Start: 168 @27718 has 64 MA's), (Start: 191 @27763 has 6 MA's), (234, 27877),

Gene: Breezona_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Breezona_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Bricole_39 Start: 32748, Stop: 33026, Start Num: 152

Candidate Starts for Bricole_39:

(89, 32637), (Start: 152 @32748 has 11 MA's), (Start: 166 @32766 has 24 MA's), (198, 32829), (229, 32916), (232, 32925), (236, 32934),

Gene: Bromden_32 Start: 28137, Stop: 28400, Start Num: 168

Candidate Starts for Bromden_32:

(Start: 168 @28137 has 64 MA's), (Start: 191 @28182 has 6 MA's), (232, 28290), (273, 28371),

Gene: Bruin_37 Start: 33155, Stop: 33400, Start Num: 171

Candidate Starts for Bruin_37:

(Start: 171 @33155 has 120 MA's), (197, 33212), (208, 33245), (211, 33251), (230, 33305), (234, 33317),

Gene: Bryler_70 Start: 43476, Stop: 43715, Start Num: 170

Candidate Starts for Bryler_70:

(112, 43392), (Start: 170 @43476 has 180 MA's), (Start: 176 @43485 has 7 MA's), (209, 43566), (228, 43620),

Gene: BubbaBear_35 Start: 25387, Stop: 25617, Start Num: 174

Candidate Starts for BubbaBear_35:

(Start: 174 @25387 has 82 MA's),

Gene: Buck_36 Start: 33091, Stop: 33336, Start Num: 171

Candidate Starts for Buck_36:

(Start: 171 @33091 has 120 MA's), (197, 33148), (208, 33181), (211, 33187), (230, 33241), (234, 33253),

Gene: Bud_57 Start: 37340, Stop: 37068, Start Num: 136

Candidate Starts for Bud_57:

(Start: 136 @37340 has 125 MA's), (Start: 170 @37331 has 180 MA's), (234, 37160),

Gene: BugsBunny_35 Start: 32724, Stop: 32969, Start Num: 171

Candidate Starts for BugsBunny_35:

(Start: 171 @32724 has 120 MA's), (197, 32781), (208, 32814), (211, 32820), (230, 32874), (234, 32886),

Gene: Buggy_60 Start: 38826, Stop: 38554, Start Num: 136

Candidate Starts for Buggy_60:

(35, 39066), (46, 39027), (Start: 136 @38826 has 125 MA's), (Start: 170 @38817 has 180 MA's), (Start: 178 @38805 has 1 MA's), (180, 38799), (224, 38676),

Gene: Buldak_34 Start: 24254, Stop: 24493, Start Num: 174

Candidate Starts for Buldak_34:

(5, 23414), (10, 23633), (32, 23939), (144, 24218), (Start: 174 @24254 has 82 MA's), (208, 24341),

Gene: Burritobowl_36 Start: 25388, Stop: 25618, Start Num: 174

Candidate Starts for Burritobowl_36:

(Start: 174 @25388 has 82 MA's),

Gene: Burton_63 Start: 42834, Stop: 42568, Start Num: 124

Candidate Starts for Burton_63:

(Start: 123 @42837 has 30 MA's), (Start: 124 @42834 has 109 MA's), (Start: 129 @42822 has 4 MA's), (Start: 176 @42801 has 7 MA's), (198, 42750), (202, 42735), (211, 42714), (220, 42684), (232, 42654), (273, 42579),

Gene: Butters_53 Start: 35513, Stop: 35761, Start Num: 149

Candidate Starts for Butters_53:

(62, 35339), (Start: 100 @35435 has 22 MA's), (Start: 149 @35513 has 59 MA's), (Start: 173 @35525 has 5 MA's), (209, 35609), (232, 35675), (233, 35678),

Gene: Buttons_59 Start: 38725, Stop: 38456, Start Num: 123

Candidate Starts for Buttons_59:

(Start: 123 @38725 has 30 MA's), (Start: 124 @38722 has 109 MA's), (Start: 129 @38710 has 4 MA's), (Start: 176 @38689 has 7 MA's), (198, 38638), (202, 38623), (211, 38602), (220, 38572), (232, 38542),

Gene: Bxb1_56 Start: 39835, Stop: 39569, Start Num: 124

Candidate Starts for Bxb1_56:

(Start: 123 @39838 has 30 MA's), (Start: 124 @39835 has 109 MA's), (Start: 129 @39823 has 4 MA's), (Start: 176 @39802 has 7 MA's), (198, 39751), (202, 39736), (211, 39715), (220, 39685), (232, 39655), (273, 39580),

Gene: C3_56 Start: 38705, Stop: 38394, Start Num: 108

Candidate Starts for C3_56:

(Start: 108 @38705 has 4 MA's), (Start: 136 @38666 has 125 MA's), (Start: 170 @38657 has 180 MA's), (207, 38564), (224, 38516), (234, 38486),

Gene: CREW_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for CREW_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Cactus_38 Start: 32346, Stop: 32591, Start Num: 171
Candidate Starts for Cactus_38:
(Start: 171 @32346 has 120 MA's), (197, 32403), (208, 32436), (211, 32442), (230, 32496), (234, 32508),

Gene: CactusRose_62 Start: 41174, Stop: 40908, Start Num: 124
Candidate Starts for CactusRose_62:
(Start: 123 @41177 has 30 MA's), (Start: 124 @41174 has 109 MA's), (Start: 129 @41162 has 4 MA's), (Start: 176 @41141 has 7 MA's), (198, 41090), (202, 41075), (211, 41054), (220, 41024), (232, 40994),

Gene: Cain_70 Start: 43464, Stop: 43703, Start Num: 170
Candidate Starts for Cain_70:
(112, 43380), (Start: 170 @43464 has 180 MA's), (Start: 176 @43473 has 7 MA's), (209, 43554), (228, 43608),

Gene: CallinAllBarbz_34 Start: 24734, Stop: 24985, Start Num: 170
Candidate Starts for CallinAllBarbz_34:
(Start: 170 @24734 has 180 MA's), (207, 24827), (267, 24932),

Gene: Calm_30 Start: 27704, Stop: 27973, Start Num: 168
Candidate Starts for Calm_30:
(Start: 168 @27704 has 64 MA's), (Start: 191 @27749 has 6 MA's), (232, 27857),

Gene: Candle_40 Start: 36392, Stop: 36637, Start Num: 166
Candidate Starts for Candle_40:
(137, 36350), (Start: 166 @36392 has 24 MA's), (180, 36413), (Start: 187 @36434 has 2 MA's), (198, 36461), (238, 36560), (241, 36563), (244, 36566), (269, 36617),

Gene: Cappuccino_31 Start: 22494, Stop: 22760, Start Num: 151
Candidate Starts for Cappuccino_31:
(Start: 151 @22494 has 16 MA's), (Start: 158 @22503 has 3 MA's), (Start: 170 @22509 has 180 MA's), (200, 22572),

Gene: Capricorn_66 Start: 43622, Stop: 43864, Start Num: 170
Candidate Starts for Capricorn_66:
(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Caraxes_58 Start: 36944, Stop: 36672, Start Num: 136
Candidate Starts for Caraxes_58:
(Start: 136 @36944 has 125 MA's), (180, 36917), (224, 36794), (228, 36782),

Gene: Carcharodon_50 Start: 34905, Stop: 35153, Start Num: 149
Candidate Starts for Carcharodon_50:
(18, 34491), (51, 34698), (62, 34731), (Start: 100 @34827 has 22 MA's), (Start: 149 @34905 has 59 MA's), (Start: 173 @34917 has 5 MA's), (Start: 176 @34923 has 7 MA's), (209, 35001), (232, 35067), (233, 35070),

Gene: Carlyle_62 Start: 39960, Stop: 39694, Start Num: 124
Candidate Starts for Carlyle_62:
(Start: 123 @39963 has 30 MA's), (Start: 124 @39960 has 109 MA's), (Start: 129 @39948 has 4 MA's), (Start: 176 @39924 has 7 MA's), (197, 39879), (202, 39861), (219, 39813), (220, 39810), (260, 39735), (273, 39705),

Gene: Caron_44 Start: 27999, Stop: 28262, Start Num: 151
Candidate Starts for Caron_44:
(79, 27885), (81, 27888), (Start: 151 @27999 has 16 MA's), (192, 28053),

Gene: CaseJules_68 Start: 43819, Stop: 44061, Start Num: 170
Candidate Starts for CaseJules_68:
(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: Cashington_34 Start: 24734, Stop: 24964, Start Num: 174
Candidate Starts for Cashington_34:
(Start: 174 @24734 has 82 MA's), (231, 24875),

Gene: Cassia_34 Start: 25274, Stop: 25540, Start Num: 149
Candidate Starts for Cassia_34:
(Start: 149 @25274 has 59 MA's), (233, 25457),

Gene: Cassita_54 Start: 33514, Stop: 33735, Start Num: 173
Candidate Starts for Cassita_54:
(67, 33349), (83, 33376), (85, 33379), (Start: 173 @33514 has 5 MA's), (211, 33607),

Gene: Catalina_59 Start: 38226, Stop: 37954, Start Num: 136
Candidate Starts for Catalina_59:
(Start: 136 @38226 has 125 MA's), (Start: 170 @38217 has 180 MA's), (194, 38160), (207, 38124),
(221, 38085), (230, 38058), (234, 38046),

Gene: Catfish_63 Start: 40933, Stop: 41151, Start Num: 170
Candidate Starts for Catfish_63:
(Start: 170 @40933 has 180 MA's), (188, 40966), (220, 41056),

Gene: Cece_195 Start: 119232, Stop: 118984, Start Num: 167
Candidate Starts for Cece_195:
(Start: 124 @119280 has 109 MA's), (Start: 132 @119265 has 10 MA's), (Start: 167 @119232 has 15 MA's), (215, 119118), (227, 119097), (251, 119052),

Gene: Celaena_34 Start: 26364, Stop: 26594, Start Num: 174
Candidate Starts for Celaena_34:
(94, 26235), (98, 26244), (Start: 100 @26250 has 22 MA's), (105, 26259), (111, 26271), (115, 26277),
(Start: 123 @26289 has 30 MA's), (Start: 166 @26355 has 24 MA's), (Start: 174 @26364 has 82 MA's), (208, 26451), (231, 26505), (268, 26556),

Gene: Cen1621_38 Start: 25188, Stop: 25475, Start Num: 133
Candidate Starts for Cen1621_38:
(Start: 133 @25188 has 1 MA's), (Start: 167 @25215 has 15 MA's), (227, 25371), (236, 25395),

Gene: Chanagan_56 Start: 38816, Stop: 38541, Start Num: 124
Candidate Starts for Chanagan_56:
(Start: 123 @38819 has 30 MA's), (Start: 124 @38816 has 109 MA's), (Start: 129 @38804 has 4 MA's), (Start: 176 @38774 has 7 MA's), (198, 38723), (202, 38708), (211, 38687), (220, 38657), (232, 38627),

Gene: Charlie_51 Start: 33657, Stop: 33905, Start Num: 149
Candidate Starts for Charlie_51:

(11, 33093), (27, 33312), (51, 33450), (62, 33483), (Start: 100 @33579 has 22 MA's), (Start: 149 @33657 has 59 MA's), (Start: 173 @33669 has 5 MA's), (209, 33753), (232, 33819), (233, 33822),

Gene: Charm_56 Start: 38090, Stop: 37818, Start Num: 136

Candidate Starts for Charm_56:

(Start: 136 @38090 has 125 MA's), (194, 38024), (207, 37988), (230, 37922), (234, 37910), (240, 37901),

Gene: Chaser_30 Start: 27536, Stop: 27799, Start Num: 168

Candidate Starts for Chaser_30:

(Start: 168 @27536 has 64 MA's), (Start: 191 @27581 has 6 MA's), (234, 27695),

Gene: Che12_59 Start: 37385, Stop: 37113, Start Num: 136

Candidate Starts for Che12_59:

(Start: 136 @37385 has 125 MA's), (180, 37358), (193, 37322), (211, 37274), (224, 37235), (228, 37223), (234, 37205),

Gene: CheetoDust_66 Start: 43333, Stop: 43575, Start Num: 170

Candidate Starts for CheetoDust_66:

(128, 43288), (Start: 170 @43333 has 180 MA's), (209, 43423), (253, 43519), (262, 43543),

Gene: Chewbacca_52 Start: 34905, Stop: 35153, Start Num: 149

Candidate Starts for Chewbacca_52:

(18, 34491), (51, 34698), (62, 34731), (Start: 100 @34827 has 22 MA's), (Start: 149 @34905 has 59 MA's), (Start: 173 @34917 has 5 MA's), (Start: 176 @34923 has 7 MA's), (209, 35001), (232, 35067), (233, 35070),

Gene: ChiliPepper_33 Start: 25809, Stop: 26048, Start Num: 166

Candidate Starts for ChiliPepper_33:

(21, 25398), (29, 25461), (30, 25479), (31, 25500), (34, 25509), (39, 25533), (45, 25551), (48, 25557), (55, 25584), (56, 25587), (62, 25608), (63, 25611), (72, 25638), (78, 25650), (84, 25665), (90, 25680), (94, 25689), (98, 25698), (Start: 100 @25704 has 22 MA's), (105, 25713), (111, 25725), (115, 25731), (Start: 166 @25809 has 24 MA's), (Start: 174 @25818 has 82 MA's), (202, 25890), (208, 25905), (231, 25959), (268, 26010), (285, 26040),

Gene: ChipMunk_60 Start: 40026, Stop: 39754, Start Num: 136

Candidate Starts for ChipMunk_60:

(Start: 136 @40026 has 125 MA's), (Start: 170 @40017 has 180 MA's), (Start: 178 @40005 has 1 MA's), (180, 39999), (224, 39876),

Gene: ChosenOne_37 Start: 32343, Stop: 32588, Start Num: 171

Candidate Starts for ChosenOne_37:

(Start: 171 @32343 has 120 MA's), (197, 32400), (208, 32433), (211, 32439), (230, 32493), (234, 32505),

Gene: ChotaBhai_37 Start: 32381, Stop: 32626, Start Num: 171

Candidate Starts for ChotaBhai_37:

(Start: 171 @32381 has 120 MA's), (197, 32438), (208, 32471), (211, 32477), (228, 32525), (230, 32531), (234, 32543),

Gene: Chris_69 Start: 44665, Stop: 44892, Start Num: 170

Candidate Starts for Chris_69:

(Start: 170 @44665 has 180 MA's), (228, 44797), (253, 44836),

Gene: Ciao_60 Start: 40180, Stop: 39914, Start Num: 124

Candidate Starts for Ciao_60:

(Start: 123 @40183 has 30 MA's), (Start: 124 @40180 has 109 MA's), (Start: 129 @40168 has 4 MA's), (Start: 176 @40147 has 7 MA's), (198, 40096), (202, 40081), (211, 40060), (220, 40030), (232, 40000),

Gene: CicholasNage_30 Start: 27692, Stop: 27961, Start Num: 168

Candidate Starts for CicholasNage_30:

(Start: 168 @27692 has 64 MA's), (Start: 191 @27737 has 6 MA's), (232, 27845),

Gene: Cjw1_37 Start: 33895, Stop: 34140, Start Num: 171

Candidate Starts for Cjw1_37:

(Start: 171 @33895 has 120 MA's), (197, 33952), (208, 33985), (211, 33991), (230, 34045), (234, 34057),

Gene: Claus_32 Start: 28444, Stop: 28665, Start Num: 191

Candidate Starts for Claus_32:

(Start: 168 @28399 has 64 MA's), (Start: 191 @28444 has 6 MA's), (210, 28495), (217, 28513), (273, 28633), (283, 28654),

Gene: Clautastrophe_31 Start: 28784, Stop: 29050, Start Num: 168

Candidate Starts for Clautastrophe_31:

(Start: 168 @28784 has 64 MA's), (Start: 179 @28796 has 9 MA's), (Start: 191 @28829 has 6 MA's),

Gene: Clayda5_34 Start: 23406, Stop: 23636, Start Num: 174

Candidate Starts for Clayda5_34:

(49, 23154), (58, 23184), (Start: 166 @23397 has 24 MA's), (Start: 174 @23406 has 82 MA's), (208, 23493), (268, 23598), (285, 23628),

Gene: CliffHanger_39 Start: 24318, Stop: 24548, Start Num: 174

Candidate Starts for CliffHanger_39:

(Start: 174 @24318 has 82 MA's), (193, 24363), (225, 24441),

Gene: Collard_58 Start: 40730, Stop: 40978, Start Num: 170

Candidate Starts for Collard_58:

(Start: 170 @40730 has 180 MA's), (221, 40862), (233, 40892), (258, 40925),

Gene: Coltrane_33 Start: 23410, Stop: 23649, Start Num: 166

Candidate Starts for Coltrane_33:

(49, 23167), (58, 23197), (Start: 166 @23410 has 24 MA's), (Start: 174 @23419 has 82 MA's), (208, 23506), (268, 23611), (285, 23641),

Gene: Command613_38 Start: 33402, Stop: 33647, Start Num: 171

Candidate Starts for Command613_38:

(Start: 171 @33402 has 120 MA's), (197, 33459), (208, 33492), (211, 33498), (230, 33552), (234, 33564),

Gene: Community_34 Start: 26806, Stop: 27072, Start Num: 149

Candidate Starts for Community_34:

(37, 26569), (41, 26578), (Start: 149 @26806 has 59 MA's),

Gene: ConceptII_64 Start: 42246, Stop: 41980, Start Num: 124

Candidate Starts for ConceptII_64:

(Start: 123 @42249 has 30 MA's), (Start: 124 @42246 has 109 MA's), (Start: 129 @42234 has 4 MA's), (Start: 176 @42213 has 7 MA's), (198, 42162), (202, 42147), (211, 42126), (220, 42096), (232, 42066),

Gene: Conquerage_58 Start: 38297, Stop: 38025, Start Num: 136

Candidate Starts for Conquerage_58:

(Start: 136 @38297 has 125 MA's), (Start: 170 @38288 has 180 MA's), (194, 38231), (207, 38195), (221, 38156), (230, 38129), (234, 38117),

Gene: Constella_44 Start: 40270, Stop: 40518, Start Num: 169

Candidate Starts for Constella_44:

(Start: 169 @40270 has 31 MA's), (188, 40309), (208, 40363), (210, 40366), (232, 40423), (256, 40459), (273, 40507),

Gene: Contagion_36 Start: 32639, Stop: 32884, Start Num: 171

Candidate Starts for Contagion_36:

(Start: 171 @32639 has 120 MA's), (197, 32696), (208, 32729), (211, 32735), (228, 32783), (230, 32789), (234, 32801),

Gene: Cookies_37 Start: 33004, Stop: 33249, Start Num: 171

Candidate Starts for Cookies_37:

(Start: 171 @33004 has 120 MA's), (197, 33061), (208, 33094), (211, 33100), (228, 33148), (230, 33154), (234, 33166),

Gene: Corn21_9 Start: 6384, Stop: 6061, Start Num: 100

Candidate Starts for Corn21_9:

(71, 6450), (Start: 100 @6384 has 22 MA's), (135, 6333), (184, 6288), (Start: 191 @6270 has 6 MA's), (228, 6165), (260, 6114),

Gene: Corvo_63 Start: 42111, Stop: 41845, Start Num: 124

Candidate Starts for Corvo_63:

(Start: 123 @42114 has 30 MA's), (Start: 124 @42111 has 109 MA's), (Start: 129 @42099 has 4 MA's), (Start: 176 @42078 has 7 MA's), (198, 42027), (202, 42012), (211, 41991), (220, 41961), (232, 41931), (273, 41856),

Gene: Cosmo_53 Start: 39361, Stop: 39609, Start Num: 167

Candidate Starts for Cosmo_53:

(Start: 167 @39361 has 15 MA's), (204, 39442), (220, 39490), (233, 39523), (234, 39526), (236, 39529), (256, 39562), (268, 39598),

Gene: Courthouse_51 Start: 40812, Stop: 41051, Start Num: 179

Candidate Starts for Courthouse_51:

(Start: 179 @40812 has 9 MA's), (188, 40839), (208, 40893), (210, 40896), (232, 40953), (256, 40989),

Gene: Crewmate_37 Start: 25536, Stop: 25778, Start Num: 150

Candidate Starts for Crewmate_37:

(37, 25278), (50, 25314), (Start: 150 @25536 has 5 MA's),

Gene: CrimD_68 Start: 44444, Stop: 44686, Start Num: 170

Candidate Starts for CrimD_68:

(Start: 170 @44444 has 180 MA's), (209, 44534), (253, 44630),

Gene: CroZenni_36 Start: 25278, Stop: 25508, Start Num: 174

Candidate Starts for CroZenni_36:

(92, 25149), (94, 25152), (Start: 101 @25170 has 19 MA's), (107, 25182), (109, 25185), (117, 25194), (119, 25197), (Start: 166 @25269 has 24 MA's), (Start: 174 @25278 has 82 MA's),

Gene: Crossroads_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Crossroads_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Crucio_58 Start: 38443, Stop: 38171, Start Num: 136

Candidate Starts for Crucio_58:

(Start: 136 @38443 has 125 MA's), (Start: 170 @38434 has 180 MA's), (Start: 178 @38422 has 1 MA's), (180, 38416), (224, 38293),

Gene: CrunchyBoi_10 Start: 6445, Stop: 6122, Start Num: 100

Candidate Starts for CrunchyBoi_10:

(38, 6613), (54, 6562), (Start: 100 @6445 has 22 MA's), (135, 6394), (Start: 170 @6379 has 180 MA's), (Start: 191 @6331 has 6 MA's), (229, 6223), (260, 6175), (268, 6157),

Gene: CrystalP_37 Start: 33135, Stop: 33380, Start Num: 171

Candidate Starts for CrystalP_37:

(Start: 171 @33135 has 120 MA's), (197, 33192), (208, 33225), (211, 33231), (230, 33285), (234, 33297),

Gene: Curiosium_70 Start: 43138, Stop: 43380, Start Num: 170

Candidate Starts for Curiosium_70:

(Start: 108 @43060 has 4 MA's), (Start: 170 @43138 has 180 MA's), (209, 43228), (253, 43324), (262, 43348),

Gene: Cyan_33 Start: 24752, Stop: 24994, Start Num: 149

Candidate Starts for Cyan_33:

(37, 24494), (Start: 149 @24752 has 59 MA's), (233, 24911),

Gene: Czyszczone1_38 Start: 32880, Stop: 33125, Start Num: 171

Candidate Starts for Czyszczone1_38:

(Start: 171 @32880 has 120 MA's), (197, 32937), (208, 32970), (211, 32976), (230, 33030), (234, 33042),

Gene: D29_56 Start: 38269, Stop: 37997, Start Num: 136

Candidate Starts for D29_56:

(Start: 136 @38269 has 125 MA's), (Start: 170 @38260 has 180 MA's), (207, 38167), (234, 38089), (268, 38035),

Gene: D32_59 Start: 38269, Stop: 37997, Start Num: 136

Candidate Starts for D32_59:

(Start: 136 @38269 has 125 MA's), (Start: 170 @38260 has 180 MA's), (207, 38167), (234, 38089), (268, 38035),

Gene: DBQu4n_60 Start: 38250, Stop: 37978, Start Num: 136

Candidate Starts for DBQu4n_60:

(Start: 136 @38250 has 125 MA's), (Start: 170 @38241 has 180 MA's), (207, 38148), (234, 38070), (268, 38016),

Gene: DD5_60 Start: 41693, Stop: 41418, Start Num: 124

Candidate Starts for DD5_60:

(Start: 124 @41693 has 109 MA's), (Start: 129 @41681 has 4 MA's), (Start: 176 @41651 has 7 MA's), (198, 41600), (202, 41585), (211, 41564), (219, 41537), (220, 41534), (232, 41504), (273, 41429),

Gene: DHan_32 Start: 28380, Stop: 28601, Start Num: 191

Candidate Starts for DHan_32:

(Start: 168 @28335 has 64 MA's), (Start: 191 @28380 has 6 MA's), (210, 28431), (217, 28449), (273, 28569), (283, 28590),

Gene: DS6A_74 Start: 48826, Stop: 49065, Start Num: 170

Candidate Starts for DS6A_74:

(59, 48631), (Start: 170 @48826 has 180 MA's), (Start: 191 @48868 has 6 MA's), (202, 48901), (233, 48985),

Gene: Daddyjeff_51 Start: 34278, Stop: 34511, Start Num: 156

Candidate Starts for Daddyjeff_51:

(156, 34278), (220, 34413),

Gene: Dadosky_62 Start: 41083, Stop: 41331, Start Num: 170

Candidate Starts for Dadosky_62:

(Start: 170 @41083 has 180 MA's), (202, 41158), (229, 41230),

Gene: Daikon_36 Start: 32873, Stop: 33118, Start Num: 171

Candidate Starts for Daikon_36:

(Start: 171 @32873 has 120 MA's), (197, 32930), (208, 32963), (211, 32969), (228, 33017), (230, 33023), (234, 33035),

Gene: Dallas_54 Start: 43667, Stop: 43912, Start Num: 169

Candidate Starts for Dallas_54:

(Start: 169 @43667 has 31 MA's), (198, 43730), (208, 43760), (210, 43763), (233, 43823), (234, 43826), (236, 43829),

Gene: Dalmatian_59 Start: 38649, Stop: 38377, Start Num: 136

Candidate Starts for Dalmatian_59:

(Start: 136 @38649 has 125 MA's), (Start: 170 @38640 has 180 MA's), (Start: 178 @38628 has 1 MA's), (180, 38622), (224, 38499), (234, 38469),

Gene: Dalmuri_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Dalmuri_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: DanBing_31 Start: 28284, Stop: 28505, Start Num: 191

Candidate Starts for DanBing_31:

(Start: 168 @28239 has 64 MA's), (Start: 191 @28284 has 6 MA's), (210, 28335), (273, 28473), (283, 28494),

Gene: Dardanus_57 Start: 37159, Stop: 37398, Start Num: 170

Candidate Starts for Dardanus_57:

(93, 37051), (Start: 170 @37159 has 180 MA's), (192, 37201), (211, 37252), (212, 37255), (230, 37306), (233, 37315), (248, 37336),

Gene: Daredevil_75 Start: 52964, Stop: 52707, Start Num: 151

Candidate Starts for Daredevil_75:

(118, 53015), (126, 53000), (130, 52991), (Start: 133 @52988 has 1 MA's), (Start: 151 @52964 has 16 MA's), (233, 52793),

Gene: Darrell_60 Start: 38922, Stop: 38650, Start Num: 136

Candidate Starts for Darrell_60:

(Start: 136 @38922 has 125 MA's), (Start: 170 @38913 has 180 MA's), (194, 38856), (207, 38820), (224, 38772), (245, 38730),

Gene: DarthP_66 Start: 43967, Stop: 44206, Start Num: 170

Candidate Starts for DarthP_66:

(Start: 170 @43967 has 180 MA's), (209, 44057), (229, 44117),

Gene: DarthPhader_54 Start: 39183, Stop: 38911, Start Num: 136

Candidate Starts for DarthPhader_54:

(Start: 136 @39183 has 125 MA's), (Start: 170 @39174 has 180 MA's), (207, 39081), (224, 39033), (232, 39009), (234, 39003),

Gene: Dartin_69 Start: 44123, Stop: 44362, Start Num: 170

Candidate Starts for Dartin_69:

(Start: 170 @44123 has 180 MA's), (209, 44213), (220, 44249), (228, 44267), (262, 44330),

Gene: Dashyla_9 Start: 6362, Stop: 6042, Start Num: 100

Candidate Starts for Dashyla_9:

(61, 6452), (Start: 100 @6362 has 22 MA's), (135, 6311), (Start: 170 @6296 has 180 MA's), (Start: 191 @6248 has 6 MA's), (252, 6107),

Gene: DatBoi_82 Start: 57093, Stop: 56827, Start Num: 151

Candidate Starts for DatBoi_82:

(Start: 129 @57123 has 4 MA's), (Start: 132 @57120 has 10 MA's), (Start: 151 @57093 has 16 MA's),

Gene: Deby_67 Start: 44105, Stop: 44347, Start Num: 170

Candidate Starts for Deby_67:

(Start: 170 @44105 has 180 MA's), (209, 44195), (253, 44291), (262, 44315),

Gene: DejaVu_31 Start: 9377, Stop: 9625, Start Num: 174

Candidate Starts for DejaVu_31:

(Start: 142 @9338 has 1 MA's), (Start: 174 @9377 has 82 MA's), (192, 9422), (205, 9458), (278, 9605),

Gene: DekHockey33_65 Start: 37959, Stop: 37690, Start Num: 163

Candidate Starts for DekHockey33_65:

(14, 38403), (25, 38301), (Start: 163 @37959 has 20 MA's), (234, 37782),

Gene: Devera_74 Start: 45458, Stop: 45700, Start Num: 170

Candidate Starts for Devera_74:

(Start: 170 @45458 has 180 MA's), (209, 45548), (253, 45644), (262, 45668),

Gene: Dexes_62 Start: 41896, Stop: 41630, Start Num: 124

Candidate Starts for Dexes_62:

(Start: 123 @41899 has 30 MA's), (Start: 124 @41896 has 109 MA's), (Start: 129 @41884 has 4 MA's), (Start: 176 @41863 has 7 MA's), (198, 41812), (202, 41797), (211, 41776), (220, 41746), (232, 41716), (273, 41641),

Gene: DickRichards_35 Start: 25717, Stop: 25947, Start Num: 174

Candidate Starts for DickRichards_35:

(Start: 174 @25717 has 82 MA's),

Gene: Didgeridoo_38 Start: 25851, Stop: 26093, Start Num: 174

Candidate Starts for Didgeridoo_38:

(Start: 174 @25851 has 82 MA's), (231, 25992),

Gene: Dignity_60 Start: 38849, Stop: 38577, Start Num: 136

Candidate Starts for Dignity_60:

(Start: 136 @38849 has 125 MA's), (Start: 170 @38840 has 180 MA's), (Start: 178 @38828 has 1 MA's), (180, 38822), (224, 38699),

Gene: Diminimus_40 Start: 32761, Stop: 33039, Start Num: 152

Candidate Starts for Diminimus_40:

(89, 32650), (Start: 152 @32761 has 11 MA's), (Start: 166 @32779 has 24 MA's), (198, 32842), (229, 32929), (232, 32938), (236, 32947),

Gene: DinoDaryn_63 Start: 39006, Stop: 39230, Start Num: 170

Candidate Starts for DinoDaryn_63:

(Start: 170 @39006 has 180 MA's), (192, 39048), (209, 39093), (212, 39102), (230, 39153), (233, 39162), (248, 39183),

Gene: DirkDirk_30 Start: 27718, Stop: 27942, Start Num: 191

Candidate Starts for DirkDirk_30:

(Start: 168 @27673 has 64 MA's), (Start: 191 @27718 has 6 MA's), (232, 27826),

Gene: DirtyBubble_36 Start: 26244, Stop: 26477, Start Num: 174

Candidate Starts for DirtyBubble_36:

(94, 26115), (95, 26118), (103, 26136), (109, 26148), (111, 26151), (117, 26160), (Start: 166 @26235 has 24 MA's), (Start: 174 @26244 has 82 MA's), (240, 26394),

Gene: DismalFunk_69 Start: 46092, Stop: 46337, Start Num: 170

Candidate Starts for DismalFunk_69:

(112, 46035), (116, 46041), (Start: 170 @46092 has 180 MA's), (209, 46182), (220, 46218), (233, 46251),

Gene: DismalStressor_69 Start: 46092, Stop: 46337, Start Num: 170

Candidate Starts for DismalStressor_69:

(112, 46035), (116, 46041), (Start: 170 @46092 has 180 MA's), (209, 46182), (220, 46218), (233, 46251),

Gene: Dismas_34 Start: 25989, Stop: 26219, Start Num: 174

Candidate Starts for Dismas_34:

(21, 25569), (29, 25632), (30, 25650), (31, 25671), (34, 25680), (39, 25704), (45, 25722), (48, 25728), (55, 25755), (56, 25758), (62, 25779), (72, 25809), (78, 25821), (84, 25836), (90, 25851), (94, 25860), (98, 25869), (Start: 100 @25875 has 22 MA's), (105, 25884), (111, 25896), (115, 25902), (Start: 166 @25980 has 24 MA's), (Start: 174 @25989 has 82 MA's), (202, 26061), (208, 26076), (231, 26130),

(268, 26181), (285, 26211),

Gene: DmpstrDiver_53 Start: 43660, Stop: 43905, Start Num: 169

Candidate Starts for DmpstrDiver_53:

(Start: 169 @43660 has 31 MA's), (198, 43723), (208, 43753), (210, 43756), (233, 43816), (234, 43819), (236, 43822),

Gene: DoctorDiddles_37 Start: 32297, Stop: 32542, Start Num: 171

Candidate Starts for DoctorDiddles_37:

(Start: 171 @32297 has 120 MA's), (197, 32354), (208, 32387), (211, 32393), (228, 32441), (230, 32447), (234, 32459),

Gene: Dole_72 Start: 45461, Stop: 45703, Start Num: 170

Candidate Starts for Dole_72:

(Start: 170 @45461 has 180 MA's), (209, 45551), (253, 45647), (262, 45671),

Gene: Donkey_31 Start: 22496, Stop: 22762, Start Num: 151

Candidate Starts for Donkey_31:

(Start: 151 @22496 has 16 MA's), (Start: 158 @22505 has 3 MA's), (Start: 170 @22511 has 180 MA's), (200, 22574),

Gene: Doobus_35 Start: 25098, Stop: 25328, Start Num: 174

Candidate Starts for Doobus_35:

(Start: 174 @25098 has 82 MA's),

Gene: Doom_60 Start: 41667, Stop: 41392, Start Num: 124

Candidate Starts for Doom_60:

(Start: 123 @41670 has 30 MA's), (Start: 124 @41667 has 109 MA's), (Start: 129 @41655 has 4 MA's), (Start: 176 @41625 has 7 MA's), (198, 41574), (202, 41559), (211, 41538), (220, 41508), (232, 41478),

Gene: Douge_30 Start: 27474, Stop: 27737, Start Num: 168

Candidate Starts for Douge_30:

(Start: 168 @27474 has 64 MA's), (Start: 191 @27519 has 6 MA's), (208, 27567), (234, 27633),

Gene: Douzhi_30 Start: 27624, Stop: 27842, Start Num: 191

Candidate Starts for Douzhi_30:

(Start: 168 @27579 has 64 MA's), (Start: 191 @27624 has 6 MA's), (234, 27738),

Gene: Dove_49 Start: 43194, Stop: 43442, Start Num: 169

Candidate Starts for Dove_49:

(Start: 169 @43194 has 31 MA's), (188, 43233), (208, 43287), (210, 43290), (232, 43347), (256, 43383), (273, 43431),

Gene: DrDrey_38 Start: 33627, Stop: 33872, Start Num: 171

Candidate Starts for DrDrey_38:

(Start: 171 @33627 has 120 MA's), (197, 33684), (208, 33717), (211, 33723), (230, 33777), (234, 33789),

Gene: DrFeelGood_58 Start: 40034, Stop: 39777, Start Num: 132

Candidate Starts for DrFeelGood_58:

(Start: 132 @40034 has 10 MA's), (148, 40016), (Start: 176 @40010 has 7 MA's), (198, 39959), (202, 39944), (211, 39923), (220, 39893), (232, 39863),

Gene: DrHayes_67 Start: 44362, Stop: 44604, Start Num: 170
Candidate Starts for DrHayes_67:
(Start: 170 @44362 has 180 MA's), (209, 44452), (253, 44548), (262, 44572),

Gene: DrManhattan_32 Start: 23095, Stop: 23340, Start Num: 164
Candidate Starts for DrManhattan_32:
(23, 22726), (37, 22840), (50, 22876), (Start: 164 @23095 has 8 MA's),

Gene: DrSeegs_32 Start: 28422, Stop: 28688, Start Num: 168
Candidate Starts for DrSeegs_32:
(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: DrSierra_32 Start: 23583, Stop: 23849, Start Num: 149
Candidate Starts for DrSierra_32:
(37, 23325), (50, 23361), (99, 23499), (Start: 149 @23583 has 59 MA's), (233, 23766),

Gene: DreamTeam1_56 Start: 37922, Stop: 37650, Start Num: 136
Candidate Starts for DreamTeam1_56:
(Start: 136 @37922 has 125 MA's), (194, 37856), (207, 37820), (230, 37754), (234, 37742), (240, 37733),

Gene: Dreamboat_63 Start: 40328, Stop: 40062, Start Num: 124
Candidate Starts for Dreamboat_63:
(Start: 124 @40328 has 109 MA's), (Start: 129 @40316 has 4 MA's), (148, 40301), (Start: 176 @40295 has 7 MA's), (198, 40244), (202, 40229), (211, 40208), (220, 40178), (232, 40148), (273, 40073),

Gene: DudeLittle_57 Start: 38415, Stop: 38143, Start Num: 136
Candidate Starts for DudeLittle_57:
(Start: 136 @38415 has 125 MA's), (Start: 170 @38406 has 180 MA's), (Start: 178 @38394 has 1 MA's), (180, 38388), (224, 38265), (234, 38235),

Gene: Duke13_55 Start: 43999, Stop: 44247, Start Num: 169
Candidate Starts for Duke13_55:
(Start: 169 @43999 has 31 MA's), (223, 44131),

Gene: Dulcie_62 Start: 42668, Stop: 42411, Start Num: 132
Candidate Starts for Dulcie_62:
(Start: 132 @42668 has 10 MA's), (148, 42650), (Start: 176 @42644 has 7 MA's), (198, 42593), (202, 42578), (211, 42557), (220, 42527), (232, 42497),

Gene: Dulcita_40 Start: 32761, Stop: 33039, Start Num: 152
Candidate Starts for Dulcita_40:
(89, 32650), (Start: 152 @32761 has 11 MA's), (Start: 166 @32779 has 24 MA's), (198, 32842), (229, 32929), (232, 32938), (236, 32947),

Gene: Dumbo_37 Start: 32602, Stop: 32847, Start Num: 171
Candidate Starts for Dumbo_37:
(Start: 171 @32602 has 120 MA's), (197, 32659), (208, 32692), (211, 32698), (230, 32752), (234, 32764),

Gene: DumpQuist_9 Start: 6359, Stop: 6036, Start Num: 100

Candidate Starts for DumpQuist_9:

(Start: 100 @6359 has 22 MA's), (135, 6308), (184, 6263), (Start: 191 @6245 has 6 MA's), (228, 6140), (260, 6089),

Gene: DuncansLeg_31 Start: 28758, Stop: 29024, Start Num: 168

Candidate Starts for DuncansLeg_31:

(Start: 168 @28758 has 64 MA's), (Start: 179 @28770 has 9 MA's), (Start: 191 @28803 has 6 MA's), (208, 28851),

Gene: DunneganBoMo_101 Start: 82929, Stop: 83189, Start Num: 167

Candidate Starts for DunneganBoMo_101:

(Start: 167 @82929 has 15 MA's), (251, 83118), (262, 83148), (265, 83151),

Gene: Duplicity_50 Start: 34914, Stop: 35162, Start Num: 149

Candidate Starts for Duplicity_50:

(18, 34500), (51, 34707), (62, 34740), (Start: 100 @34836 has 22 MA's), (Start: 149 @34914 has 59 MA's), (Start: 173 @34926 has 5 MA's), (Start: 176 @34932 has 7 MA's), (209, 35010), (232, 35076), (233, 35079),

Gene: Duplo_60 Start: 38306, Stop: 38034, Start Num: 136

Candidate Starts for Duplo_60:

(Start: 136 @38306 has 125 MA's), (Start: 170 @38297 has 180 MA's), (207, 38204), (234, 38126), (268, 38072),

Gene: Durfee_66 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for Durfee_66:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: Dusk_36 Start: 32787, Stop: 33032, Start Num: 171

Candidate Starts for Dusk_36:

(Start: 171 @32787 has 120 MA's), (197, 32844), (208, 32877), (211, 32883), (228, 32931), (230, 32937), (234, 32949),

Gene: Dussy_62 Start: 41689, Stop: 41423, Start Num: 124

Candidate Starts for Dussy_62:

(Start: 123 @41692 has 30 MA's), (Start: 124 @41689 has 109 MA's), (Start: 129 @41677 has 4 MA's), (Start: 176 @41656 has 7 MA's), (198, 41605), (202, 41590), (211, 41569), (220, 41539), (232, 41509),

Gene: DustyDino_38 Start: 10938, Stop: 11192, Start Num: 174

Candidate Starts for DustyDino_38:

(157, 10923), (Start: 174 @10938 has 82 MA's), (192, 10983), (211, 11034), (217, 11052), (227, 11070),

Gene: Dynamix_64 Start: 40678, Stop: 40409, Start Num: 123

Candidate Starts for Dynamix_64:

(Start: 123 @40678 has 30 MA's), (Start: 124 @40675 has 109 MA's), (Start: 129 @40663 has 4 MA's), (Start: 176 @40642 has 7 MA's), (202, 40576), (211, 40555), (220, 40525), (232, 40495), (273, 40420),

Gene: DyoEdafos_31 Start: 27675, Stop: 27938, Start Num: 168

Candidate Starts for DyoEdafos_31:

(Start: 168 @27675 has 64 MA's), (Start: 191 @27720 has 6 MA's), (234, 27834),

Gene: EagleEye_60 Start: 38143, Stop: 37871, Start Num: 136

Candidate Starts for EagleEye_60:

(97, 38212), (Start: 136 @38143 has 125 MA's), (Start: 164 @38140 has 8 MA's), (Start: 170 @38134 has 180 MA's), (207, 38041), (222, 37999), (224, 37993), (234, 37963),

Gene: Easy2Say_39 Start: 34385, Stop: 34630, Start Num: 171

Candidate Starts for Easy2Say_39:

(Start: 171 @34385 has 120 MA's), (197, 34442), (208, 34475), (211, 34481), (230, 34535), (234, 34547),

Gene: Ebony_57 Start: 37357, Stop: 37085, Start Num: 136

Candidate Starts for Ebony_57:

(Start: 136 @37357 has 125 MA's), (Start: 170 @37348 has 180 MA's), (234, 37177),

Gene: Echild_58 Start: 37724, Stop: 37452, Start Num: 136

Candidate Starts for Echild_58:

(Start: 136 @37724 has 125 MA's), (Start: 170 @37715 has 180 MA's), (Start: 178 @37703 has 1 MA's), (180, 37697), (224, 37574),

Gene: Eden_34 Start: 24202, Stop: 24432, Start Num: 174

Candidate Starts for Eden_34:

(148, 24169), (Start: 174 @24202 has 82 MA's), (231, 24343), (233, 24349), (252, 24364), (268, 24394), (285, 24424),

Gene: EdogawaKiddo_56 Start: 38208, Stop: 38002, Start Num: 194

Candidate Starts for EdogawaKiddo_56:

(Start: 136 @38274 has 125 MA's), (Start: 170 @38265 has 180 MA's), (194, 38208), (207, 38172), (221, 38133), (230, 38106), (234, 38094),

Gene: Edtherson_61 Start: 41661, Stop: 41386, Start Num: 124

Candidate Starts for Edtherson_61:

(Start: 123 @41664 has 30 MA's), (Start: 124 @41661 has 109 MA's), (Start: 129 @41649 has 4 MA's), (Start: 176 @41619 has 7 MA's), (198, 41568), (202, 41553), (211, 41532), (220, 41502), (232, 41472),

Gene: Edugator_59 Start: 42504, Stop: 42752, Start Num: 170

Candidate Starts for Edugator_59:

(Start: 170 @42504 has 180 MA's), (202, 42579), (229, 42651),

Gene: Eevee_53 Start: 37090, Stop: 37338, Start Num: 155

Candidate Starts for Eevee_53:

(155, 37090), (209, 37189), (211, 37195), (232, 37249), (233, 37252), (236, 37258), (275, 37327),

Gene: Efra2_72 Start: 44206, Stop: 44448, Start Num: 170

Candidate Starts for Efra2_72:

(Start: 108 @44128 has 4 MA's), (Start: 170 @44206 has 180 MA's), (209, 44296), (253, 44392),

Gene: Eidsmoe_58 Start: 38289, Stop: 38017, Start Num: 136

Candidate Starts for Eidsmoe_58:

(Start: 136 @38289 has 125 MA's), (Start: 170 @38280 has 180 MA's), (194, 38223), (207, 38187), (221, 38148), (230, 38121), (234, 38109),

Gene: Ejimix_52 Start: 44918, Stop: 45163, Start Num: 169

Candidate Starts for Ejimix_52:

(Start: 169 @44918 has 31 MA's), (198, 44981), (208, 45011), (210, 45014), (233, 45074), (234, 45077), (236, 45080),

Gene: Ekdilam_63 Start: 44192, Stop: 44431, Start Num: 170

Candidate Starts for Ekdilam_63:

(Start: 170 @44192 has 180 MA's), (Start: 176 @44201 has 7 MA's), (209, 44282),

Gene: Elephantoon_57 Start: 37664, Stop: 37392, Start Num: 136

Candidate Starts for Elephantoon_57:

(Start: 136 @37664 has 125 MA's), (Start: 170 @37655 has 180 MA's), (194, 37598), (207, 37562), (221, 37523), (230, 37496), (234, 37484),

Gene: Elezi_34 Start: 26623, Stop: 26880, Start Num: 164

Candidate Starts for Elezi_34:

(37, 26386), (40, 26395), (Start: 164 @26623 has 8 MA's), (192, 26671), (236, 26788),

Gene: Elite2014_36 Start: 32342, Stop: 32587, Start Num: 171

Candidate Starts for Elite2014_36:

(Start: 171 @32342 has 120 MA's), (197, 32399), (208, 32432), (211, 32438), (230, 32492), (234, 32504),

Gene: Ellie_62 Start: 43425, Stop: 43667, Start Num: 170

Candidate Starts for Ellie_62:

(112, 43356), (Start: 170 @43425 has 180 MA's), (Start: 176 @43434 has 7 MA's), (198, 43485), (209, 43515), (253, 43611), (262, 43635),

Gene: Ellson_31 Start: 28745, Stop: 29011, Start Num: 168

Candidate Starts for Ellson_31:

(Start: 168 @28745 has 64 MA's), (Start: 179 @28757 has 9 MA's), (Start: 191 @28790 has 6 MA's), (208, 28838),

Gene: Elph10_38 Start: 32605, Stop: 32850, Start Num: 171

Candidate Starts for Elph10_38:

(Start: 171 @32605 has 120 MA's), (197, 32662), (208, 32695), (211, 32701), (230, 32755), (234, 32767),

Gene: Elva_38 Start: 26309, Stop: 26539, Start Num: 174

Candidate Starts for Elva_38:

(92, 26177), (94, 26180), (Start: 100 @26195 has 22 MA's), (107, 26210), (109, 26213), (117, 26225), (Start: 166 @26300 has 24 MA's), (Start: 174 @26309 has 82 MA's),

Gene: Emerson_68 Start: 43939, Stop: 44181, Start Num: 170

Candidate Starts for Emerson_68:

(Start: 170 @43939 has 180 MA's), (209, 44029), (253, 44125), (262, 44149),

Gene: Emmina_38 Start: 32963, Stop: 33208, Start Num: 171

Candidate Starts for Emmina_38:

(Start: 171 @32963 has 120 MA's), (197, 33020), (208, 33053), (211, 33059), (230, 33113), (234, 33125),

Gene: Emotion_38 Start: 26311, Stop: 26598, Start Num: 151
Candidate Starts for Emotion_38:
(120, 26266), (Start: 151 @26311 has 16 MA's),

Gene: EmyBug_57 Start: 38291, Stop: 38019, Start Num: 136
Candidate Starts for EmyBug_57:
(Start: 136 @38291 has 125 MA's), (Start: 170 @38282 has 180 MA's), (194, 38225), (207, 38189),
(221, 38150), (230, 38123), (234, 38111),

Gene: Enceladus_30 Start: 27674, Stop: 27943, Start Num: 168
Candidate Starts for Enceladus_30:
(Start: 168 @27674 has 64 MA's), (Start: 191 @27719 has 6 MA's), (232, 27827),

Gene: EniyanLRS_50 Start: 39059, Stop: 39307, Start Num: 167
Candidate Starts for EniyanLRS_50:
(Start: 167 @39059 has 15 MA's), (204, 39140), (220, 39188), (233, 39221), (234, 39224), (236,
39227), (256, 39260), (268, 39296),

Gene: Enkosi_57 Start: 43554, Stop: 43799, Start Num: 170
Candidate Starts for Enkosi_57:
(Start: 108 @43482 has 4 MA's), (Start: 170 @43554 has 180 MA's), (213, 43659), (229, 43701), (253,
43737),

Gene: Epsocamisio_61 Start: 37202, Stop: 36933, Start Num: 163
Candidate Starts for Epsocamisio_61:
(14, 37646), (17, 37622), (25, 37544), (Start: 163 @37202 has 20 MA's), (234, 37025),

Gene: Eraser_34 Start: 26614, Stop: 26871, Start Num: 164
Candidate Starts for Eraser_34:
(37, 26377), (40, 26386), (Start: 164 @26614 has 8 MA's), (192, 26662), (236, 26779),

Gene: Erenyeager_35 Start: 10332, Stop: 10586, Start Num: 174
Candidate Starts for Erenyeager_35:
(157, 10317), (Start: 174 @10332 has 82 MA's), (192, 10377), (211, 10428), (217, 10446), (227,
10464),

Gene: EricMillard_52 Start: 44419, Stop: 44664, Start Num: 169
Candidate Starts for EricMillard_52:
(Start: 169 @44419 has 31 MA's), (198, 44482), (208, 44512), (210, 44515), (233, 44575), (234,
44578), (236, 44581),

Gene: Estes_45 Start: 34058, Stop: 34309, Start Num: 166
Candidate Starts for Estes_45:
(Start: 166 @34058 has 24 MA's), (209, 34151), (227, 34202), (228, 34205), (268, 34274),

Gene: Et2Brutus_56 Start: 37320, Stop: 37048, Start Num: 136
Candidate Starts for Et2Brutus_56:
(Start: 136 @37320 has 125 MA's), (Start: 170 @37311 has 180 MA's), (234, 37140),

Gene: EugeneKrabs_9 Start: 6127, Stop: 5798, Start Num: 100
Candidate Starts for EugeneKrabs_9:
(Start: 100 @6127 has 22 MA's), (135, 6073), (203, 5974), (228, 5905), (237, 5881), (268, 5836),

Gene: Eula_37 Start: 25477, Stop: 25719, Start Num: 174

Candidate Starts for Eula_37:

(Start: 174 @25477 has 82 MA's), (285, 25711),

Gene: Euphoria_60 Start: 40818, Stop: 40552, Start Num: 124

Candidate Starts for Euphoria_60:

(Start: 123 @40821 has 30 MA's), (Start: 124 @40818 has 109 MA's), (Start: 129 @40806 has 4 MA's), (Start: 176 @40785 has 7 MA's), (198, 40734), (202, 40719), (220, 40668), (260, 40593), (273, 40563),

Gene: Eureka_38 Start: 33647, Stop: 33895, Start Num: 168

Candidate Starts for Eureka_38:

(Start: 123 @33578 has 30 MA's), (Start: 124 @33581 has 109 MA's), (140, 33608), (Start: 168 @33647 has 64 MA's), (197, 33707), (208, 33740), (211, 33746), (230, 33800), (234, 33812),

Gene: EvilGenius_60 Start: 40027, Stop: 39755, Start Num: 136

Candidate Starts for EvilGenius_60:

(Start: 136 @40027 has 125 MA's), (Start: 170 @40018 has 180 MA's), (Start: 178 @40006 has 1 MA's), (180, 40000), (224, 39877),

Gene: Exile_31 Start: 26521, Stop: 26784, Start Num: 174

Candidate Starts for Exile_31:

(Start: 174 @26521 has 82 MA's), (267, 26719), (282, 26752),

Gene: ExplosioNervosa_58 Start: 38348, Stop: 38085, Start Num: 170

Candidate Starts for ExplosioNervosa_58:

(Start: 136 @38357 has 125 MA's), (Start: 170 @38348 has 180 MA's), (194, 38291), (207, 38255), (221, 38216), (230, 38189), (234, 38177),

Gene: Eyeball_64 Start: 42166, Stop: 41900, Start Num: 124

Candidate Starts for Eyeball_64:

(Start: 123 @42169 has 30 MA's), (Start: 124 @42166 has 109 MA's), (Start: 129 @42154 has 4 MA's), (Start: 176 @42133 has 7 MA's), (198, 42082), (202, 42067), (211, 42046), (216, 42025), (220, 42016), (232, 41986), (273, 41911),

Gene: Faith1_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Faith1_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Fajezeel_63 Start: 40885, Stop: 40616, Start Num: 123

Candidate Starts for Fajezeel_63:

(Start: 123 @40885 has 30 MA's), (Start: 124 @40882 has 109 MA's), (Start: 129 @40870 has 4 MA's), (Start: 176 @40849 has 7 MA's), (198, 40798), (202, 40783), (211, 40762), (220, 40732), (232, 40702), (273, 40627),

Gene: Fameo_58 Start: 38774, Stop: 38502, Start Num: 136

Candidate Starts for Fameo_58:

(Start: 136 @38774 has 125 MA's), (Start: 170 @38765 has 180 MA's), (Start: 178 @38753 has 1 MA's), (180, 38747), (224, 38624), (234, 38594),

Gene: FarmResident_30 Start: 27563, Stop: 27781, Start Num: 191

Candidate Starts for FarmResident_30:

(Start: 168 @27518 has 64 MA's), (Start: 191 @27563 has 6 MA's), (208, 27611), (234, 27677),

Gene: Fascinus_56 Start: 40671, Stop: 40402, Start Num: 123

Candidate Starts for Fascinus_56:

(Start: 123 @40671 has 30 MA's), (Start: 124 @40668 has 109 MA's), (Start: 129 @40656 has 4 MA's), (Start: 176 @40635 has 7 MA's), (198, 40584), (202, 40569), (211, 40548), (220, 40518), (232, 40488),

Gene: Fayely_58 Start: 38258, Stop: 37986, Start Num: 136

Candidate Starts for Fayely_58:

(Start: 136 @38258 has 125 MA's), (Start: 170 @38249 has 180 MA's), (194, 38192), (207, 38156), (221, 38117), (230, 38090), (234, 38078),

Gene: Fede_9 Start: 6342, Stop: 6010, Start Num: 100

Candidate Starts for Fede_9:

(Start: 100 @6342 has 22 MA's), (Start: 127 @6303 has 1 MA's), (135, 6291), (Start: 173 @6273 has 5 MA's), (203, 6192), (252, 6087),

Gene: Fefferhead_64 Start: 43334, Stop: 43576, Start Num: 170

Candidate Starts for Fefferhead_64:

(112, 43265), (Start: 170 @43334 has 180 MA's), (Start: 176 @43343 has 7 MA's), (198, 43394), (209, 43424), (253, 43520),

Gene: Fenn_64 Start: 42653, Stop: 42378, Start Num: 124

Candidate Starts for Fenn_64:

(Start: 124 @42653 has 109 MA's), (Start: 129 @42641 has 4 MA's), (Start: 176 @42611 has 7 MA's), (198, 42560), (202, 42545), (211, 42524), (216, 42503), (220, 42494), (232, 42464), (273, 42389),

Gene: Feyre_63 Start: 44492, Stop: 44740, Start Num: 170

Candidate Starts for Feyre_63:

(Start: 170 @44492 has 180 MA's), (202, 44567), (229, 44639), (244, 44663),

Gene: Fibonacci_57 Start: 37326, Stop: 37054, Start Num: 136

Candidate Starts for Fibonacci_57:

(Start: 136 @37326 has 125 MA's), (Start: 170 @37317 has 180 MA's), (234, 37146),

Gene: Filch_38 Start: 32893, Stop: 33138, Start Num: 171

Candidate Starts for Filch_38:

(Start: 171 @32893 has 120 MA's), (197, 32950), (208, 32983), (211, 32989), (230, 33043), (234, 33055),

Gene: Finalfrontier_36 Start: 26101, Stop: 26331, Start Num: 174

Candidate Starts for Finalfrontier_36:

(Start: 174 @26101 has 82 MA's),

Gene: Findley_69 Start: 46086, Stop: 46331, Start Num: 170

Candidate Starts for Findley_69:

(Start: 108 @46023 has 4 MA's), (Start: 170 @46086 has 180 MA's), (209, 46176), (233, 46245),

Gene: Finemlucis_32 Start: 28698, Stop: 28964, Start Num: 168

Candidate Starts for Finemlucis_32:

(Start: 168 @28698 has 64 MA's), (Start: 191 @28743 has 6 MA's), (210, 28794), (236, 28860), (273, 28932), (283, 28953),

Gene: Finnry_31 Start: 28788, Stop: 29054, Start Num: 168

Candidate Starts for Finnry_31:

(Start: 168 @28788 has 64 MA's), (Start: 179 @28800 has 9 MA's), (Start: 191 @28833 has 6 MA's),

Gene: FireRed_37 Start: 33163, Stop: 33408, Start Num: 171

Candidate Starts for FireRed_37:

(Start: 171 @33163 has 120 MA's), (197, 33220), (208, 33253), (211, 33259), (230, 33313), (234, 33325),

Gene: FiringLine_58 Start: 38424, Stop: 38152, Start Num: 136

Candidate Starts for FiringLine_58:

(Start: 136 @38424 has 125 MA's), (Start: 170 @38415 has 180 MA's), (Start: 178 @38403 has 1 MA's), (180, 38397), (224, 38274),

Gene: FlameThrower_34 Start: 25814, Stop: 26044, Start Num: 174

Candidate Starts for FlameThrower_34:

(94, 25685), (98, 25694), (Start: 100 @25700 has 22 MA's), (105, 25709), (111, 25721), (115, 25727), (Start: 123 @25739 has 30 MA's), (Start: 166 @25805 has 24 MA's), (Start: 174 @25814 has 82 MA's), (208, 25901), (221, 25928), (231, 25955), (268, 26006), (285, 26036),

Gene: Flaverint_58 Start: 37784, Stop: 37512, Start Num: 136

Candidate Starts for Flaverint_58:

(Start: 136 @37784 has 125 MA's), (Start: 170 @37775 has 180 MA's), (234, 37604),

Gene: Floof_43 Start: 27647, Stop: 27949, Start Num: 145

Candidate Starts for Floof_43:

(Start: 145 @27647 has 5 MA's), (Start: 167 @27665 has 15 MA's), (202, 27767), (209, 27785), (219, 27818), (266, 27932),

Gene: Flypotenuse_35 Start: 32731, Stop: 32976, Start Num: 171

Candidate Starts for Flypotenuse_35:

(Start: 171 @32731 has 120 MA's), (197, 32788), (208, 32821), (211, 32827), (228, 32875), (230, 32881), (234, 32893),

Gene: Footloose_59 Start: 33811, Stop: 34044, Start Num: 178

Candidate Starts for Footloose_59:

(Start: 178 @33811 has 1 MA's), (182, 33826), (208, 33895), (222, 33931), (227, 33940), (244, 33967),

Gene: Fork_31 Start: 9648, Stop: 9902, Start Num: 174

Candidate Starts for Fork_31:

(157, 9633), (Start: 174 @9648 has 82 MA's), (192, 9693), (211, 9744), (217, 9762), (227, 9780),

Gene: Francis47_60 Start: 41735, Stop: 41460, Start Num: 124

Candidate Starts for Francis47_60:

(Start: 123 @41738 has 30 MA's), (Start: 124 @41735 has 109 MA's), (Start: 129 @41723 has 4 MA's), (Start: 176 @41693 has 7 MA's), (198, 41642), (202, 41627), (211, 41606), (220, 41576), (232, 41546),

Gene: Franklin22_35 Start: 24188, Stop: 24418, Start Num: 174

Candidate Starts for Franklin22_35:

(12, 23681), (13, 23687), (19, 23756), (24, 23801), (36, 23906), (52, 23963), (73, 24020), (110, 24095), (116, 24104), (119, 24107), (Start: 174 @24188 has 82 MA's), (202, 24260), (231, 24329), (268, 24380), (285, 24410),

Gene: Froghopper_60 Start: 40239, Stop: 39964, Start Num: 124

Candidate Starts for Froghopper_60:

(Start: 123 @40242 has 30 MA's), (Start: 124 @40239 has 109 MA's), (Start: 129 @40227 has 4 MA's), (Start: 176 @40197 has 7 MA's), (198, 40146), (202, 40131), (211, 40110), (220, 40080), (232, 40050), (273, 39975),

Gene: Fryberger_117 Start: 56141, Stop: 56380, Start Num: 177

Candidate Starts for Fryberger_117:

(Start: 177 @56141 has 6 MA's), (222, 56264), (257, 56336), (258, 56339),

Gene: Fulbright_49 Start: 33994, Stop: 34242, Start Num: 149

Candidate Starts for Fulbright_49:

(18, 33580), (51, 33787), (62, 33820), (Start: 100 @33916 has 22 MA's), (Start: 149 @33994 has 59 MA's), (Start: 173 @34006 has 5 MA's), (Start: 176 @34012 has 7 MA's), (209, 34090), (232, 34156), (233, 34159),

Gene: Fullmetal_9 Start: 6128, Stop: 5772, Start Num: 101

Candidate Starts for Fullmetal_9:

(Start: 101 @6128 has 19 MA's), (Start: 127 @6089 has 1 MA's), (137, 6074), (201, 5987), (203, 5978), (247, 5870), (254, 5861), (268, 5822),

Gene: Fushigi_58 Start: 39205, Stop: 38936, Start Num: 123

Candidate Starts for Fushigi_58:

(Start: 123 @39205 has 30 MA's), (Start: 124 @39202 has 109 MA's), (Start: 129 @39190 has 4 MA's), (Start: 176 @39169 has 7 MA's), (198, 39118), (202, 39103), (211, 39082), (220, 39052), (232, 39022),

Gene: GMA4_22 Start: 21398, Stop: 21685, Start Num: 157

Candidate Starts for GMA4_22:

(Start: 127 @21356 has 1 MA's), (157, 21398), (Start: 169 @21413 has 31 MA's), (186, 21449), (189, 21458), (222, 21545), (263, 21623), (273, 21647), (279, 21659), (284, 21674),

Gene: Gabriela_32 Start: 28684, Stop: 28950, Start Num: 168

Candidate Starts for Gabriela_32:

(Start: 168 @28684 has 64 MA's), (Start: 191 @28729 has 6 MA's), (210, 28780), (236, 28846), (273, 28918), (283, 28939),

Gene: Gack_33 Start: 23939, Stop: 24169, Start Num: 174

Candidate Starts for Gack_33:

(4, 23093), (8, 23219), (9, 23249), (19, 23507), (24, 23552), (36, 23657), (52, 23714), (73, 23771), (116, 23855), (119, 23858), (Start: 166 @23930 has 24 MA's), (Start: 174 @23939 has 82 MA's), (202, 24011), (221, 24053), (268, 24131),

Gene: Gage_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for Gage_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: GageAP_63 Start: 41646, Stop: 41380, Start Num: 124

Candidate Starts for GageAP_63:

(Start: 123 @41649 has 30 MA's), (Start: 124 @41646 has 109 MA's), (Start: 129 @41634 has 4 MA's), (Start: 176 @41613 has 7 MA's), (198, 41562), (202, 41547), (211, 41526), (220, 41496), (232, 41466), (273, 41391),

Gene: Gambol_31 Start: 22494, Stop: 22760, Start Num: 151

Candidate Starts for Gambol_31:

(Start: 151 @22494 has 16 MA's), (Start: 158 @22503 has 3 MA's), (Start: 170 @22509 has 180 MA's), (200, 22572),

Gene: Gandalf20_64 Start: 42393, Stop: 42118, Start Num: 124

Candidate Starts for Gandalf20_64:

(Start: 123 @42396 has 30 MA's), (Start: 124 @42393 has 109 MA's), (Start: 129 @42381 has 4 MA's), (Start: 176 @42351 has 7 MA's), (198, 42300), (202, 42285), (211, 42264), (220, 42234), (232, 42204),

Gene: Ganymede_66 Start: 43845, Stop: 44087, Start Num: 170

Candidate Starts for Ganymede_66:

(Start: 170 @43845 has 180 MA's), (209, 43935), (253, 44031), (262, 44055),

Gene: Gardann_32 Start: 28424, Stop: 28690, Start Num: 168

Candidate Starts for Gardann_32:

(Start: 168 @28424 has 64 MA's), (Start: 191 @28469 has 6 MA's), (210, 28520), (236, 28586), (273, 28658), (283, 28679),

Gene: GardenSalsa_44 Start: 33882, Stop: 34133, Start Num: 166

Candidate Starts for GardenSalsa_44:

(Start: 166 @33882 has 24 MA's), (227, 34026), (228, 34029), (233, 34044), (268, 34098),

Gene: GardenState_42 Start: 27075, Stop: 27341, Start Num: 151

Candidate Starts for GardenState_42:

(Start: 151 @27075 has 16 MA's),

Gene: Gator_35 Start: 32743, Stop: 32988, Start Num: 171

Candidate Starts for Gator_35:

(Start: 171 @32743 has 120 MA's), (197, 32800), (208, 32833), (211, 32839), (230, 32893), (234, 32905),

Gene: Gemini_40 Start: 33642, Stop: 33887, Start Num: 171

Candidate Starts for Gemini_40:

(Start: 171 @33642 has 120 MA's), (197, 33699), (208, 33732), (211, 33738), (230, 33792), (234, 33804),

Gene: GenevaB15_44 Start: 33930, Stop: 34181, Start Num: 166

Candidate Starts for GenevaB15_44:

(Start: 166 @33930 has 24 MA's), (209, 34023), (227, 34074), (228, 34077), (233, 34092), (268, 34146),

Gene: Gengar_60 Start: 42478, Stop: 42726, Start Num: 170

Candidate Starts for Gengar_60:

(Start: 170 @42478 has 180 MA's), (199, 42541),

Gene: Georgie2_59 Start: 38469, Stop: 38197, Start Num: 136

Candidate Starts for Georgie2_59:

(Start: 136 @38469 has 125 MA's), (Start: 170 @38460 has 180 MA's), (Start: 178 @38448 has 1 MA's), (180, 38442),

Gene: Geraldini_69 Start: 44501, Stop: 44743, Start Num: 170

Candidate Starts for Geraldini_69:

(Start: 170 @44501 has 180 MA's), (209, 44591), (253, 44687), (262, 44711),

Gene: Gex_50 Start: 34921, Stop: 35169, Start Num: 149

Candidate Starts for Gex_50:

(18, 34507), (51, 34714), (62, 34747), (Start: 100 @34843 has 22 MA's), (Start: 149 @34921 has 59 MA's), (Start: 173 @34933 has 5 MA's), (Start: 176 @34939 has 7 MA's), (209, 35017), (232, 35083), (233, 35086),

Gene: Gilberta_58 Start: 37777, Stop: 37505, Start Num: 136

Candidate Starts for Gilberta_58:

(Start: 136 @37777 has 125 MA's), (Start: 170 @37768 has 180 MA's), (234, 37597),

Gene: Glaske16_40 Start: 32761, Stop: 33039, Start Num: 152

Candidate Starts for Glaske16_40:

(89, 32650), (Start: 152 @32761 has 11 MA's), (Start: 166 @32779 has 24 MA's), (198, 32842), (229, 32929), (232, 32938), (236, 32947),

Gene: Glexan_35 Start: 32731, Stop: 32976, Start Num: 171

Candidate Starts for Glexan_35:

(Start: 171 @32731 has 120 MA's), (197, 32788), (208, 32821), (211, 32827), (228, 32875), (230, 32881), (234, 32893),

Gene: Goib_64 Start: 40122, Stop: 40346, Start Num: 170

Candidate Starts for Goib_64:

(Start: 170 @40122 has 180 MA's), (192, 40164), (209, 40209), (212, 40218), (230, 40269), (233, 40278),

Gene: Goku_38 Start: 33376, Stop: 33624, Start Num: 168

Candidate Starts for Goku_38:

(Start: 123 @33307 has 30 MA's), (Start: 124 @33310 has 109 MA's), (140, 33337), (Start: 168 @33376 has 64 MA's), (197, 33436), (208, 33469), (211, 33475), (230, 33529), (234, 33541),

Gene: GoldenSpark_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for GoldenSpark_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: Goldilocks_38 Start: 32545, Stop: 32790, Start Num: 171

Candidate Starts for Goldilocks_38:

(Start: 171 @32545 has 120 MA's), (197, 32602), (208, 32635), (211, 32641), (230, 32695), (234, 32707),

Gene: Gompeii16_61 Start: 42810, Stop: 42544, Start Num: 124

Candidate Starts for Gompeii16_61:

(Start: 123 @42813 has 30 MA's), (Start: 124 @42810 has 109 MA's), (Start: 129 @42798 has 4 MA's), (Start: 176 @42777 has 7 MA's), (198, 42726), (202, 42711), (211, 42690), (220, 42660), (232, 42630),

Gene: GooberAzure_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for GooberAzure_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: Graduation_66 Start: 42500, Stop: 42234, Start Num: 124

Candidate Starts for Graduation_66:

(Start: 123 @42503 has 30 MA's), (Start: 124 @42500 has 109 MA's), (Start: 129 @42488 has 4 MA's), (Start: 176 @42467 has 7 MA's), (198, 42416), (202, 42401), (211, 42380), (220, 42350), (232, 42320), (273, 42245),

Gene: GrecoEtereo_61 Start: 40288, Stop: 40022, Start Num: 124

Candidate Starts for GrecoEtereo_61:

(Start: 123 @40291 has 30 MA's), (Start: 124 @40288 has 109 MA's), (Start: 129 @40276 has 4 MA's), (Start: 176 @40255 has 7 MA's), (198, 40204), (202, 40189), (211, 40168), (220, 40138), (232, 40108),

Gene: Greely_81 Start: 31000, Stop: 31251, Start Num: 174

Candidate Starts for Greely_81:

(Start: 174 @31000 has 82 MA's), (192, 31045), (221, 31126),

Gene: Greg_63 Start: 40885, Stop: 40616, Start Num: 123

Candidate Starts for Greg_63:

(Start: 123 @40885 has 30 MA's), (Start: 124 @40882 has 109 MA's), (Start: 129 @40870 has 4 MA's), (Start: 176 @40849 has 7 MA's), (198, 40798), (202, 40783), (211, 40762), (220, 40732), (232, 40702), (273, 40627),

Gene: Gretchen_42 Start: 28431, Stop: 28688, Start Num: 151

Candidate Starts for Gretchen_42:

(Start: 151 @28431 has 16 MA's), (192, 28485), (236, 28611), (243, 28623), (248, 28635),

Gene: Gspu1_55 Start: 37586, Stop: 37813, Start Num: 170

Candidate Starts for Gspu1_55:

(Start: 170 @37586 has 180 MA's), (192, 37628), (208, 37670), (232, 37739), (242, 37748), (268, 37796),

Gene: Guanica15_71 Start: 43944, Stop: 44186, Start Num: 170

Candidate Starts for Guanica15_71:

(Start: 108 @43866 has 4 MA's), (Start: 170 @43944 has 180 MA's), (253, 44130),

Gene: Guey18_121 Start: 57464, Stop: 57703, Start Num: 177

Candidate Starts for Guey18_121:

(Start: 177 @57464 has 6 MA's), (222, 57587), (257, 57659), (258, 57662),

Gene: Guillsminger_61 Start: 42432, Stop: 42680, Start Num: 170

Candidate Starts for Guillsminger_61:

(Start: 170 @42432 has 180 MA's), (202, 42507), (229, 42579),

Gene: GuuelaD_32 Start: 28456, Stop: 28722, Start Num: 168

Candidate Starts for GuuelaD_32:

(Start: 168 @28456 has 64 MA's), (Start: 191 @28501 has 6 MA's), (210, 28552), (236, 28618), (273, 28690), (283, 28711),

Gene: Gwendoluna_65 Start: 43032, Stop: 42778, Start Num: 129

Candidate Starts for Gwendoluna_65:

(Start: 122 @43044 has 6 MA's), (Start: 129 @43032 has 4 MA's), (Start: 176 @43011 has 7 MA's), (198, 42960), (202, 42945), (211, 42924), (216, 42903), (220, 42894), (232, 42864),

Gene: Gyzlar_57 Start: 38964, Stop: 38710, Start Num: 129

Candidate Starts for Gyzlar_57:

(Start: 122 @38976 has 6 MA's), (Start: 129 @38964 has 4 MA's), (Start: 176 @38943 has 7 MA's), (198, 38892), (202, 38877), (211, 38856), (220, 38826), (232, 38796), (273, 38721),

Gene: Hafay_32 Start: 28500, Stop: 28721, Start Num: 191

Candidate Starts for Hafay_32:

(Start: 168 @28455 has 64 MA's), (Start: 191 @28500 has 6 MA's), (210, 28551), (236, 28617), (273, 28689), (283, 28710),

Gene: Halena_30 Start: 27701, Stop: 27970, Start Num: 168

Candidate Starts for Halena_30:

(Start: 168 @27701 has 64 MA's), (Start: 191 @27746 has 6 MA's), (232, 27854),

Gene: Halley_52 Start: 44132, Stop: 44377, Start Num: 169

Candidate Starts for Halley_52:

(Start: 169 @44132 has 31 MA's), (198, 44195), (208, 44225), (210, 44228), (233, 44288), (234, 44291), (236, 44294),

Gene: Halsey_39 Start: 22590, Stop: 22856, Start Num: 151

Candidate Starts for Halsey_39:

(Start: 151 @22590 has 16 MA's), (Start: 170 @22605 has 180 MA's), (200, 22668), (206, 22686), (247, 22788),

Gene: Hami1_57 Start: 36945, Stop: 36679, Start Num: 124

Candidate Starts for Hami1_57:

(Start: 123 @36948 has 30 MA's), (Start: 124 @36945 has 109 MA's), (Start: 129 @36933 has 4 MA's), (Start: 176 @36912 has 7 MA's), (198, 36861), (202, 36846), (211, 36825), (220, 36795), (232, 36765),

Gene: Hammy_66 Start: 43955, Stop: 44194, Start Num: 170

Candidate Starts for Hammy_66:

(Start: 170 @43955 has 180 MA's), (209, 44045), (229, 44105),

Gene: HanKaySha_38 Start: 32877, Stop: 33122, Start Num: 171

Candidate Starts for HanKaySha_38:

(Start: 171 @32877 has 120 MA's), (197, 32934), (208, 32967), (211, 32973), (230, 33027), (234, 33039),

Gene: Hanako_55 Start: 36173, Stop: 36421, Start Num: 149

Candidate Starts for Hanako_55:

(Start: 149 @36173 has 59 MA's), (Start: 173 @36185 has 5 MA's), (232, 36335), (233, 36338), (273, 36413),

Gene: Hannaconda_48 Start: 38620, Stop: 38868, Start Num: 169

Candidate Starts for Hannaconda_48:

(Start: 169 @38620 has 31 MA's), (223, 38752),

Gene: Hanray_56 Start: 38212, Stop: 38006, Start Num: 194

Candidate Starts for Hanray_56:

(Start: 136 @38278 has 125 MA's), (Start: 170 @38269 has 180 MA's), (194, 38212), (207, 38176), (221, 38137), (230, 38110), (234, 38098),

Gene: Harella_36 Start: 33247, Stop: 33492, Start Num: 171

Candidate Starts for Harella_36:

(Start: 171 @33247 has 120 MA's), (197, 33304), (208, 33337), (211, 33343), (228, 33391), (230, 33397), (234, 33409),

Gene: HedwigODU_66 Start: 43467, Stop: 43709, Start Num: 170

Candidate Starts for HedwigODU_66:

(Start: 170 @43467 has 180 MA's), (209, 43557), (253, 43653), (262, 43677),

Gene: Heffalump_57 Start: 39242, Stop: 38970, Start Num: 136

Candidate Starts for Heffalump_57:

(Start: 136 @39242 has 125 MA's), (Start: 170 @39233 has 180 MA's), (Start: 178 @39221 has 1 MA's), (180, 39215), (224, 39092), (234, 39062),

Gene: Heftyboy_61 Start: 42799, Stop: 43047, Start Num: 170

Candidate Starts for Heftyboy_61:

(Start: 170 @42799 has 180 MA's), (202, 42874), (229, 42946), (244, 42970),

Gene: Henry_38 Start: 33135, Stop: 33380, Start Num: 171

Candidate Starts for Henry_38:

(Start: 171 @33135 has 120 MA's), (197, 33192), (208, 33225), (211, 33231), (228, 33279), (230, 33285), (234, 33297),

Gene: Herbertwm_56 Start: 38206, Stop: 37934, Start Num: 136

Candidate Starts for Herbertwm_56:

(46, 38407), (Start: 136 @38206 has 125 MA's), (Start: 170 @38197 has 180 MA's), (Start: 178 @38185 has 1 MA's), (192, 38146), (193, 38143), (208, 38101), (211, 38095), (224, 38056), (234, 38026),

Gene: Hermia_60 Start: 40961, Stop: 40695, Start Num: 124

Candidate Starts for Hermia_60:

(Start: 123 @40964 has 30 MA's), (Start: 124 @40961 has 109 MA's), (Start: 129 @40949 has 4 MA's), (Start: 176 @40928 has 7 MA's), (198, 40877), (202, 40862), (211, 40841), (220, 40811), (232, 40781),

Gene: Highbury_38 Start: 32793, Stop: 33038, Start Num: 171

Candidate Starts for Highbury_38:

(Start: 171 @32793 has 120 MA's), (197, 32850), (208, 32883), (211, 32889), (230, 32943), (234, 32955),

Gene: HitchHiker_10 Start: 6310, Stop: 5987, Start Num: 100

Candidate Starts for HitchHiker_10:

(38, 6478), (44, 6460), (54, 6427), (Start: 100 @6310 has 22 MA's), (135, 6259), (Start: 170 @6244 has 180 MA's), (Start: 191 @6196 has 6 MA's), (229, 6088), (260, 6040), (268, 6022),

Gene: HokkenD_45 Start: 42401, Stop: 42646, Start Num: 169

Candidate Starts for HokkenD_45:

(Start: 169 @42401 has 31 MA's), (198, 42464), (208, 42494), (210, 42497), (233, 42557), (234, 42560), (236, 42563),

Gene: Holec_57 Start: 38228, Stop: 38022, Start Num: 194

Candidate Starts for Holec_57:

(Start: 136 @38294 has 125 MA's), (Start: 170 @38285 has 180 MA's), (194, 38228), (207, 38192), (221, 38153), (230, 38126), (234, 38114),

Gene: Holt_38 Start: 32412, Stop: 32657, Start Num: 171

Candidate Starts for Holt_38:

(Start: 171 @32412 has 120 MA's), (197, 32469), (208, 32502), (211, 32508), (228, 32556), (230, 32562), (234, 32574),

Gene: Homines_54 Start: 37291, Stop: 37025, Start Num: 124

Candidate Starts for Homines_54:

(Start: 123 @37294 has 30 MA's), (Start: 124 @37291 has 109 MA's), (Start: 129 @37279 has 4 MA's), (Start: 176 @37258 has 7 MA's), (198, 37207), (202, 37192), (211, 37171), (220, 37141), (232, 37111), (273, 37036),

Gene: Homura_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Homura_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Honk_39 Start: 24394, Stop: 24654, Start Num: 146

Candidate Starts for Honk_39:

(Start: 146 @24394 has 1 MA's), (185, 24433),

Gene: Hoonter_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for Hoonter_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: Hope4ever_63 Start: 41279, Stop: 41004, Start Num: 124

Candidate Starts for Hope4ever_63:

(Start: 123 @41282 has 30 MA's), (Start: 124 @41279 has 109 MA's), (Start: 129 @41267 has 4 MA's), (Start: 176 @41237 has 7 MA's), (198, 41186), (202, 41171), (211, 41150), (220, 41120), (232, 41090), (273, 41015),

Gene: Hokey_39 Start: 33412, Stop: 33657, Start Num: 171

Candidate Starts for Hokey_39:

(Start: 171 @33412 has 120 MA's), (197, 33469), (208, 33502), (211, 33508), (230, 33562), (234, 33574),

Gene: HortumSL17_58 Start: 38225, Stop: 37953, Start Num: 136

Candidate Starts for HortumSL17_58:

(Start: 136 @38225 has 125 MA's), (Start: 170 @38216 has 180 MA's), (194, 38159), (207, 38123), (221, 38084), (230, 38057), (234, 38045),

Gene: Hortus1_28 Start: 9181, Stop: 9435, Start Num: 174

Candidate Starts for Hortus1_28:

(138, 9133), (160, 9166), (Start: 174 @9181 has 82 MA's), (192, 9226), (205, 9262), (248, 9349),

Gene: Hubbs_30 Start: 9589, Stop: 9837, Start Num: 174

Candidate Starts for Hubbs_30:

(Start: 142 @9550 has 1 MA's), (Start: 174 @9589 has 82 MA's), (192, 9634), (205, 9670), (278, 9817),

Gene: HufflyPuff_36 Start: 33119, Stop: 33364, Start Num: 171

Candidate Starts for HufflyPuff_36:

(Start: 171 @33119 has 120 MA's), (197, 33176), (208, 33209), (211, 33215), (230, 33269), (234, 33281),

Gene: Huffly_63 Start: 39006, Stop: 39230, Start Num: 170

Candidate Starts for Huffly_63:

(Start: 170 @39006 has 180 MA's), (192, 39048), (209, 39093), (212, 39102), (230, 39153), (233, 39162), (248, 39183),

Gene: Hughesyang_50 Start: 44061, Stop: 44306, Start Num: 169

Candidate Starts for Hughesyang_50:

(Start: 169 @44061 has 31 MA's), (198, 44124), (208, 44154), (210, 44157), (233, 44217), (234, 44220), (236, 44223),

Gene: Hurricane_68 Start: 44101, Stop: 44340, Start Num: 170

Candidate Starts for Hurricane_68:

(Start: 170 @44101 has 180 MA's), (Start: 187 @44134 has 2 MA's), (209, 44188), (229, 44248), (233, 44260),

Gene: Hutc2_57 Start: 37326, Stop: 37054, Start Num: 136

Candidate Starts for Hutc2_57:

(Start: 136 @37326 has 125 MA's), (Start: 170 @37317 has 180 MA's), (234, 37146),

Gene: Hyperbowlee_66 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for Hyperbowlee_66:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: IAmGroot_42 Start: 27740, Stop: 28006, Start Num: 151

Candidate Starts for IAmGroot_42:

(Start: 151 @27740 has 16 MA's),

Gene: ILeeKay_64 Start: 41170, Stop: 40895, Start Num: 124

Candidate Starts for ILeeKay_64:

(Start: 123 @41173 has 30 MA's), (Start: 124 @41170 has 109 MA's), (Start: 129 @41158 has 4 MA's), (198, 41077), (202, 41062), (211, 41041), (220, 41011), (232, 40981),

Gene: IPhane7_39 Start: 32762, Stop: 33040, Start Num: 152

Candidate Starts for IPhane7_39:

(89, 32651), (Start: 152 @32762 has 11 MA's), (Start: 166 @32780 has 24 MA's), (198, 32843), (229, 32930), (232, 32939), (236, 32948),

Gene: Icarian_39 Start: 26879, Stop: 27112, Start Num: 174

Candidate Starts for Icarian_39:

(94, 26750), (95, 26753), (103, 26771), (109, 26783), (111, 26786), (117, 26795), (Start: 166 @26870 has 24 MA's), (Start: 174 @26879 has 82 MA's), (192, 26921),

Gene: Icee_36 Start: 32793, Stop: 33038, Start Num: 171

Candidate Starts for Icee_36:

(Start: 171 @32793 has 120 MA's), (197, 32850), (208, 32883), (211, 32889), (230, 32943), (234, 32955),

Gene: Ichabod_66 Start: 42392, Stop: 42126, Start Num: 124

Candidate Starts for Ichabod_66:

(Start: 123 @42395 has 30 MA's), (Start: 124 @42392 has 109 MA's), (Start: 129 @42380 has 4 MA's), (Start: 176 @42359 has 7 MA's), (198, 42308), (202, 42293), (211, 42272), (220, 42242), (232, 42212), (273, 42137),

Gene: Illumine_72 Start: 45460, Stop: 45702, Start Num: 170

Candidate Starts for Illumine_72:

(Start: 170 @45460 has 180 MA's), (209, 45550), (253, 45646), (262, 45670),

Gene: Inca_36 Start: 31814, Stop: 32059, Start Num: 171

Candidate Starts for Inca_36:

(Start: 171 @31814 has 120 MA's), (197, 31871), (208, 31904), (211, 31910), (230, 31964), (234, 31976),

Gene: Indlulamithi_37 Start: 32452, Stop: 32694, Start Num: 171

Candidate Starts for Indlulamithi_37:

(Start: 171 @32452 has 120 MA's), (194, 32506), (235, 32593), (277, 32677), (279, 32680),

Gene: IndyLu_35 Start: 25415, Stop: 25645, Start Num: 174

Candidate Starts for IndyLu_35:

(92, 25286), (94, 25289), (Start: 101 @25307 has 19 MA's), (107, 25319), (109, 25322), (117, 25331), (Start: 166 @25406 has 24 MA's), (Start: 174 @25415 has 82 MA's), (231, 25556),

Gene: Inky_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Inky_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Insomnia_58 Start: 37837, Stop: 37565, Start Num: 136

Candidate Starts for Insomnia_58:

(Start: 136 @37837 has 125 MA's), (Start: 170 @37828 has 180 MA's), (234, 37657),

Gene: InvictusManeo_58 Start: 40773, Stop: 41021, Start Num: 170

Candidate Starts for InvictusManeo_58:

(Start: 170 @40773 has 180 MA's), (221, 40905), (233, 40935), (258, 40968),

Gene: Inyanga_57 Start: 41026, Stop: 40760, Start Num: 124

Candidate Starts for Inyanga_57:

(Start: 123 @41029 has 30 MA's), (Start: 124 @41026 has 109 MA's), (Start: 129 @41014 has 4 MA's), (Start: 176 @40993 has 7 MA's), (198, 40942), (202, 40927), (211, 40906), (220, 40876), (232, 40846), (273, 40771),

Gene: Iter_34 Start: 24797, Stop: 25063, Start Num: 149

Candidate Starts for Iter_34:

(Start: 149 @24797 has 59 MA's), (233, 24980),

Gene: Itos_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Itos_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: IttyBittyPiggy_33 Start: 24853, Stop: 25107, Start Num: 145

Candidate Starts for IttyBittyPiggy_33:

(37, 24598), (50, 24634), (Start: 145 @24853 has 5 MA's),

Gene: JAWS_67 Start: 43898, Stop: 44140, Start Num: 170

Candidate Starts for JAWS_67:

(Start: 170 @43898 has 180 MA's), (209, 43988), (253, 44084), (262, 44108),

Gene: JC27_65 Start: 41732, Stop: 41466, Start Num: 124

Candidate Starts for JC27_65:

(Start: 124 @41732 has 109 MA's), (Start: 129 @41720 has 4 MA's), (148, 41705), (Start: 176 @41699 has 7 MA's), (198, 41648), (202, 41633), (211, 41612), (220, 41582), (232, 41552),

Gene: JSwag_63 Start: 37391, Stop: 37122, Start Num: 163

Candidate Starts for JSwag_63:

(14, 37835), (17, 37811), (25, 37733), (Start: 163 @37391 has 20 MA's), (234, 37214),

Gene: Jabith_58 Start: 37838, Stop: 37566, Start Num: 136

Candidate Starts for Jabith_58:

(Start: 136 @37838 has 125 MA's), (Start: 170 @37829 has 180 MA's), (234, 37658),

Gene: Jacko_31 Start: 9673, Stop: 9921, Start Num: 174

Candidate Starts for Jacko_31:

(Start: 174 @9673 has 82 MA's), (180, 9685), (192, 9718), (257, 9853),

Gene: Jamie19_49 Start: 34464, Stop: 34712, Start Num: 149

Candidate Starts for Jamie19_49:

(Start: 149 @34464 has 59 MA's), (Start: 173 @34476 has 5 MA's), (232, 34626), (233, 34629), (273, 34704),

Gene: Janeemi_35 Start: 26823, Stop: 27089, Start Num: 149

Candidate Starts for Janeemi_35:

(Start: 149 @26823 has 59 MA's),

Gene: Jarvi_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Jarvi_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: JasmineDragon_39 Start: 26463, Stop: 26750, Start Num: 153

Candidate Starts for JasmineDragon_39:

(Start: 153 @26463 has 1 MA's), (234, 26655),

Gene: Jasper_62 Start: 40214, Stop: 39948, Start Num: 124

Candidate Starts for Jasper_62:

(Start: 124 @40214 has 109 MA's), (Start: 129 @40202 has 4 MA's), (148, 40187), (Start: 176 @40181 has 7 MA's), (198, 40130), (202, 40115), (211, 40094), (220, 40064), (232, 40034), (273, 39959),

Gene: Jayhawk_68 Start: 43965, Stop: 44207, Start Num: 170

Candidate Starts for Jayhawk_68:

(Start: 170 @43965 has 180 MA's), (209, 44055), (253, 44151), (262, 44175),

Gene: JeTaime_39 Start: 33936, Stop: 34181, Start Num: 171
Candidate Starts for JeTaime_39:
(Start: 171 @33936 has 120 MA's), (197, 33993), (208, 34026), (211, 34032), (230, 34086), (234, 34098),

Gene: Jeckyll_66 Start: 43622, Stop: 43864, Start Num: 170
Candidate Starts for Jeckyll_66:
(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Jerm_60 Start: 38841, Stop: 38569, Start Num: 136
Candidate Starts for Jerm_60:
(Start: 136 @38841 has 125 MA's), (Start: 170 @38832 has 180 MA's), (Start: 178 @38820 has 1 MA's), (180, 38814), (224, 38691),

Gene: Jerm2_64 Start: 42536, Stop: 42270, Start Num: 124
Candidate Starts for Jerm2_64:
(Start: 123 @42539 has 30 MA's), (Start: 124 @42536 has 109 MA's), (Start: 129 @42524 has 4 MA's), (Start: 176 @42503 has 7 MA's), (198, 42452), (202, 42437), (211, 42416), (220, 42386), (232, 42356), (273, 42281),

Gene: Jiawan_56 Start: 38310, Stop: 38038, Start Num: 136
Candidate Starts for Jiawan_56:
(Start: 136 @38310 has 125 MA's), (Start: 170 @38301 has 180 MA's), (194, 38244), (207, 38208), (221, 38169), (230, 38142), (234, 38130),

Gene: Jobypre_31 Start: 28829, Stop: 29050, Start Num: 191
Candidate Starts for Jobypre_31:
(Start: 168 @28784 has 64 MA's), (Start: 179 @28796 has 9 MA's), (Start: 191 @28829 has 6 MA's),

Gene: JoeDirt_30 Start: 27672, Stop: 27941, Start Num: 168
Candidate Starts for JoeDirt_30:
(Start: 168 @27672 has 64 MA's), (Start: 191 @27717 has 6 MA's), (232, 27825),

Gene: Joemato_33 Start: 24755, Stop: 25021, Start Num: 149
Candidate Starts for Joemato_33:
(37, 24497), (Start: 149 @24755 has 59 MA's), (233, 24938),

Gene: JohnDoe_33 Start: 24746, Stop: 25012, Start Num: 149
Candidate Starts for JohnDoe_33:
(37, 24488), (Start: 149 @24746 has 59 MA's), (233, 24929),

Gene: Johnathan_35 Start: 24821, Stop: 25051, Start Num: 174
Candidate Starts for Johnathan_35:
(Start: 174 @24821 has 82 MA's),

Gene: JordanFarm_9 Start: 6089, Stop: 5751, Start Num: 101
Candidate Starts for JordanFarm_9:
(57, 6161), (Start: 101 @6089 has 19 MA's), (Start: 127 @6050 has 1 MA's), (190, 5978), (203, 5939), (270, 5798),

Gene: Jorgensen_65 Start: 41384, Stop: 41109, Start Num: 124
Candidate Starts for Jorgensen_65:

(Start: 123 @41387 has 30 MA's), (Start: 124 @41384 has 109 MA's), (Start: 129 @41372 has 4 MA's), (Start: 176 @41342 has 7 MA's), (198, 41291), (202, 41276), (211, 41255), (220, 41225), (232, 41195), (273, 41120),

Gene: Joselito_58 Start: 37786, Stop: 37514, Start Num: 136

Candidate Starts for Joselito_58:

(Start: 136 @37786 has 125 MA's), (Start: 170 @37777 has 180 MA's), (234, 37606),

Gene: Journey13_52 Start: 36811, Stop: 36539, Start Num: 136

Candidate Starts for Journey13_52:

(Start: 136 @36811 has 125 MA's), (Start: 170 @36802 has 180 MA's), (180, 36784), (211, 36700), (224, 36661), (234, 36631),

Gene: Jovita_37 Start: 25579, Stop: 25821, Start Num: 174

Candidate Starts for Jovita_37:

(Start: 174 @25579 has 82 MA's), (285, 25813),

Gene: Joy99_66 Start: 43551, Stop: 43793, Start Num: 170

Candidate Starts for Joy99_66:

(Start: 170 @43551 has 180 MA's), (209, 43641), (253, 43737), (262, 43761),

Gene: JoyLin_53 Start: 37210, Stop: 37458, Start Num: 155

Candidate Starts for JoyLin_53:

(155, 37210), (209, 37309), (211, 37315), (232, 37369), (233, 37372), (236, 37378), (275, 37447),

Gene: Jsquared_56 Start: 37405, Stop: 37133, Start Num: 136

Candidate Starts for Jsquared_56:

(Start: 136 @37405 has 125 MA's), (Start: 178 @37384 has 1 MA's), (180, 37378), (224, 37255), (228, 37243),

Gene: Jstan_36 Start: 26608, Stop: 26865, Start Num: 164

Candidate Starts for Jstan_36:

(37, 26371), (40, 26380), (Start: 164 @26608 has 8 MA's), (192, 26656), (236, 26773),

Gene: Jubie_31 Start: 28785, Stop: 29051, Start Num: 168

Candidate Starts for Jubie_31:

(Start: 168 @28785 has 64 MA's), (Start: 179 @28797 has 9 MA's), (Start: 191 @28830 has 6 MA's),

Gene: Juicebox_39 Start: 32245, Stop: 32553, Start Num: 127

Candidate Starts for Juicebox_39:

(Start: 127 @32245 has 1 MA's), (141, 32269), (Start: 150 @32281 has 5 MA's), (Start: 166 @32302 has 24 MA's), (Start: 169 @32305 has 31 MA's), (189, 32350), (196, 32368), (210, 32404), (217, 32422), (226, 32443), (227, 32446), (230, 32455), (263, 32518),

Gene: JuicyJay_54 Start: 45887, Stop: 46132, Start Num: 169

Candidate Starts for JuicyJay_54:

(Start: 169 @45887 has 31 MA's), (198, 45950), (208, 45980), (210, 45983), (233, 46043), (234, 46046), (236, 46049),

Gene: JuliaChild_63 Start: 41613, Stop: 41338, Start Num: 124

Candidate Starts for JuliaChild_63:

(Start: 123 @41616 has 30 MA's), (Start: 124 @41613 has 109 MA's), (Start: 129 @41601 has 4 MA's), (Start: 176 @41571 has 7 MA's), (198, 41520), (202, 41505), (211, 41484), (220, 41454), (232,

41424),

Gene: JuneStar_33 Start: 26763, Stop: 27023, Start Num: 149

Candidate Starts for JuneStar_33:

(Start: 149 @26763 has 59 MA's), (233, 26922),

Gene: KBG_63 Start: 43145, Stop: 42876, Start Num: 123

Candidate Starts for KBG_63:

(Start: 123 @43145 has 30 MA's), (Start: 124 @43142 has 109 MA's), (Start: 129 @43130 has 4 MA's), (Start: 176 @43106 has 7 MA's), (197, 43061), (202, 43043), (220, 42992), (273, 42887),

Gene: KSSJEB_62 Start: 40592, Stop: 40323, Start Num: 123

Candidate Starts for KSSJEB_62:

(Start: 123 @40592 has 30 MA's), (Start: 124 @40589 has 109 MA's), (Start: 129 @40577 has 4 MA's), (Start: 176 @40556 has 7 MA's), (198, 40505), (202, 40490), (211, 40469), (220, 40439), (232, 40409),

Gene: Kahlid_32 Start: 28472, Stop: 28693, Start Num: 191

Candidate Starts for Kahlid_32:

(Start: 168 @28427 has 64 MA's), (Start: 191 @28472 has 6 MA's), (210, 28523), (236, 28589), (273, 28661), (283, 28682),

Gene: Kalah2_52 Start: 44487, Stop: 44732, Start Num: 169

Candidate Starts for Kalah2_52:

(Start: 169 @44487 has 31 MA's), (198, 44550), (208, 44580), (210, 44583), (233, 44643), (234, 44646), (236, 44649),

Gene: Kalimba_31 Start: 22493, Stop: 22759, Start Num: 151

Candidate Starts for Kalimba_31:

(Start: 151 @22493 has 16 MA's), (Start: 158 @22502 has 3 MA's), (Start: 170 @22508 has 180 MA's), (200, 22571),

Gene: Kanely_63 Start: 41177, Stop: 40902, Start Num: 124

Candidate Starts for Kanely_63:

(Start: 123 @41180 has 30 MA's), (Start: 124 @41177 has 109 MA's), (Start: 129 @41165 has 4 MA's), (198, 41084), (202, 41069), (211, 41048), (220, 41018), (232, 40988),

Gene: Kanye_39 Start: 34121, Stop: 34366, Start Num: 171

Candidate Starts for Kanye_39:

(Start: 171 @34121 has 120 MA's), (197, 34178), (208, 34211), (211, 34217), (230, 34271), (234, 34283),

Gene: KashFlow_45 Start: 38241, Stop: 38489, Start Num: 169

Candidate Starts for KashFlow_45:

(Start: 169 @38241 has 31 MA's), (223, 38373),

Gene: Kate33_35 Start: 25175, Stop: 25417, Start Num: 174

Candidate Starts for Kate33_35:

(Start: 174 @25175 has 82 MA's), (231, 25316),

Gene: KatherineG_64 Start: 37864, Stop: 37595, Start Num: 163

Candidate Starts for KatherineG_64:

(Start: 163 @37864 has 20 MA's), (234, 37687),

Gene: Katzastrophic_35 Start: 25943, Stop: 26173, Start Num: 174

Candidate Starts for Katzastrophic_35:

(94, 25814), (98, 25823), (Start: 100 @25829 has 22 MA's), (105, 25838), (111, 25850), (115, 25856), (Start: 123 @25868 has 30 MA's), (Start: 166 @25934 has 24 MA's), (Start: 174 @25943 has 82 MA's), (208, 26030), (231, 26084), (268, 26135), (285, 26165),

Gene: Kaylissa_33 Start: 24719, Stop: 24961, Start Num: 149

Candidate Starts for Kaylissa_33:

(Start: 149 @24719 has 59 MA's), (233, 24878),

Gene: KeAlii_33 Start: 24733, Stop: 24990, Start Num: 145

Candidate Starts for KeAlii_33:

(48, 24508), (Start: 145 @24733 has 5 MA's),

Gene: Keelan_118 Start: 57003, Stop: 57242, Start Num: 177

Candidate Starts for Keelan_118:

(Start: 124 @56925 has 109 MA's), (Start: 177 @57003 has 6 MA's), (192, 57042), (198, 57057), (221, 57123), (257, 57198), (264, 57219),

Gene: Kenmech_65 Start: 42818, Stop: 42549, Start Num: 123

Candidate Starts for Kenmech_65:

(Start: 123 @42818 has 30 MA's), (Start: 124 @42815 has 109 MA's), (Start: 129 @42803 has 4 MA's), (Start: 176 @42782 has 7 MA's), (198, 42731), (202, 42716), (211, 42695), (220, 42665), (232, 42635),

Gene: Kenzers_36 Start: 25402, Stop: 25644, Start Num: 174

Candidate Starts for Kenzers_36:

(Start: 174 @25402 has 82 MA's), (285, 25636),

Gene: Kerberos_60 Start: 38268, Stop: 37996, Start Num: 136

Candidate Starts for Kerberos_60:

(Start: 136 @38268 has 125 MA's), (Start: 170 @38259 has 180 MA's), (207, 38166), (234, 38088), (268, 38034),

Gene: Kevin1_52 Start: 34949, Stop: 35200, Start Num: 149

Candidate Starts for Kevin1_52:

(62, 34775), (Start: 100 @34871 has 22 MA's), (Start: 149 @34949 has 59 MA's), (Start: 173 @34961 has 5 MA's), (209, 35045), (232, 35111), (233, 35114),

Gene: Keziacharles14_58 Start: 39366, Stop: 39094, Start Num: 136

Candidate Starts for Keziacharles14_58:

(Start: 136 @39366 has 125 MA's), (Start: 170 @39357 has 180 MA's), (194, 39300), (207, 39264), (222, 39222),

Gene: Khuang_61 Start: 36119, Stop: 36397, Start Num: 167

Candidate Starts for Khuang_61:

(Start: 108 @36041 has 4 MA's), (Start: 167 @36119 has 15 MA's), (192, 36164), (208, 36221), (209, 36224), (232, 36290),

Gene: KiSi_71 Start: 44647, Stop: 44877, Start Num: 170

Candidate Starts for KiSi_71:

(Start: 170 @44647 has 180 MA's), (216, 44764), (229, 44782),

Gene: Kieran_34 Start: 25998, Stop: 26228, Start Num: 174

Candidate Starts for Kieran_34:

(21, 25578), (29, 25641), (30, 25659), (31, 25680), (34, 25689), (39, 25713), (45, 25731), (48, 25737), (55, 25764), (56, 25767), (62, 25788), (63, 25791), (72, 25818), (78, 25830), (84, 25845), (90, 25860), (94, 25869), (98, 25878), (Start: 100 @25884 has 22 MA's), (105, 25893), (111, 25905), (115, 25911), (Start: 166 @25989 has 24 MA's), (Start: 174 @25998 has 82 MA's), (202, 26070), (208, 26085), (231, 26139), (268, 26190), (285, 26220),

Gene: Kikiko_7 Start: 5275, Stop: 4988, Start Num: 168

Candidate Starts for Kikiko_7:

(Start: 168 @5275 has 64 MA's), (192, 5227), (207, 5185), (239, 5101),

Gene: Kimchi_39 Start: 33128, Stop: 33373, Start Num: 171

Candidate Starts for Kimchi_39:

(Start: 171 @33128 has 120 MA's), (197, 33185), (208, 33218), (211, 33224), (230, 33278), (234, 33290),

Gene: KingCyrus_60 Start: 40022, Stop: 39750, Start Num: 136

Candidate Starts for KingCyrus_60:

(Start: 136 @40022 has 125 MA's), (Start: 170 @40013 has 180 MA's), (Start: 178 @40001 has 1 MA's), (180, 39995), (224, 39872),

Gene: KingKamren_9 Start: 6124, Stop: 5798, Start Num: 100

Candidate Starts for KingKamren_9:

(Start: 100 @6124 has 22 MA's), (135, 6073), (228, 5905), (268, 5836),

Gene: Kingsolomon_31 Start: 28784, Stop: 29050, Start Num: 168

Candidate Starts for Kingsolomon_31:

(Start: 168 @28784 has 64 MA's), (Start: 179 @28796 has 9 MA's), (Start: 191 @28829 has 6 MA's),

Gene: KirDoubleO7_29 Start: 28812, Stop: 29033, Start Num: 191

Candidate Starts for KirDoubleO7_29:

(Start: 168 @28767 has 64 MA's), (Start: 179 @28779 has 9 MA's), (Start: 191 @28812 has 6 MA's), (208, 28860),

Gene: Klein_52 Start: 43699, Stop: 43944, Start Num: 169

Candidate Starts for Klein_52:

(Start: 169 @43699 has 31 MA's), (198, 43762), (208, 43792), (210, 43795), (233, 43855), (234, 43858), (236, 43861),

Gene: Koduck_59 Start: 37723, Stop: 37412, Start Num: 136

Candidate Starts for Koduck_59:

(16, 38146), (35, 37963), (46, 37924), (Start: 136 @37723 has 125 MA's), (Start: 162 @37684 has 1 MA's), (180, 37657), (224, 37534), (228, 37522),

Gene: Kostya_38 Start: 33136, Stop: 33381, Start Num: 171

Candidate Starts for Kostya_38:

(Start: 171 @33136 has 120 MA's), (197, 33193), (208, 33226), (211, 33232), (230, 33286), (234, 33298),

Gene: Kratio_58 Start: 40509, Stop: 40757, Start Num: 170

Candidate Starts for Kratio_58:

(Start: 170 @40509 has 180 MA's), (221, 40641), (233, 40671), (258, 40704),

Gene: Krypton555_31 Start: 28682, Stop: 28948, Start Num: 168

Candidate Starts for Krypton555_31:

(140, 28643), (Start: 168 @28682 has 64 MA's), (Start: 179 @28694 has 9 MA's), (Start: 191 @28727 has 6 MA's), (208, 28775),

Gene: Kugel_64 Start: 42232, Stop: 41954, Start Num: 123

Candidate Starts for Kugel_64:

(Start: 123 @42232 has 30 MA's), (Start: 124 @42229 has 109 MA's), (Start: 129 @42217 has 4 MA's), (Start: 176 @42187 has 7 MA's), (198, 42136), (202, 42121), (211, 42100), (220, 42070), (232, 42040), (273, 41965),

Gene: Kumao_40 Start: 35332, Stop: 35592, Start Num: 159

Candidate Starts for Kumao_40:

(Start: 159 @35332 has 2 MA's), (Start: 166 @35341 has 24 MA's), (193, 35392), (211, 35440), (220, 35470), (223, 35479), (232, 35500), (233, 35503), (234, 35506),

Gene: Kumotta_57 Start: 33061, Stop: 33339, Start Num: 158

Candidate Starts for Kumotta_57:

(Start: 158 @33061 has 3 MA's), (192, 33109), (228, 33223),

Gene: KyMonks1A_65 Start: 41158, Stop: 40901, Start Num: 132

Candidate Starts for KyMonks1A_65:

(Start: 132 @41158 has 10 MA's), (148, 41140), (Start: 176 @41134 has 7 MA's), (198, 41083), (202, 41068), (211, 41047), (220, 41017), (232, 40987), (273, 40912),

Gene: L5_56 Start: 37810, Stop: 37499, Start Num: 136

Candidate Starts for L5_56:

(16, 38233), (35, 38050), (46, 38011), (Start: 136 @37810 has 125 MA's), (Start: 162 @37771 has 1 MA's), (180, 37744), (224, 37621), (228, 37609),

Gene: Lahqtemish_35 Start: 25448, Stop: 25690, Start Num: 174

Candidate Starts for Lahqtemish_35:

(Start: 174 @25448 has 82 MA's), (231, 25589),

Gene: Lamina13_66 Start: 42549, Stop: 42280, Start Num: 123

Candidate Starts for Lamina13_66:

(Start: 123 @42549 has 30 MA's), (Start: 124 @42546 has 109 MA's), (Start: 129 @42534 has 4 MA's), (Start: 176 @42513 has 7 MA's), (198, 42462), (202, 42447), (211, 42426), (220, 42396), (232, 42366), (273, 42291),

Gene: Larenn_57 Start: 38431, Stop: 38159, Start Num: 136

Candidate Starts for Larenn_57:

(Start: 136 @38431 has 125 MA's), (180, 38404), (193, 38368), (208, 38326), (224, 38281), (234, 38251), (240, 38242),

Gene: Larva_61 Start: 41955, Stop: 42203, Start Num: 170

Candidate Starts for Larva_61:

(Start: 170 @41955 has 180 MA's), (202, 42030), (229, 42102),

Gene: LastHope_71 Start: 43062, Stop: 43310, Start Num: 170

Candidate Starts for LastHope_71:

(Start: 170 @43062 has 180 MA's), (209, 43152), (253, 43248), (262, 43272),

Gene: LastResort_62 Start: 37443, Stop: 37174, Start Num: 163

Candidate Starts for LastResort_62:

(14, 37887), (17, 37863), (25, 37785), (Start: 163 @37443 has 20 MA's), (234, 37266),

Gene: LaterM_67 Start: 44313, Stop: 44555, Start Num: 170

Candidate Starts for LaterM_67:

(Start: 170 @44313 has 180 MA's), (209, 44403), (253, 44499), (262, 44523),

Gene: LeBron_30 Start: 27716, Stop: 27985, Start Num: 168

Candidate Starts for LeBron_30:

(Start: 168 @27716 has 64 MA's), (Start: 191 @27761 has 6 MA's), (232, 27869),

Gene: LeMond_70 Start: 44281, Stop: 44508, Start Num: 170

Candidate Starts for LeMond_70:

(Start: 170 @44281 has 180 MA's), (216, 44398), (229, 44416), (253, 44452),

Gene: LeeroyJenkins_54 Start: 34043, Stop: 34282, Start Num: 173

Candidate Starts for LeeroyJenkins_54:

(Start: 173 @34043 has 5 MA's), (198, 34100), (208, 34127), (211, 34136),

Gene: Lego_33 Start: 24673, Stop: 24915, Start Num: 149

Candidate Starts for Lego_33:

(Start: 149 @24673 has 59 MA's),

Gene: Leopard_52 Start: 39719, Stop: 39474, Start Num: 170

Candidate Starts for Leopard_52:

(Start: 170 @39719 has 180 MA's), (198, 39659), (208, 39632), (220, 39593), (230, 39569), (232, 39563), (234, 39557), (249, 39533),

Gene: Lesedi_58 Start: 39515, Stop: 39249, Start Num: 124

Candidate Starts for Lesedi_58:

(Start: 124 @39515 has 109 MA's), (Start: 129 @39503 has 4 MA's), (Start: 176 @39482 has 7 MA's), (198, 39431), (202, 39416), (211, 39395), (220, 39365), (232, 39335), (273, 39260),

Gene: Leston_60 Start: 42561, Stop: 42809, Start Num: 170

Candidate Starts for Leston_60:

(Start: 170 @42561 has 180 MA's), (202, 42636), (229, 42708),

Gene: Leviathan_60 Start: 38898, Stop: 38626, Start Num: 136

Candidate Starts for Leviathan_60:

(Start: 136 @38898 has 125 MA's), (Start: 170 @38889 has 180 MA's), (Start: 178 @38877 has 1 MA's), (180, 38871), (224, 38748),

Gene: Lewan_32 Start: 28467, Stop: 28688, Start Num: 191

Candidate Starts for Lewan_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Licorice_63 Start: 42655, Stop: 42389, Start Num: 124

Candidate Starts for Licorice_63:

(Start: 123 @42658 has 30 MA's), (Start: 124 @42655 has 109 MA's), (Start: 129 @42643 has 4 MA's), (Start: 176 @42622 has 7 MA's), (198, 42571), (202, 42556), (211, 42535), (220, 42505), (232, 42475),

Gene: Lifes_48 Start: 30666, Stop: 30905, Start Num: 173

Candidate Starts for Lifes_48:

(96, 30549), (104, 30567), (Start: 173 @30666 has 5 MA's), (198, 30723), (211, 30759),

Gene: LilBib_62 Start: 42639, Stop: 42373, Start Num: 124

Candidate Starts for LilBib_62:

(Start: 123 @42642 has 30 MA's), (Start: 124 @42639 has 109 MA's), (Start: 129 @42627 has 4 MA's), (Start: 176 @42606 has 7 MA's), (198, 42555), (202, 42540), (211, 42519), (220, 42489), (232, 42459),

Gene: LilDestine_32 Start: 28421, Stop: 28687, Start Num: 168

Candidate Starts for LilDestine_32:

(Start: 168 @28421 has 64 MA's), (181, 28445), (Start: 191 @28466 has 6 MA's), (210, 28517), (236, 28583), (273, 28655), (283, 28676),

Gene: LilPharaoh_56 Start: 40669, Stop: 40914, Start Num: 170

Candidate Starts for LilPharaoh_56:

(Start: 108 @40597 has 4 MA's), (Start: 170 @40669 has 180 MA's), (213, 40774), (229, 40816), (253, 40852),

Gene: LilTurb_59 Start: 38722, Stop: 38450, Start Num: 136

Candidate Starts for LilTurb_59:

(Start: 136 @38722 has 125 MA's), (Start: 170 @38713 has 180 MA's), (Start: 178 @38701 has 1 MA's), (180, 38695), (224, 38572),

Gene: Lilac_39 Start: 32632, Stop: 32877, Start Num: 171

Candidate Starts for Lilac_39:

(Start: 171 @32632 has 120 MA's), (197, 32689), (208, 32722), (211, 32728), (230, 32782), (234, 32794),

Gene: LilhomieP_38 Start: 32762, Stop: 33040, Start Num: 152

Candidate Starts for LilhomieP_38:

(89, 32651), (Start: 152 @32762 has 11 MA's), (Start: 166 @32780 has 24 MA's), (198, 32843), (229, 32930), (232, 32939), (236, 32948),

Gene: Lilizi_39 Start: 32840, Stop: 33085, Start Num: 171

Candidate Starts for Lilizi_39:

(Start: 171 @32840 has 120 MA's), (197, 32897), (208, 32930), (211, 32936), (230, 32990), (234, 33002),

Gene: Lilleskat_56 Start: 38227, Stop: 37955, Start Num: 136

Candidate Starts for Lilleskat_56:

(Start: 136 @38227 has 125 MA's), (Start: 170 @38218 has 180 MA's), (194, 38161), (207, 38125), (221, 38086), (230, 38059), (234, 38047),

Gene: Lilpickle_36 Start: 32342, Stop: 32587, Start Num: 171

Candidate Starts for Lilpickle_36:

(Start: 171 @32342 has 120 MA's), (197, 32399), (208, 32432), (211, 32438), (230, 32492), (234, 32504),

Gene: LilyLou_9 Start: 6368, Stop: 6045, Start Num: 100

Candidate Starts for LilyLou_9:

(Start: 100 @6368 has 22 MA's), (135, 6317), (184, 6272), (Start: 191 @6254 has 6 MA's), (228, 6149), (260, 6098),

Gene: LimaBean_35 Start: 24870, Stop: 25100, Start Num: 174

Candidate Starts for LimaBean_35:

(Start: 174 @24870 has 82 MA's),

Gene: LindNT_66 Start: 44110, Stop: 44352, Start Num: 170

Candidate Starts for LindNT_66:

(Start: 170 @44110 has 180 MA's), (209, 44200), (253, 44296),

Gene: LittleE_56 Start: 43957, Stop: 44196, Start Num: 179

Candidate Starts for LittleE_56:

(Start: 179 @43957 has 9 MA's), (188, 43984), (208, 44038), (210, 44041), (232, 44098), (256, 44134),

Gene: LiyuLake_31 Start: 28737, Stop: 29003, Start Num: 168

Candidate Starts for LiyuLake_31:

(Start: 168 @28737 has 64 MA's), (Start: 179 @28749 has 9 MA's), (Start: 191 @28782 has 6 MA's), (208, 28830),

Gene: Lizalica_32 Start: 24547, Stop: 24813, Start Num: 149

Candidate Starts for Lizalica_32:

(Start: 149 @24547 has 59 MA's), (233, 24730),

Gene: Llorens_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Llorens_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Loadrie_32 Start: 28454, Stop: 28720, Start Num: 168

Candidate Starts for Loadrie_32:

(Start: 168 @28454 has 64 MA's), (Start: 191 @28499 has 6 MA's), (210, 28550), (236, 28616), (273, 28688), (283, 28709),

Gene: Lockley_59 Start: 40855, Stop: 40580, Start Num: 124

Candidate Starts for Lockley_59:

(Start: 124 @40855 has 109 MA's), (Start: 129 @40843 has 4 MA's), (Start: 176 @40813 has 7 MA's), (198, 40762), (202, 40747), (211, 40726), (219, 40699), (220, 40696), (232, 40666), (273, 40591),

Gene: Lokk_55 Start: 37800, Stop: 37528, Start Num: 136

Candidate Starts for Lokk_55:

(Start: 136 @37800 has 125 MA's), (180, 37773), (224, 37650), (234, 37620),

Gene: Lolly9_31 Start: 28548, Stop: 28814, Start Num: 168

Candidate Starts for Lolly9_31:

(Start: 168 @28548 has 64 MA's), (Start: 179 @28560 has 9 MA's), (Start: 191 @28593 has 6 MA's),

Gene: London_34 Start: 26623, Stop: 26880, Start Num: 164

Candidate Starts for London_34:

(37, 26386), (40, 26395), (Start: 164 @26623 has 8 MA's), (192, 26671), (236, 26788),

Gene: LoneWolf_59 Start: 38258, Stop: 37986, Start Num: 136

Candidate Starts for LoneWolf_59:

(Start: 136 @38258 has 125 MA's), (Start: 170 @38249 has 180 MA's), (194, 38192), (207, 38156), (224, 38108), (234, 38078),

Gene: Looper_63 Start: 37355, Stop: 37086, Start Num: 163

Candidate Starts for Looper_63:

(14, 37799), (17, 37775), (25, 37697), (Start: 163 @37355 has 20 MA's), (234, 37178),

Gene: Lopton_60 Start: 42624, Stop: 42370, Start Num: 129

Candidate Starts for Lopton_60:

(Start: 122 @42636 has 6 MA's), (Start: 129 @42624 has 4 MA's), (Start: 176 @42603 has 7 MA's), (198, 42552), (202, 42537), (211, 42516), (220, 42486), (232, 42456),

Gene: Loviatar_65 Start: 27431, Stop: 27664, Start Num: 174

Candidate Starts for Loviatar_65:

(94, 27302), (95, 27305), (103, 27323), (109, 27335), (111, 27338), (117, 27347), (Start: 166 @27422 has 24 MA's), (Start: 174 @27431 has 82 MA's), (192, 27473),

Gene: Lucivia_58 Start: 37835, Stop: 37563, Start Num: 136

Candidate Starts for Lucivia_58:

(Start: 136 @37835 has 125 MA's), (Start: 170 @37826 has 180 MA's), (234, 37655),

Gene: Lucky2013_51 Start: 40948, Stop: 41187, Start Num: 179

Candidate Starts for Lucky2013_51:

(Start: 179 @40948 has 9 MA's), (188, 40975), (208, 41029), (210, 41032), (232, 41089), (256, 41125),

Gene: Lucyedi_59 Start: 38336, Stop: 38067, Start Num: 164

Candidate Starts for Lucyedi_59:

(97, 38408), (Start: 136 @38339 has 125 MA's), (Start: 164 @38336 has 8 MA's), (Start: 170 @38330 has 180 MA's), (207, 38237), (222, 38195), (224, 38189), (234, 38159),

Gene: Lumos_31 Start: 28781, Stop: 29047, Start Num: 168

Candidate Starts for Lumos_31:

(Start: 168 @28781 has 64 MA's), (Start: 179 @28793 has 9 MA's), (Start: 191 @28826 has 6 MA's),

Gene: Lunahalos_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Lunahalos_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Lupine_29 Start: 9261, Stop: 9509, Start Num: 174

Candidate Starts for Lupine_29:

(Start: 142 @9222 has 1 MA's), (Start: 174 @9261 has 82 MA's), (192, 9306), (205, 9342), (278, 9489),

Gene: Lyell_35 Start: 10250, Stop: 10504, Start Num: 174

Candidate Starts for Lyell_35:

(157, 10235), (Start: 174 @10250 has 82 MA's), (192, 10295), (211, 10346), (217, 10364), (227, 10382),

Gene: Lynlen_36 Start: 25402, Stop: 25644, Start Num: 174

Candidate Starts for Lynlen_36:
(Start: 174 @25402 has 82 MA's), (285, 25636),

Gene: MAckerman_30 Start: 27690, Stop: 27959, Start Num: 168
Candidate Starts for MAckerman_30:
(Start: 168 @27690 has 64 MA's), (Start: 191 @27735 has 6 MA's), (232, 27843),

Gene: MISSy_36 Start: 32648, Stop: 32893, Start Num: 171
Candidate Starts for MISSy_36:
(Start: 171 @32648 has 120 MA's), (197, 32705), (208, 32738), (211, 32744), (230, 32798), (234, 32810),

Gene: MPhalcon_36 Start: 32641, Stop: 32886, Start Num: 171
Candidate Starts for MPhalcon_36:
(Start: 171 @32641 has 120 MA's), (197, 32698), (208, 32731), (211, 32737), (230, 32791), (234, 32803),

Gene: MaCh_58 Start: 37765, Stop: 37493, Start Num: 136
Candidate Starts for MaCh_58:
(Start: 136 @37765 has 125 MA's), (Start: 170 @37756 has 180 MA's), (224, 37615),

Gene: MaGuCo_34 Start: 25599, Stop: 25841, Start Num: 167
Candidate Starts for MaGuCo_34:
(Start: 167 @25599 has 15 MA's), (194, 25650), (233, 25758),

Gene: Mabel_57 Start: 37367, Stop: 37095, Start Num: 136
Candidate Starts for Mabel_57:
(Start: 136 @37367 has 125 MA's), (Start: 170 @37358 has 180 MA's), (234, 37187),

Gene: Mabodamaca_42 Start: 28268, Stop: 28534, Start Num: 151
Candidate Starts for Mabodamaca_42:
(Start: 151 @28268 has 16 MA's), (192, 28322), (230, 28436),

Gene: MacnCheese_70 Start: 44725, Stop: 44967, Start Num: 170
Candidate Starts for MacnCheese_70:
(Start: 170 @44725 has 180 MA's), (Start: 187 @44758 has 2 MA's), (209, 44815), (233, 44887), (253, 44911),

Gene: MadamMonkfish_37 Start: 32553, Stop: 32798, Start Num: 171
Candidate Starts for MadamMonkfish_37:
(Start: 171 @32553 has 120 MA's), (197, 32610), (208, 32643), (211, 32649), (230, 32703), (234, 32715),

Gene: Magnar_60 Start: 41031, Stop: 40774, Start Num: 132
Candidate Starts for Magnar_60:
(Start: 132 @41031 has 10 MA's), (148, 41013), (Start: 176 @41007 has 7 MA's), (198, 40956), (202, 40941), (211, 40920), (220, 40890), (232, 40860), (273, 40785),

Gene: Magnito_60 Start: 40895, Stop: 40638, Start Num: 132
Candidate Starts for Magnito_60:
(Start: 132 @40895 has 10 MA's), (148, 40877), (Start: 176 @40871 has 7 MA's), (198, 40820), (202, 40805), (211, 40784), (216, 40763), (220, 40754), (232, 40724),

Gene: Magsby_50 Start: 34922, Stop: 35170, Start Num: 149

Candidate Starts for Magsby_50:

(18, 34508), (51, 34715), (62, 34748), (Start: 100 @34844 has 22 MA's), (Start: 149 @34922 has 59 MA's), (Start: 173 @34934 has 5 MA's), (Start: 176 @34940 has 7 MA's), (209, 35018), (232, 35084), (233, 35087),

Gene: MajorMajor_57 Start: 37421, Stop: 37149, Start Num: 136

Candidate Starts for MajorMajor_57:

(Start: 136 @37421 has 125 MA's), (Start: 178 @37400 has 1 MA's), (180, 37394), (224, 37271), (228, 37259),

Gene: Makemake_64 Start: 42602, Stop: 42336, Start Num: 122

Candidate Starts for Makemake_64:

(Start: 122 @42602 has 6 MA's), (Start: 129 @42590 has 4 MA's), (Start: 176 @42569 has 7 MA's), (198, 42518), (202, 42503), (211, 42482), (220, 42452), (232, 42422), (273, 42347),

Gene: Malec_58 Start: 38998, Stop: 38726, Start Num: 136

Candidate Starts for Malec_58:

(Start: 136 @38998 has 125 MA's), (180, 38971), (193, 38935), (208, 38893), (224, 38848), (234, 38818), (240, 38809),

Gene: Maminiaina_57 Start: 38227, Stop: 37955, Start Num: 136

Candidate Starts for Maminiaina_57:

(Start: 136 @38227 has 125 MA's), (Start: 170 @38218 has 180 MA's), (194, 38161), (207, 38125), (234, 38047),

Gene: Manatee_62 Start: 40921, Stop: 40652, Start Num: 123

Candidate Starts for Manatee_62:

(Start: 123 @40921 has 30 MA's), (Start: 124 @40918 has 109 MA's), (Start: 129 @40906 has 4 MA's), (148, 40891), (Start: 176 @40885 has 7 MA's), (198, 40834), (202, 40819), (211, 40798), (220, 40768), (232, 40738),

Gene: Manda_38 Start: 33620, Stop: 33865, Start Num: 171

Candidate Starts for Manda_38:

(Start: 171 @33620 has 120 MA's), (197, 33677), (208, 33710), (211, 33716), (230, 33770), (234, 33782),

Gene: Marcell_58 Start: 39784, Stop: 39509, Start Num: 124

Candidate Starts for Marcell_58:

(109, 39808), (Start: 123 @39787 has 30 MA's), (Start: 124 @39784 has 109 MA's), (Start: 129 @39772 has 4 MA's), (Start: 176 @39742 has 7 MA's), (198, 39691), (202, 39676), (211, 39655), (220, 39625), (232, 39595),

Gene: Marchy_56 Start: 37872, Stop: 37597, Start Num: 124

Candidate Starts for Marchy_56:

(Start: 123 @37875 has 30 MA's), (Start: 124 @37872 has 109 MA's), (Start: 129 @37860 has 4 MA's), (Start: 176 @37830 has 7 MA's), (198, 37779), (202, 37764), (211, 37743), (216, 37722), (220, 37713), (232, 37683),

Gene: Marcoliusprime_69 Start: 46092, Stop: 46337, Start Num: 170

Candidate Starts for Marcoliusprime_69:

(112, 46035), (116, 46041), (Start: 170 @46092 has 180 MA's), (209, 46182), (220, 46218), (233, 46251),

Gene: MargaretKali_53 Start: 31679, Stop: 31957, Start Num: 158
Candidate Starts for MargaretKali_53:
(Start: 158 @31679 has 3 MA's), (192, 31727), (228, 31841),

Gene: Marge_59 Start: 40664, Stop: 40398, Start Num: 124
Candidate Starts for Marge_59:
(Start: 123 @40667 has 30 MA's), (Start: 124 @40664 has 109 MA's), (Start: 129 @40652 has 4 MA's), (Start: 176 @40631 has 7 MA's), (198, 40580), (202, 40565), (211, 40544), (220, 40514), (232, 40484),

Gene: MarkPhew_69 Start: 43780, Stop: 44007, Start Num: 170
Candidate Starts for MarkPhew_69:
(Start: 170 @43780 has 180 MA's), (216, 43897), (228, 43912), (229, 43915), (253, 43951),

Gene: Maroc7_59 Start: 41311, Stop: 41042, Start Num: 123
Candidate Starts for Maroc7_59:
(109, 41332), (Start: 123 @41311 has 30 MA's), (Start: 124 @41308 has 109 MA's), (Start: 129 @41296 has 4 MA's), (Start: 176 @41275 has 7 MA's), (198, 41224), (202, 41209), (211, 41188), (220, 41158), (232, 41128),

Gene: Marsha_61 Start: 42250, Stop: 41984, Start Num: 124
Candidate Starts for Marsha_61:
(Start: 123 @42253 has 30 MA's), (Start: 124 @42250 has 109 MA's), (Start: 176 @42217 has 7 MA's), (198, 42166), (202, 42151), (211, 42130), (216, 42109), (220, 42100), (232, 42070),

Gene: Marshawn_66 Start: 44145, Stop: 44384, Start Num: 170
Candidate Starts for Marshawn_66:
(Start: 170 @44145 has 180 MA's), (209, 44235),

Gene: Marshmallow_37 Start: 33133, Stop: 33378, Start Num: 171
Candidate Starts for Marshmallow_37:
(Start: 171 @33133 has 120 MA's), (197, 33190), (208, 33223), (211, 33229), (230, 33283), (234, 33295),

Gene: MaryBeth_60 Start: 41488, Stop: 41222, Start Num: 124
Candidate Starts for MaryBeth_60:
(Start: 123 @41491 has 30 MA's), (Start: 124 @41488 has 109 MA's), (Start: 129 @41476 has 4 MA's), (Start: 176 @41455 has 7 MA's), (198, 41404), (202, 41389), (211, 41368), (220, 41338), (232, 41308), (273, 41233),

Gene: MaryV_53 Start: 39346, Stop: 39594, Start Num: 167
Candidate Starts for MaryV_53:
(Start: 167 @39346 has 15 MA's), (204, 39427), (220, 39475), (233, 39508), (234, 39511), (236, 39514), (256, 39547), (268, 39583),

Gene: Maureen_36 Start: 26752, Stop: 26994, Start Num: 167
Candidate Starts for Maureen_36:
(Start: 167 @26752 has 15 MA's), (194, 26803), (233, 26911),

Gene: Maxxinista_38 Start: 32602, Stop: 32847, Start Num: 171
Candidate Starts for Maxxinista_38:

(Start: 171 @32602 has 120 MA's), (197, 32659), (208, 32692), (211, 32698), (230, 32752), (234, 32764),

Gene: Mazun_9 Start: 6131, Stop: 5775, Start Num: 101

Candidate Starts for Mazun_9:

(Start: 101 @6131 has 19 MA's), (Start: 127 @6092 has 1 MA's), (137, 6077), (203, 5981), (254, 5864), (268, 5825),

Gene: Mbo4_60 Start: 42893, Stop: 43174, Start Num: 158

Candidate Starts for Mbo4_60:

(6, 42125), (Start: 158 @42893 has 3 MA's), (Start: 187 @42926 has 2 MA's),

Gene: McMater_69 Start: 44123, Stop: 44362, Start Num: 170

Candidate Starts for McMater_69:

(Start: 170 @44123 has 180 MA's), (209, 44213), (220, 44249), (228, 44267), (262, 44330),

Gene: Mdavu_56 Start: 40930, Stop: 41175, Start Num: 170

Candidate Starts for Mdavu_56:

(Start: 108 @40858 has 4 MA's), (Start: 170 @40930 has 180 MA's), (213, 41035), (229, 41077), (253, 41113),

Gene: MeaningOfLife_67 Start: 44374, Stop: 44616, Start Num: 170

Candidate Starts for MeaningOfLife_67:

(Start: 170 @44374 has 180 MA's), (209, 44464), (253, 44560), (262, 44584),

Gene: Megsy_69 Start: 44032, Stop: 44277, Start Num: 170

Candidate Starts for Megsy_69:

(Start: 170 @44032 has 180 MA's), (209, 44122), (253, 44218), (276, 44269),

Gene: Melville_53 Start: 34906, Stop: 35154, Start Num: 149

Candidate Starts for Melville_53:

(18, 34492), (51, 34699), (62, 34732), (Start: 100 @34828 has 22 MA's), (Start: 149 @34906 has 59 MA's), (Start: 173 @34918 has 5 MA's), (Start: 176 @34924 has 7 MA's), (209, 35002), (232, 35068), (233, 35071),

Gene: MetalQZJ_59 Start: 41488, Stop: 41222, Start Num: 124

Candidate Starts for MetalQZJ_59:

(Start: 123 @41491 has 30 MA's), (Start: 124 @41488 has 109 MA's), (Start: 129 @41476 has 4 MA's), (Start: 176 @41455 has 7 MA's), (198, 41404), (202, 41389), (211, 41368), (220, 41338), (232, 41308), (273, 41233),

Gene: MiaZeal_51 Start: 40623, Stop: 40862, Start Num: 179

Candidate Starts for MiaZeal_51:

(Start: 179 @40623 has 9 MA's), (188, 40650), (208, 40704), (210, 40707), (232, 40764), (256, 40800),

Gene: Michley_65 Start: 41769, Stop: 41494, Start Num: 124

Candidate Starts for Michley_65:

(Start: 124 @41769 has 109 MA's), (Start: 129 @41757 has 4 MA's), (198, 41676), (202, 41661), (211, 41640), (220, 41610), (232, 41580), (273, 41505),

Gene: Miko_55 Start: 38578, Stop: 38306, Start Num: 136

Candidate Starts for Miko_55:

(46, 38779), (Start: 136 @38578 has 125 MA's), (180, 38551), (224, 38428), (234, 38398),

Gene: Miley16_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Miley16_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Milly_69 Start: 46066, Stop: 46311, Start Num: 170

Candidate Starts for Milly_69:

(Start: 108 @46003 has 4 MA's), (Start: 170 @46066 has 180 MA's), (209, 46156), (233, 46225),

Gene: Mimi_114 Start: 86487, Stop: 86735, Start Num: 171

Candidate Starts for Mimi_114:

(Start: 171 @86487 has 120 MA's), (Start: 175 @86493 has 1 MA's), (180, 86499),

Gene: Mindy_37 Start: 32913, Stop: 33158, Start Num: 171

Candidate Starts for Mindy_37:

(Start: 171 @32913 has 120 MA's), (197, 32970), (208, 33003), (211, 33009), (228, 33057), (230, 33063), (234, 33075),

Gene: MinecraftSteve_64 Start: 37679, Stop: 37410, Start Num: 163

Candidate Starts for MinecraftSteve_64:

(Start: 163 @37679 has 20 MA's), (234, 37502),

Gene: Minerva_58 Start: 45548, Stop: 45796, Start Num: 169

Candidate Starts for Minerva_58:

(Start: 169 @45548 has 31 MA's), (223, 45680),

Gene: MiniLon_31 Start: 28548, Stop: 28814, Start Num: 168

Candidate Starts for MiniLon_31:

(Start: 168 @28548 has 64 MA's), (Start: 179 @28560 has 9 MA's), (Start: 191 @28593 has 6 MA's),

Gene: MiniMac_31 Start: 28549, Stop: 28815, Start Num: 168

Candidate Starts for MiniMac_31:

(Start: 168 @28549 has 64 MA's), (Start: 179 @28561 has 9 MA's), (Start: 191 @28594 has 6 MA's),

Gene: MiniMommy_41 Start: 26464, Stop: 26751, Start Num: 153

Candidate Starts for MiniMommy_41:

(Start: 153 @26464 has 1 MA's), (234, 26656),

Gene: Miniwave_37 Start: 33332, Stop: 33577, Start Num: 171

Candidate Starts for Miniwave_37:

(Start: 171 @33332 has 120 MA's), (197, 33389), (208, 33422), (211, 33428), (230, 33482), (234, 33494),

Gene: Miryou_64 Start: 45175, Stop: 45423, Start Num: 170

Candidate Starts for Miryou_64:

(Start: 170 @45175 has 180 MA's), (199, 45238),

Gene: Misfit_37 Start: 33222, Stop: 33467, Start Num: 171

Candidate Starts for Misfit_37:

(Start: 171 @33222 has 120 MA's), (197, 33279), (208, 33312), (211, 33318), (230, 33372), (234, 33384),

Gene: MissAmericana_7 Start: 5312, Stop: 5025, Start Num: 158

Candidate Starts for MissAmericana_7:

(Start: 158 @5312 has 3 MA's), (223, 5159), (262, 5072),

Gene: MissDaisy_67 Start: 42299, Stop: 42547, Start Num: 172

Candidate Starts for MissDaisy_67:

(65, 42101), (Start: 159 @42284 has 2 MA's), (Start: 172 @42299 has 1 MA's), (209, 42386), (249, 42482), (274, 42536),

Gene: MissSwiss_32 Start: 23153, Stop: 23398, Start Num: 167

Candidate Starts for MissSwiss_32:

(Start: 167 @23153 has 15 MA's), (192, 23198), (233, 23312),

Gene: MissWhite_57 Start: 36925, Stop: 36653, Start Num: 136

Candidate Starts for MissWhite_57:

(Start: 136 @36925 has 125 MA's), (Start: 170 @36916 has 180 MA's), (180, 36898), (234, 36745),

Gene: MkaliMitinis3_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for MkaliMitinis3_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Mkhuseli_58 Start: 39493, Stop: 39260, Start Num: 176

Candidate Starts for Mkhuseli_58:

(Start: 123 @39529 has 30 MA's), (Start: 124 @39526 has 109 MA's), (Start: 129 @39514 has 4 MA's), (Start: 176 @39493 has 7 MA's), (198, 39442), (202, 39427), (211, 39406), (220, 39376), (232, 39346),

Gene: Moldemort_38 Start: 32877, Stop: 33122, Start Num: 171

Candidate Starts for Moldemort_38:

(Start: 171 @32877 has 120 MA's), (197, 32934), (208, 32967), (211, 32973), (230, 33027), (234, 33039),

Gene: Moleficient_9 Start: 6125, Stop: 5769, Start Num: 101

Candidate Starts for Moleficient_9:

(Start: 101 @6125 has 19 MA's), (Start: 127 @6086 has 1 MA's), (137, 6071), (203, 5975), (247, 5867), (254, 5858), (268, 5819),

Gene: Mollymur_85 Start: 58104, Stop: 57838, Start Num: 151

Candidate Starts for Mollymur_85:

(Start: 151 @58104 has 16 MA's), (228, 57939), (233, 57924), (259, 57873),

Gene: Monet_65 Start: 43052, Stop: 42786, Start Num: 124

Candidate Starts for Monet_65:

(Start: 123 @43055 has 30 MA's), (Start: 124 @43052 has 109 MA's), (Start: 129 @43040 has 4 MA's), (Start: 176 @43019 has 7 MA's), (198, 42968), (202, 42953), (211, 42932), (216, 42911), (220, 42902), (232, 42872),

Gene: MontyDev_40 Start: 36039, Stop: 36284, Start Num: 166

Candidate Starts for MontyDev_40:

(137, 35997), (Start: 166 @36039 has 24 MA's), (180, 36060), (Start: 187 @36081 has 2 MA's), (197, 36105), (198, 36108), (238, 36207), (241, 36210), (244, 36213), (269, 36264),

Gene: Moostard_31 Start: 28832, Stop: 29053, Start Num: 191

Candidate Starts for Moostard_31:

(Start: 168 @28787 has 64 MA's), (Start: 179 @28799 has 9 MA's), (Start: 191 @28832 has 6 MA's),

Gene: Morrill_9 Start: 6080, Stop: 5724, Start Num: 101

Candidate Starts for Morrill_9:

(Start: 101 @6080 has 19 MA's), (Start: 127 @6041 has 1 MA's), (137, 6026), (254, 5813), (268, 5774),

Gene: Mosby_36 Start: 32639, Stop: 32884, Start Num: 171

Candidate Starts for Mosby_36:

(Start: 171 @32639 has 120 MA's), (197, 32696), (208, 32729), (211, 32735), (228, 32783), (230, 32789), (234, 32801),

Gene: Moss_36 Start: 22585, Stop: 22851, Start Num: 151

Candidate Starts for Moss_36:

(Start: 151 @22585 has 16 MA's), (Start: 170 @22600 has 180 MA's), (200, 22663), (247, 22783),

Gene: MrGordo_64 Start: 41635, Stop: 41360, Start Num: 124

Candidate Starts for MrGordo_64:

(Start: 123 @41638 has 30 MA's), (Start: 124 @41635 has 109 MA's), (Start: 129 @41623 has 4 MA's), (Start: 176 @41593 has 7 MA's), (198, 41542), (202, 41527), (211, 41506), (220, 41476), (232, 41446), (273, 41371),

Gene: MrMagoo_44 Start: 33882, Stop: 34133, Start Num: 166

Candidate Starts for MrMagoo_44:

(Start: 166 @33882 has 24 MA's), (227, 34026), (228, 34029), (233, 34044), (268, 34098),

Gene: Mryolo_58 Start: 40629, Stop: 40372, Start Num: 132

Candidate Starts for Mryolo_58:

(Start: 132 @40629 has 10 MA's), (148, 40611), (Start: 176 @40605 has 7 MA's), (198, 40554), (202, 40539), (211, 40518), (220, 40488), (232, 40458),

Gene: MsGreen_31 Start: 28784, Stop: 29050, Start Num: 168

Candidate Starts for MsGreen_31:

(Start: 168 @28784 has 64 MA's), (Start: 179 @28796 has 9 MA's), (Start: 191 @28829 has 6 MA's),

Gene: Mudpuppy_32 Start: 24535, Stop: 24777, Start Num: 150

Candidate Starts for Mudpuppy_32:

(37, 24277), (50, 24313), (Start: 150 @24535 has 5 MA's), (233, 24694),

Gene: Mufasa_69 Start: 45652, Stop: 45897, Start Num: 170

Candidate Starts for Mufasa_69:

(112, 45595), (116, 45601), (Start: 170 @45652 has 180 MA's), (209, 45742), (233, 45811), (253, 45835), (277, 45889),

Gene: Mulciber_57 Start: 37323, Stop: 37051, Start Num: 136

Candidate Starts for Mulciber_57:

(Start: 136 @37323 has 125 MA's), (Start: 170 @37314 has 180 MA's), (234, 37143),

Gene: Mule_59 Start: 40467, Stop: 40201, Start Num: 124

Candidate Starts for Mule_59:

(Start: 123 @40470 has 30 MA's), (Start: 124 @40467 has 109 MA's), (Start: 129 @40455 has 4 MA's), (Start: 176 @40434 has 7 MA's), (198, 40383), (202, 40368), (211, 40347), (220, 40317), (232, 40287),

Gene: Munch_58 Start: 37786, Stop: 37514, Start Num: 136

Candidate Starts for Munch_58:

(Start: 136 @37786 has 125 MA's), (Start: 170 @37777 has 180 MA's), (234, 37606),

Gene: Murica_36 Start: 33119, Stop: 33364, Start Num: 171

Candidate Starts for Murica_36:

(Start: 171 @33119 has 120 MA's), (197, 33176), (208, 33209), (211, 33215), (230, 33269), (234, 33281),

Gene: Murphy_38 Start: 33114, Stop: 33359, Start Num: 171

Candidate Starts for Murphy_38:

(Start: 171 @33114 has 120 MA's), (197, 33171), (208, 33204), (211, 33210), (230, 33264), (234, 33276),

Gene: Murucutumbu_68 Start: 44888, Stop: 45130, Start Num: 170

Candidate Starts for Murucutumbu_68:

(Start: 170 @44888 has 180 MA's), (209, 44978), (253, 45074), (262, 45098),

Gene: Musetta_35 Start: 10358, Stop: 10612, Start Num: 174

Candidate Starts for Musetta_35:

(157, 10343), (Start: 174 @10358 has 82 MA's), (192, 10403), (248, 10526),

Gene: Mynx_68 Start: 44234, Stop: 44476, Start Num: 170

Candidate Starts for Mynx_68:

(Start: 170 @44234 has 180 MA's), (209, 44324), (253, 44420), (262, 44444),

Gene: Myrale_37 Start: 32998, Stop: 33243, Start Num: 171

Candidate Starts for Myrale_37:

(Start: 171 @32998 has 120 MA's), (197, 33055), (208, 33088), (211, 33094), (230, 33148), (234, 33160),

Gene: Myrna_77 Start: 30774, Stop: 31019, Start Num: 174

Candidate Starts for Myrna_77:

(Start: 174 @30774 has 82 MA's), (221, 30900),

Gene: Mysterium_31 Start: 22590, Stop: 22856, Start Num: 151

Candidate Starts for Mysterium_31:

(Start: 151 @22590 has 16 MA's), (Start: 170 @22605 has 180 MA's), (200, 22668), (247, 22788),

Gene: Myxus_58 Start: 38225, Stop: 37953, Start Num: 136

Candidate Starts for Myxus_58:

(Start: 136 @38225 has 125 MA's), (Start: 170 @38216 has 180 MA's), (194, 38159), (207, 38123), (221, 38084), (230, 38057), (234, 38045),

Gene: NEHalo_59 Start: 41047, Stop: 40781, Start Num: 124

Candidate Starts for NEHalo_59:

(Start: 123 @41050 has 30 MA's), (Start: 124 @41047 has 109 MA's), (Start: 129 @41035 has 4 MA's), (Start: 176 @41014 has 7 MA's), (198, 40963), (202, 40948), (211, 40927), (220, 40897), (232, 40867), (273, 40792),

Gene: Naira_64 Start: 42709, Stop: 42434, Start Num: 124

Candidate Starts for Naira_64:

(Start: 124 @42709 has 109 MA's), (Start: 129 @42697 has 4 MA's), (Start: 176 @42667 has 7 MA's), (198, 42616), (202, 42601), (211, 42580), (216, 42559), (220, 42550), (232, 42520), (273, 42445),

Gene: Naji_60 Start: 38269, Stop: 37997, Start Num: 136

Candidate Starts for Naji_60:

(Start: 136 @38269 has 125 MA's), (Start: 170 @38260 has 180 MA's), (207, 38167), (234, 38089), (268, 38035),

Gene: Nala_37 Start: 33153, Stop: 33398, Start Num: 171

Candidate Starts for Nala_37:

(Start: 171 @33153 has 120 MA's), (197, 33210), (208, 33243), (211, 33249), (230, 33303), (234, 33315),

Gene: Nanosmite_44 Start: 33715, Stop: 33966, Start Num: 166

Candidate Starts for Nanosmite_44:

(Start: 166 @33715 has 24 MA's), (198, 33778), (209, 33808), (227, 33859),

Gene: Nebulosus_62 Start: 37439, Stop: 37170, Start Num: 163

Candidate Starts for Nebulosus_62:

(14, 37883), (17, 37859), (25, 37781), (Start: 163 @37439 has 20 MA's), (234, 37262), (261, 37223),

Gene: Necrophoxinus_37 Start: 10946, Stop: 11200, Start Num: 174

Candidate Starts for Necrophoxinus_37:

(157, 10931), (Start: 174 @10946 has 82 MA's), (192, 10991), (211, 11042), (217, 11060), (227, 11078),

Gene: Nedarya_60 Start: 37419, Stop: 37150, Start Num: 162

Candidate Starts for Nedarya_60:

(17, 37842), (Start: 162 @37419 has 1 MA's), (Start: 170 @37410 has 180 MA's), (180, 37392), (234, 37239),

Gene: NelitzaMV_37 Start: 33203, Stop: 33448, Start Num: 171

Candidate Starts for NelitzaMV_37:

(Start: 171 @33203 has 120 MA's), (197, 33260), (208, 33293), (211, 33299), (230, 33353), (234, 33365),

Gene: Nenae_55 Start: 36175, Stop: 36423, Start Num: 149

Candidate Starts for Nenae_55:

(Start: 149 @36175 has 59 MA's), (Start: 173 @36187 has 5 MA's), (232, 36337), (233, 36340), (273, 36415),

Gene: Nerujay_64 Start: 42393, Stop: 42118, Start Num: 124

Candidate Starts for Nerujay_64:

(Start: 123 @42396 has 30 MA's), (Start: 124 @42393 has 109 MA's), (Start: 129 @42381 has 4 MA's), (Start: 176 @42351 has 7 MA's), (198, 42300), (202, 42285), (211, 42264), (220, 42234), (232, 42204),

Gene: Netyap_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Netyap_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Nibb_69 Start: 43994, Stop: 44221, Start Num: 170
Candidate Starts for Nibb_69:
(Start: 170 @43994 has 180 MA's), (229, 44129), (253, 44165),

Gene: Nicholas_31 Start: 28784, Stop: 29050, Start Num: 168
Candidate Starts for Nicholas_31:
(Start: 168 @28784 has 64 MA's), (Start: 179 @28796 has 9 MA's), (Start: 191 @28829 has 6 MA's),

Gene: Nicholasp3_32 Start: 28424, Stop: 28690, Start Num: 168
Candidate Starts for Nicholasp3_32:
(Start: 168 @28424 has 64 MA's), (Start: 191 @28469 has 6 MA's), (210, 28520), (236, 28586), (273, 28658), (283, 28679),

Gene: Nicky22_37 Start: 25941, Stop: 26183, Start Num: 174
Candidate Starts for Nicky22_37:
(Start: 174 @25941 has 82 MA's), (285, 26175),

Gene: NihilNomen_51 Start: 44218, Stop: 44466, Start Num: 169
Candidate Starts for NihilNomen_51:
(Start: 169 @44218 has 31 MA's), (223, 44350),

Gene: Nikao_58 Start: 43554, Stop: 43799, Start Num: 170
Candidate Starts for Nikao_58:
(Start: 108 @43482 has 4 MA's), (Start: 170 @43554 has 180 MA's), (213, 43659), (229, 43701), (253, 43737),

Gene: Niklas_69 Start: 44184, Stop: 44423, Start Num: 170
Candidate Starts for Niklas_69:
(Start: 170 @44184 has 180 MA's), (209, 44274), (220, 44310), (228, 44328), (262, 44391),

Gene: Nilo_41 Start: 36395, Stop: 36640, Start Num: 166
Candidate Starts for Nilo_41:
(137, 36353), (Start: 166 @36395 has 24 MA's), (180, 36416), (Start: 187 @36437 has 2 MA's), (198, 36464), (238, 36563), (241, 36566), (244, 36569), (269, 36620),

Gene: Nimrod_37 Start: 33377, Stop: 33622, Start Num: 171
Candidate Starts for Nimrod_37:
(Start: 171 @33377 has 120 MA's), (197, 33434), (208, 33467), (211, 33473), (230, 33527), (234, 33539),

Gene: Niobe_34 Start: 26608, Stop: 26865, Start Num: 164
Candidate Starts for Niobe_34:
(37, 26371), (40, 26380), (Start: 164 @26608 has 8 MA's), (192, 26656), (236, 26773),

Gene: Nitro_33 Start: 25923, Stop: 26186, Start Num: 149
Candidate Starts for Nitro_33:
(Start: 149 @25923 has 59 MA's), (233, 26103),

Gene: Niza_64 Start: 43063, Stop: 42797, Start Num: 124
Candidate Starts for Niza_64:

(Start: 123 @43066 has 30 MA's), (Start: 124 @43063 has 109 MA's), (Start: 129 @43051 has 4 MA's), (Start: 176 @43030 has 7 MA's), (198, 42979), (202, 42964), (211, 42943), (220, 42913), (232, 42883), (273, 42808),

Gene: NoSleep_38 Start: 32874, Stop: 33119, Start Num: 171

Candidate Starts for NoSleep_38:

(Start: 171 @32874 has 120 MA's), (197, 32931), (208, 32964), (211, 32970), (230, 33024), (234, 33036),

Gene: Norz_62 Start: 43480, Stop: 43214, Start Num: 124

Candidate Starts for Norz_62:

(Start: 123 @43483 has 30 MA's), (Start: 124 @43480 has 109 MA's), (Start: 129 @43468 has 4 MA's), (Start: 176 @43447 has 7 MA's), (198, 43396), (202, 43381), (211, 43360), (220, 43330), (232, 43300),

Gene: NothingSpecial_56 Start: 38807, Stop: 38535, Start Num: 136

Candidate Starts for NothingSpecial_56:

(Start: 136 @38807 has 125 MA's), (Start: 178 @38786 has 1 MA's), (180, 38780), (193, 38744), (208, 38702), (212, 38693), (224, 38657), (234, 38627), (240, 38618), (245, 38615),

Gene: Nutello_55 Start: 40941, Stop: 41186, Start Num: 170

Candidate Starts for Nutello_55:

(Start: 108 @40869 has 4 MA's), (Start: 170 @40941 has 180 MA's), (213, 41046), (229, 41088), (253, 41124),

Gene: Oatly_9 Start: 6310, Stop: 5987, Start Num: 100

Candidate Starts for Oatly_9:

(38, 6478), (44, 6460), (54, 6427), (Start: 100 @6310 has 22 MA's), (135, 6259), (Start: 170 @6244 has 180 MA's), (Start: 191 @6196 has 6 MA's), (229, 6088), (260, 6040), (268, 6022),

Gene: ObiToo_36 Start: 25276, Stop: 25518, Start Num: 150

Candidate Starts for ObiToo_36:

(37, 25018), (50, 25054), (Start: 150 @25276 has 5 MA's),

Gene: Odette_52 Start: 43439, Stop: 43684, Start Num: 169

Candidate Starts for Odette_52:

(Start: 169 @43439 has 31 MA's), (198, 43502), (208, 43532), (210, 43535), (233, 43595), (234, 43598), (236, 43601),

Gene: Odin_56 Start: 37328, Stop: 37056, Start Num: 136

Candidate Starts for Odin_56:

(Start: 136 @37328 has 125 MA's), (180, 37301), (224, 37178), (228, 37166),

Gene: OhShagHennessy_30 Start: 27655, Stop: 27924, Start Num: 168

Candidate Starts for OhShagHennessy_30:

(Start: 168 @27655 has 64 MA's), (Start: 191 @27700 has 6 MA's), (232, 27808),

Gene: Ohno789_62 Start: 41791, Stop: 41525, Start Num: 124

Candidate Starts for Ohno789_62:

(Start: 124 @41791 has 109 MA's), (Start: 129 @41779 has 4 MA's), (148, 41764), (Start: 176 @41758 has 7 MA's), (198, 41707), (202, 41692), (211, 41671), (220, 41641), (232, 41611), (273, 41536),

Gene: OkiRoe_61 Start: 42847, Stop: 43095, Start Num: 170
Candidate Starts for OkiRoe_61:
(Start: 170 @42847 has 180 MA's), (199, 42910),

Gene: OlinDD_28 Start: 9180, Stop: 9434, Start Num: 174
Candidate Starts for OlinDD_28:
(138, 9132), (160, 9165), (Start: 174 @9180 has 82 MA's), (192, 9225), (205, 9261), (248, 9348),

Gene: Olliecat_34 Start: 24245, Stop: 24484, Start Num: 174
Candidate Starts for Olliecat_34:
(10, 23624), (32, 23930), (Start: 174 @24245 has 82 MA's),

Gene: Omega_56 Start: 45262, Stop: 45501, Start Num: 179
Candidate Starts for Omega_56:
(Start: 179 @45262 has 9 MA's), (188, 45289), (208, 45343), (210, 45346), (232, 45403), (256, 45439),

Gene: Omnicron_64 Start: 42953, Stop: 43201, Start Num: 170
Candidate Starts for Omnicron_64:
(Start: 170 @42953 has 180 MA's), (192, 42998),

Gene: Onglai_56 Start: 36566, Stop: 36294, Start Num: 136
Candidate Starts for Onglai_56:
(Start: 136 @36566 has 125 MA's), (Start: 170 @36557 has 180 MA's), (194, 36500), (207, 36464), (221, 36425), (230, 36398), (234, 36386),

Gene: Onyinye_53 Start: 39601, Stop: 39356, Start Num: 170
Candidate Starts for Onyinye_53:
(Start: 170 @39601 has 180 MA's), (198, 39541), (208, 39514), (220, 39475), (230, 39451), (232, 39445), (234, 39439), (249, 39415),

Gene: Oofda_65 Start: 37642, Stop: 37373, Start Num: 163
Candidate Starts for Oofda_65:
(Start: 163 @37642 has 20 MA's), (234, 37465),

Gene: Oogway_61 Start: 42078, Stop: 41827, Start Num: 161
Candidate Starts for Oogway_61:
(Start: 123 @42126 has 30 MA's), (Start: 124 @42123 has 109 MA's), (Start: 129 @42111 has 4 MA's), (Start: 161 @42078 has 1 MA's), (Start: 176 @42060 has 7 MA's), (198, 42009), (202, 41994), (211, 41973), (220, 41943), (232, 41913), (273, 41838),

Gene: Optimus_57 Start: 45133, Stop: 45381, Start Num: 169
Candidate Starts for Optimus_57:
(Start: 169 @45133 has 31 MA's), (223, 45265),

Gene: Orange_57 Start: 37335, Stop: 37063, Start Num: 136
Candidate Starts for Orange_57:
(Start: 136 @37335 has 125 MA's), (Start: 170 @37326 has 180 MA's), (234, 37155),

Gene: OrionPax_38 Start: 32880, Stop: 33125, Start Num: 171
Candidate Starts for OrionPax_38:
(Start: 171 @32880 has 120 MA's), (197, 32937), (208, 32970), (211, 32976), (230, 33030), (234, 33042),

Gene: Oscar_70 Start: 44198, Stop: 44425, Start Num: 170
Candidate Starts for Oscar_70:
(Start: 170 @44198 has 180 MA's), (216, 44315), (229, 44333),

Gene: PSullivan_60 Start: 39680, Stop: 39405, Start Num: 124
Candidate Starts for PSullivan_60:
(Start: 123 @39683 has 30 MA's), (Start: 124 @39680 has 109 MA's), (Start: 129 @39668 has 4 MA's), (Start: 176 @39638 has 7 MA's), (198, 39587), (202, 39572), (211, 39551), (220, 39521), (232, 39491),

Gene: PYPDinur_30 Start: 27624, Stop: 27842, Start Num: 191
Candidate Starts for PYPDinur_30:
(Start: 168 @27579 has 64 MA's), (Start: 191 @27624 has 6 MA's), (234, 27738),

Gene: Pabst_9 Start: 6171, Stop: 5848, Start Num: 100
Candidate Starts for Pabst_9:
(80, 6219), (Start: 100 @6171 has 22 MA's), (Start: 127 @6132 has 1 MA's), (135, 6120), (229, 5949), (252, 5916), (268, 5883), (281, 5865),

Gene: PackMan_57 Start: 38225, Stop: 37953, Start Num: 136
Candidate Starts for PackMan_57:
(Start: 136 @38225 has 125 MA's), (Start: 170 @38216 has 180 MA's), (194, 38159), (207, 38123), (221, 38084), (230, 38057), (234, 38045),

Gene: Padfoot_66 Start: 43819, Stop: 44061, Start Num: 170
Candidate Starts for Padfoot_66:
(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: Padpat_69 Start: 43939, Stop: 44181, Start Num: 170
Candidate Starts for Padpat_69:
(Start: 170 @43939 has 180 MA's), (209, 44029), (253, 44125), (262, 44149),

Gene: PainterBoy_59 Start: 38298, Stop: 38026, Start Num: 136
Candidate Starts for PainterBoy_59:
(97, 38367), (Start: 136 @38298 has 125 MA's), (Start: 170 @38289 has 180 MA's), (207, 38196), (224, 38148), (230, 38130), (234, 38118),

Gene: Palpatine_37 Start: 33149, Stop: 33394, Start Num: 171
Candidate Starts for Palpatine_37:
(Start: 171 @33149 has 120 MA's), (197, 33206), (208, 33239), (211, 33245), (230, 33299), (234, 33311),

Gene: Panchino_48 Start: 35810, Stop: 36058, Start Num: 149
Candidate Starts for Panchino_48:
(62, 35636), (Start: 100 @35732 has 22 MA's), (Start: 149 @35810 has 59 MA's), (Start: 173 @35822 has 5 MA's), (209, 35906), (232, 35972), (233, 35975),

Gene: Paola_60 Start: 42432, Stop: 42680, Start Num: 170
Candidate Starts for Paola_60:
(Start: 170 @42432 has 180 MA's), (202, 42507), (229, 42579),

Gene: Paperbeatsrock_39 Start: 34115, Stop: 34360, Start Num: 171

Candidate Starts for Paperbeatsrock_39:

(Start: 171 @34115 has 120 MA's), (197, 34172), (208, 34205), (211, 34211), (230, 34265), (234, 34277),

Gene: Papez_64 Start: 42624, Stop: 42355, Start Num: 123

Candidate Starts for Papez_64:

(Start: 123 @42624 has 30 MA's), (Start: 124 @42621 has 109 MA's), (Start: 129 @42609 has 4 MA's), (Start: 176 @42588 has 7 MA's), (198, 42537), (202, 42522), (211, 42501), (220, 42471), (232, 42441),

Gene: Papyrus_40 Start: 36054, Stop: 36299, Start Num: 166

Candidate Starts for Papyrus_40:

(137, 36012), (Start: 166 @36054 has 24 MA's), (180, 36075), (Start: 187 @36096 has 2 MA's), (197, 36120), (198, 36123), (238, 36222), (241, 36225), (244, 36228),

Gene: Paraselene_60 Start: 41399, Stop: 41133, Start Num: 124

Candidate Starts for Paraselene_60:

(Start: 123 @41402 has 30 MA's), (Start: 124 @41399 has 109 MA's), (Start: 129 @41387 has 4 MA's), (Start: 176 @41366 has 7 MA's), (198, 41315), (202, 41300), (211, 41279), (220, 41249), (232, 41219), (273, 41144),

Gene: Pari_65 Start: 40809, Stop: 40543, Start Num: 124

Candidate Starts for Pari_65:

(Start: 123 @40812 has 30 MA's), (Start: 124 @40809 has 109 MA's), (Start: 129 @40797 has 4 MA's), (148, 40782), (Start: 176 @40776 has 7 MA's), (198, 40725), (202, 40710), (211, 40689), (220, 40659), (232, 40629), (273, 40554),

Gene: Parmesanjohn_50 Start: 34925, Stop: 35173, Start Num: 149

Candidate Starts for Parmesanjohn_50:

(18, 34511), (51, 34718), (62, 34751), (Start: 100 @34847 has 22 MA's), (Start: 149 @34925 has 59 MA's), (Start: 173 @34937 has 5 MA's), (Start: 176 @34943 has 7 MA's), (209, 35021), (232, 35087), (233, 35090),

Gene: PascalRango_60 Start: 40921, Stop: 40646, Start Num: 124

Candidate Starts for PascalRango_60:

(Start: 123 @40924 has 30 MA's), (Start: 124 @40921 has 109 MA's), (Start: 129 @40909 has 4 MA's), (Start: 176 @40879 has 7 MA's), (198, 40828), (202, 40813), (211, 40792), (220, 40762), (232, 40732),

Gene: Pat3_36 Start: 31861, Stop: 32106, Start Num: 171

Candidate Starts for Pat3_36:

(Start: 171 @31861 has 120 MA's), (197, 31918), (208, 31951), (211, 31957), (228, 32005), (230, 32011), (234, 32023),

Gene: Patbob_109 Start: 87222, Stop: 87470, Start Num: 171

Candidate Starts for Patbob_109:

(Start: 171 @87222 has 120 MA's), (Start: 175 @87228 has 1 MA's), (180, 87234),

Gene: PattyP_64 Start: 42323, Stop: 42045, Start Num: 123

Candidate Starts for PattyP_64:

(Start: 123 @42323 has 30 MA's), (Start: 124 @42320 has 109 MA's), (Start: 129 @42308 has 4 MA's), (Start: 176 @42278 has 7 MA's), (198, 42227), (202, 42212), (211, 42191), (220, 42161), (232, 42131),

Gene: PauloDiaboli_218 Start: 116530, Stop: 116276, Start Num: 167
Candidate Starts for PauloDiaboli_218:
(Start: 167 @116530 has 15 MA's), (214, 116416), (227, 116389),

Gene: PauloDiaboli_20 Start: 7036, Stop: 7266, Start Num: 176
Candidate Starts for PauloDiaboli_20:
(Start: 176 @7036 has 7 MA's), (202, 7108), (220, 7150), (265, 7237), (271, 7255),

Gene: PauloDiaboli_375 Start: 183665, Stop: 183895, Start Num: 176
Candidate Starts for PauloDiaboli_375:
(Start: 176 @183665 has 7 MA's), (202, 183737), (220, 183779), (265, 183866), (271, 183884),

Gene: Pavlo_29 Start: 9536, Stop: 9784, Start Num: 174
Candidate Starts for Pavlo_29:
(Start: 142 @9497 has 1 MA's), (Start: 174 @9536 has 82 MA's), (192, 9581), (205, 9617), (278, 9764),

Gene: Payneful_60 Start: 40589, Stop: 40314, Start Num: 124
Candidate Starts for Payneful_60:
(Start: 123 @40592 has 30 MA's), (Start: 124 @40589 has 109 MA's), (Start: 129 @40577 has 4 MA's), (Start: 176 @40547 has 7 MA's), (198, 40496), (202, 40481), (211, 40460), (216, 40439), (220, 40430), (232, 40400),

Gene: Peanam_69 Start: 44141, Stop: 44380, Start Num: 170
Candidate Starts for Peanam_69:
(Start: 170 @44141 has 180 MA's), (209, 44231), (220, 44267), (228, 44285), (262, 44348),

Gene: Peel_66 Start: 43624, Stop: 43866, Start Num: 170
Candidate Starts for Peel_66:
(Start: 170 @43624 has 180 MA's), (209, 43714), (253, 43810), (262, 43834),

Gene: PegLeg_39 Start: 32761, Stop: 33039, Start Num: 152
Candidate Starts for PegLeg_39:
(89, 32650), (Start: 152 @32761 has 11 MA's), (Start: 166 @32779 has 24 MA's), (198, 32842), (229, 32929), (232, 32938), (236, 32947),

Gene: Pelly_63 Start: 43135, Stop: 42869, Start Num: 124
Candidate Starts for Pelly_63:
(Start: 123 @43138 has 30 MA's), (Start: 124 @43135 has 109 MA's), (Start: 129 @43123 has 4 MA's), (Start: 176 @43102 has 7 MA's), (198, 43051), (202, 43036), (211, 43015), (220, 42985), (232, 42955), (273, 42880),

Gene: Pepe_60 Start: 40251, Stop: 39985, Start Num: 124
Candidate Starts for Pepe_60:
(Start: 123 @40254 has 30 MA's), (Start: 124 @40251 has 109 MA's), (Start: 129 @40239 has 4 MA's), (148, 40224), (Start: 176 @40218 has 7 MA's), (198, 40167), (202, 40152), (220, 40101), (232, 40071),

Gene: Percival_43 Start: 28266, Stop: 28523, Start Num: 151
Candidate Starts for Percival_43:
(79, 28155), (81, 28158), (Start: 151 @28266 has 16 MA's), (192, 28320), (236, 28446), (243, 28458), (248, 28470),

Gene: Perseus_61 Start: 42872, Stop: 42606, Start Num: 124

Candidate Starts for Perseus_61:

(Start: 123 @42875 has 30 MA's), (Start: 124 @42872 has 109 MA's), (Start: 129 @42860 has 4 MA's), (Start: 176 @42839 has 7 MA's), (198, 42788), (202, 42773), (211, 42752), (220, 42722), (232, 42692),

Gene: Petersenfast_56 Start: 37334, Stop: 37062, Start Num: 136

Candidate Starts for Petersenfast_56:

(Start: 136 @37334 has 125 MA's), (Start: 170 @37325 has 180 MA's), (234, 37154),

Gene: Peterson_66 Start: 43632, Stop: 43366, Start Num: 124

Candidate Starts for Peterson_66:

(Start: 124 @43632 has 109 MA's), (Start: 129 @43620 has 4 MA's), (Start: 176 @43599 has 7 MA's), (198, 43548), (202, 43533), (211, 43512), (220, 43482), (232, 43452), (273, 43377),

Gene: Petra64142_39 Start: 33595, Stop: 33840, Start Num: 171

Candidate Starts for Petra64142_39:

(Start: 171 @33595 has 120 MA's), (197, 33652), (208, 33685), (211, 33691), (230, 33745), (234, 33757),

Gene: Petruccio_62 Start: 40710, Stop: 40435, Start Num: 124

Candidate Starts for Petruccio_62:

(Start: 123 @40713 has 30 MA's), (Start: 124 @40710 has 109 MA's), (Start: 129 @40698 has 4 MA's), (Start: 176 @40668 has 7 MA's), (198, 40617), (202, 40602), (211, 40581), (220, 40551), (232, 40521), (273, 40446),

Gene: Ph8s_59 Start: 37685, Stop: 37413, Start Num: 136

Candidate Starts for Ph8s_59:

(Start: 136 @37685 has 125 MA's), (193, 37622), (211, 37574), (224, 37535), (228, 37523), (234, 37505),

Gene: Phabba_83 Start: 30849, Stop: 31100, Start Num: 174

Candidate Starts for Phabba_83:

(Start: 174 @30849 has 82 MA's), (192, 30894), (221, 30975),

Gene: Phaeder_58 Start: 38225, Stop: 37953, Start Num: 136

Candidate Starts for Phaeder_58:

(Start: 136 @38225 has 125 MA's), (Start: 170 @38216 has 180 MA's), (194, 38159), (207, 38123), (221, 38084), (230, 38057), (234, 38045),

Gene: PhancyPhin_55 Start: 36169, Stop: 36417, Start Num: 149

Candidate Starts for PhancyPhin_55:

(Start: 149 @36169 has 59 MA's), (Start: 173 @36181 has 5 MA's), (232, 36331), (233, 36334), (273, 36409),

Gene: Pharaoh_53 Start: 38271, Stop: 37999, Start Num: 136

Candidate Starts for Pharaoh_53:

(47, 38472), (Start: 136 @38271 has 125 MA's), (Start: 170 @38262 has 180 MA's), (Start: 178 @38250 has 1 MA's), (193, 38208), (207, 38169), (224, 38121), (230, 38103), (234, 38091), (240, 38082),

Gene: Pharb_67 Start: 43448, Stop: 43690, Start Num: 170

Candidate Starts for Pharb_67:

(Start: 170 @43448 has 180 MA's), (Start: 187 @43481 has 2 MA's), (209, 43538), (233, 43610),

Gene: Pharky_9 Start: 6092, Stop: 5736, Start Num: 101

Candidate Starts for Pharky_9:

(Start: 101 @6092 has 19 MA's), (Start: 127 @6053 has 1 MA's), (137, 6038), (201, 5951), (203, 5942), (247, 5834), (254, 5825), (268, 5786),

Gene: Pharsalus_38 Start: 33915, Stop: 34160, Start Num: 171

Candidate Starts for Pharsalus_38:

(Start: 171 @33915 has 120 MA's), (197, 33972), (208, 34005), (211, 34011), (230, 34065), (234, 34077),

Gene: PhatBacter_37 Start: 33163, Stop: 33408, Start Num: 171

Candidate Starts for PhatBacter_37:

(Start: 171 @33163 has 120 MA's), (197, 33220), (208, 33253), (211, 33259), (230, 33313), (234, 33325),

Gene: Phaux_36 Start: 33161, Stop: 33406, Start Num: 171

Candidate Starts for Phaux_36:

(Start: 171 @33161 has 120 MA's), (197, 33218), (208, 33251), (211, 33257), (230, 33311), (234, 33323),

Gene: Phedro_9 Start: 6092, Stop: 5736, Start Num: 101

Candidate Starts for Phedro_9:

(Start: 101 @6092 has 19 MA's), (Start: 127 @6053 has 1 MA's), (137, 6038), (201, 5951), (203, 5942), (247, 5834), (254, 5825), (268, 5786),

Gene: PhelpsODU_68 Start: 43391, Stop: 43630, Start Num: 170

Candidate Starts for PhelpsODU_68:

(Start: 170 @43391 has 180 MA's), (Start: 176 @43400 has 7 MA's), (209, 43481), (233, 43550),

Gene: PherrisBueller_61 Start: 39865, Stop: 39599, Start Num: 124

Candidate Starts for PherrisBueller_61:

(Start: 124 @39865 has 109 MA's), (Start: 129 @39853 has 4 MA's), (148, 39838), (Start: 176 @39832 has 7 MA's), (198, 39781), (202, 39766), (211, 39745), (220, 39715), (232, 39685), (273, 39610),

Gene: PhillyPhilly_30 Start: 9402, Stop: 9689, Start Num: 142

Candidate Starts for PhillyPhilly_30:

(Start: 142 @9402 has 1 MA's), (Start: 174 @9441 has 82 MA's), (192, 9486), (205, 9522), (278, 9669),

Gene: Phisb_37 Start: 25535, Stop: 25777, Start Num: 174

Candidate Starts for Phisb_37:

(94, 25406), (103, 25427), (109, 25439), (111, 25442), (117, 25451), (119, 25454), (Start: 166 @25526 has 24 MA's), (Start: 174 @25535 has 82 MA's), (231, 25676),

Gene: Phives_35 Start: 26643, Stop: 26906, Start Num: 149

Candidate Starts for Phives_35:

(37, 26406), (41, 26415), (Start: 149 @26643 has 59 MA's),

Gene: Phlei_47 Start: 37907, Stop: 37635, Start Num: 136

Candidate Starts for Phlei_47:

(Start: 136 @37907 has 125 MA's), (Start: 170 @37898 has 180 MA's), (211, 37796), (224, 37757), (225, 37754), (268, 37673),

Gene: Phloss_48 Start: 34332, Stop: 34580, Start Num: 149

Candidate Starts for Phloss_48:

(18, 33918), (51, 34125), (62, 34158), (Start: 100 @34254 has 22 MA's), (Start: 149 @34332 has 59 MA's), (Start: 173 @34344 has 5 MA's), (Start: 176 @34350 has 7 MA's), (209, 34428), (232, 34494), (233, 34497),

Gene: Phoebus_51 Start: 44419, Stop: 44667, Start Num: 169

Candidate Starts for Phoebus_51:

(Start: 169 @44419 has 31 MA's), (223, 44551),

Gene: Phogo_9 Start: 6365, Stop: 6045, Start Num: 100

Candidate Starts for Phogo_9:

(61, 6455), (Start: 100 @6365 has 22 MA's), (135, 6314), (Start: 170 @6299 has 180 MA's), (Start: 191 @6251 has 6 MA's), (252, 6110),

Gene: Phonnegut_58 Start: 38322, Stop: 38050, Start Num: 136

Candidate Starts for Phonnegut_58:

(Start: 136 @38322 has 125 MA's), (Start: 170 @38313 has 180 MA's), (194, 38256), (207, 38220), (221, 38181), (230, 38154), (234, 38142),

Gene: Phractured_9 Start: 6092, Stop: 5736, Start Num: 101

Candidate Starts for Phractured_9:

(Start: 101 @6092 has 19 MA's), (Start: 127 @6053 has 1 MA's), (137, 6038), (201, 5951), (203, 5942), (247, 5834), (254, 5825), (268, 5786),

Gene: Phrampa_103 Start: 88629, Stop: 88877, Start Num: 171

Candidate Starts for Phrampa_103:

(Start: 171 @88629 has 120 MA's), (Start: 175 @88635 has 1 MA's), (180, 88641), (228, 88773),

Gene: Phrank_70 Start: 43454, Stop: 43693, Start Num: 170

Candidate Starts for Phrank_70:

(112, 43370), (Start: 170 @43454 has 180 MA's), (Start: 176 @43463 has 7 MA's), (209, 43544), (228, 43598),

Gene: Phrann_52 Start: 36452, Stop: 36700, Start Num: 149

Candidate Starts for Phrann_52:

(Start: 149 @36452 has 59 MA's), (Start: 173 @36464 has 5 MA's), (232, 36614), (233, 36617), (273, 36692),

Gene: PhriedRice_9 Start: 6092, Stop: 5736, Start Num: 101

Candidate Starts for PhriedRice_9:

(Start: 101 @6092 has 19 MA's), (Start: 127 @6053 has 1 MA's), (137, 6038), (203, 5942), (247, 5834), (254, 5825), (268, 5786),

Gene: PhrostyMug_62 Start: 42644, Stop: 42375, Start Num: 123

Candidate Starts for PhrostyMug_62:

(Start: 123 @42644 has 30 MA's), (Start: 124 @42641 has 109 MA's), (Start: 129 @42629 has 4 MA's), (Start: 176 @42608 has 7 MA's), (198, 42557), (202, 42542), (211, 42521), (220, 42491), (232, 42461),

Gene: Phrux_37 Start: 32876, Stop: 33121, Start Num: 171

Candidate Starts for Phrux_37:

(Start: 171 @32876 has 120 MA's), (197, 32933), (208, 32966), (211, 32972), (230, 33026), (234, 33038),

Gene: Piatt_66 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for Piatt_66:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: PineapplePluto_10 Start: 6454, Stop: 6131, Start Num: 100

Candidate Starts for PineapplePluto_10:

(38, 6622), (54, 6571), (Start: 100 @6454 has 22 MA's), (135, 6403), (Start: 170 @6388 has 180 MA's), (Start: 191 @6340 has 6 MA's), (229, 6232), (260, 6184), (268, 6166),

Gene: PinkPlastic_62 Start: 41194, Stop: 40919, Start Num: 124

Candidate Starts for PinkPlastic_62:

(Start: 123 @41197 has 30 MA's), (Start: 124 @41194 has 109 MA's), (Start: 129 @41182 has 4 MA's), (Start: 176 @41152 has 7 MA's), (198, 41101), (202, 41086), (211, 41065), (220, 41035), (232, 41005), (273, 40930),

Gene: Pinto_62 Start: 40971, Stop: 40705, Start Num: 122

Candidate Starts for Pinto_62:

(Start: 122 @40971 has 6 MA's), (Start: 129 @40959 has 4 MA's), (Start: 176 @40938 has 7 MA's), (198, 40887), (202, 40872), (211, 40851), (220, 40821), (232, 40791), (273, 40716),

Gene: Pioneer_58 Start: 38322, Stop: 38050, Start Num: 136

Candidate Starts for Pioneer_58:

(Start: 136 @38322 has 125 MA's), (Start: 170 @38313 has 180 MA's), (194, 38256), (207, 38220), (221, 38181), (230, 38154), (234, 38142),

Gene: Pioneer3_28 Start: 9179, Stop: 9433, Start Num: 174

Candidate Starts for Pioneer3_28:

(138, 9131), (160, 9164), (Start: 174 @9179 has 82 MA's), (192, 9224), (205, 9260), (248, 9347),

Gene: Pippin_62 Start: 40576, Stop: 40307, Start Num: 123

Candidate Starts for Pippin_62:

(Start: 123 @40576 has 30 MA's), (Start: 124 @40573 has 109 MA's), (Start: 129 @40561 has 4 MA's), (Start: 176 @40540 has 7 MA's), (198, 40489), (202, 40474), (211, 40453), (220, 40423), (232, 40393),

Gene: Pippin15_52 Start: 34099, Stop: 34347, Start Num: 155

Candidate Starts for Pippin15_52:

(155, 34099), (Start: 176 @34114 has 7 MA's), (209, 34198), (232, 34258), (233, 34261), (236, 34267), (275, 34336),

Gene: Pipsqueaks_50 Start: 34902, Stop: 35150, Start Num: 149

Candidate Starts for Pipsqueaks_50:

(18, 34488), (51, 34695), (62, 34728), (Start: 100 @34824 has 22 MA's), (Start: 149 @34902 has 59 MA's), (Start: 173 @34914 has 5 MA's), (Start: 176 @34920 has 7 MA's), (209, 34998), (232, 35064), (233, 35067),

Gene: Pita2_63 Start: 41180, Stop: 40902, Start Num: 123

Candidate Starts for Pita2_63:

(Start: 123 @41180 has 30 MA's), (Start: 124 @41177 has 109 MA's), (Start: 129 @41165 has 4 MA's), (Start: 176 @41135 has 7 MA's), (198, 41084), (202, 41069), (211, 41048), (220, 41018), (232, 40988),

Gene: Pitbull_58 Start: 33370, Stop: 33633, Start Num: 170

Candidate Starts for Pitbull_58:

(Start: 122 @33298 has 6 MA's), (Start: 170 @33370 has 180 MA's), (229, 33526), (231, 33532), (234, 33541), (265, 33598),

Gene: Pixelle_33 Start: 26398, Stop: 26640, Start Num: 150

Candidate Starts for Pixelle_33:

(Start: 150 @26398 has 5 MA's),

Gene: Pixie_67 Start: 43623, Stop: 43865, Start Num: 170

Candidate Starts for Pixie_67:

(Start: 170 @43623 has 180 MA's), (Start: 187 @43656 has 2 MA's), (209, 43713), (216, 43740), (229, 43773), (233, 43785),

Gene: Platte_28 Start: 8949, Stop: 9203, Start Num: 174

Candidate Starts for Platte_28:

(138, 8901), (160, 8934), (Start: 174 @8949 has 82 MA's), (192, 8994), (205, 9030), (248, 9117),

Gene: Pokerus_66 Start: 43964, Stop: 44206, Start Num: 170

Candidate Starts for Pokerus_66:

(Start: 170 @43964 has 180 MA's), (209, 44054), (253, 44150), (262, 44174),

Gene: Policronamos_38 Start: 33161, Stop: 33406, Start Num: 171

Candidate Starts for Policronamos_38:

(Start: 171 @33161 has 120 MA's), (197, 33218), (208, 33251), (211, 33257), (230, 33311), (234, 33323),

Gene: Pollywog_85 Start: 50811, Stop: 51077, Start Num: 122

Candidate Starts for Pollywog_85:

(Start: 122 @50811 has 6 MA's), (Start: 129 @50823 has 4 MA's), (Start: 176 @50844 has 7 MA's), (198, 50895), (202, 50910), (211, 50931), (216, 50952), (220, 50961), (232, 50991), (273, 51066),

Gene: Pomar16_60 Start: 38309, Stop: 38037, Start Num: 136

Candidate Starts for Pomar16_60:

(Start: 136 @38309 has 125 MA's), (Start: 170 @38300 has 180 MA's), (207, 38207), (234, 38129), (268, 38075),

Gene: Porcelain_50 Start: 40623, Stop: 40862, Start Num: 179

Candidate Starts for Porcelain_50:

(Start: 179 @40623 has 9 MA's), (188, 40650), (208, 40704), (210, 40707), (232, 40764), (256, 40800),

Gene: Porky_37 Start: 32972, Stop: 33217, Start Num: 171

Candidate Starts for Porky_37:

(Start: 171 @32972 has 120 MA's), (197, 33029), (208, 33062), (211, 33068), (230, 33122), (234, 33134),

Gene: Pound_54 Start: 45996, Stop: 46244, Start Num: 169

Candidate Starts for Pound_54:
(Start: 169 @45996 has 31 MA's), (223, 46128),

Gene: Power_57 Start: 38477, Stop: 38205, Start Num: 136
Candidate Starts for Power_57:
(Start: 136 @38477 has 125 MA's), (Start: 170 @38468 has 180 MA's), (Start: 178 @38456 has 1 MA's), (180, 38450), (224, 38327),

Gene: Powerpuff_35 Start: 25868, Stop: 26110, Start Num: 149
Candidate Starts for Powerpuff_35:
(Start: 149 @25868 has 59 MA's), (233, 26027),

Gene: Prithvi_68 Start: 44110, Stop: 44352, Start Num: 170
Candidate Starts for Prithvi_68:
(Start: 170 @44110 has 180 MA's), (209, 44200), (253, 44296),

Gene: Priya_58 Start: 38292, Stop: 38020, Start Num: 136
Candidate Starts for Priya_58:
(Start: 136 @38292 has 125 MA's), (Start: 170 @38283 has 180 MA's), (194, 38226), (207, 38190), (221, 38151), (230, 38124), (234, 38112),

Gene: Psycho_60 Start: 41080, Stop: 41328, Start Num: 170
Candidate Starts for Psycho_60:
(Start: 170 @41080 has 180 MA's), (202, 41155), (229, 41227),

Gene: Pumpernickel_201 Start: 115898, Stop: 115641, Start Num: 167
Candidate Starts for Pumpernickel_201:
(Start: 167 @115898 has 15 MA's), (227, 115754), (233, 115739),

Gene: Pumpkin_39 Start: 33212, Stop: 33457, Start Num: 171
Candidate Starts for Pumpkin_39:
(Start: 171 @33212 has 120 MA's), (197, 33269), (208, 33302), (211, 33308), (230, 33362), (234, 33374),

Gene: Pumpkins_33 Start: 25496, Stop: 25762, Start Num: 149
Candidate Starts for Pumpkins_33:
(Start: 149 @25496 has 59 MA's), (233, 25679),

Gene: Purgamenstris_55 Start: 36173, Stop: 36421, Start Num: 149
Candidate Starts for Purgamenstris_55:
(Start: 149 @36173 has 59 MA's), (Start: 173 @36185 has 5 MA's), (232, 36335), (233, 36338), (273, 36413),

Gene: QMacho_38 Start: 25959, Stop: 26201, Start Num: 174
Candidate Starts for QMacho_38:
(Start: 174 @25959 has 82 MA's), (285, 26193),

Gene: QTRlifeCrisis_62 Start: 41518, Stop: 41243, Start Num: 124
Candidate Starts for QTRlifeCrisis_62:
(Start: 123 @41521 has 30 MA's), (Start: 124 @41518 has 109 MA's), (Start: 129 @41506 has 4 MA's), (Start: 176 @41476 has 7 MA's), (198, 41425), (202, 41410), (211, 41389), (220, 41359), (232, 41329),

Gene: Qobbit_58 Start: 38254, Stop: 37982, Start Num: 136

Candidate Starts for Qobbit_58:

(Start: 136 @38254 has 125 MA's), (Start: 170 @38245 has 180 MA's), (194, 38188), (207, 38152), (221, 38113), (230, 38086), (234, 38074),

Gene: Quallification_38 Start: 33341, Stop: 33586, Start Num: 171

Candidate Starts for Quallification_38:

(Start: 171 @33341 has 120 MA's), (197, 33398), (208, 33431), (211, 33437), (230, 33491), (234, 33503),

Gene: Quby_30 Start: 27518, Stop: 27736, Start Num: 191

Candidate Starts for Quby_30:

(Start: 168 @27473 has 64 MA's), (Start: 191 @27518 has 6 MA's), (208, 27566), (234, 27632),

Gene: QueenB2_57 Start: 38455, Stop: 38183, Start Num: 136

Candidate Starts for QueenB2_57:

(Start: 136 @38455 has 125 MA's), (Start: 170 @38446 has 180 MA's), (Start: 178 @38434 has 1 MA's), (180, 38428), (224, 38305), (234, 38275),

Gene: QueenBeesly_58 Start: 38424, Stop: 38152, Start Num: 136

Candidate Starts for QueenBeesly_58:

(Start: 136 @38424 has 125 MA's), (Start: 170 @38415 has 180 MA's), (Start: 178 @38403 has 1 MA's), (180, 38397), (224, 38274),

Gene: Quenya_35 Start: 25660, Stop: 25890, Start Num: 174

Candidate Starts for Quenya_35:

(22, 25243), (33, 25348), (53, 25423), (60, 25447), (75, 25486), (86, 25513), (87, 25516), (88, 25519), (117, 25576), (119, 25579), (Start: 123 @25585 has 30 MA's), (Start: 166 @25651 has 24 MA's), (Start: 174 @25660 has 82 MA's), (208, 25747), (231, 25801), (268, 25852), (285, 25882),

Gene: QuincyRose_64 Start: 43845, Stop: 44087, Start Num: 170

Candidate Starts for QuincyRose_64:

(Start: 170 @43845 has 180 MA's), (209, 43935), (253, 44031), (262, 44055),

Gene: Quokka_56 Start: 37421, Stop: 37149, Start Num: 136

Candidate Starts for Quokka_56:

(Start: 136 @37421 has 125 MA's), (Start: 178 @37400 has 1 MA's), (180, 37394), (224, 37271), (228, 37259),

Gene: Racecar_109 Start: 87140, Stop: 87388, Start Num: 171

Candidate Starts for Racecar_109:

(Start: 171 @87140 has 120 MA's), (Start: 175 @87146 has 1 MA's), (180, 87152),

Gene: Rachaly_57 Start: 38723, Stop: 38451, Start Num: 136

Candidate Starts for Rachaly_57:

(Start: 136 @38723 has 125 MA's), (180, 38696), (224, 38573), (234, 38543),

Gene: Rahalelujah_58 Start: 37998, Stop: 37726, Start Num: 136

Candidate Starts for Rahalelujah_58:

(Start: 136 @37998 has 125 MA's), (Start: 170 @37989 has 180 MA's), (194, 37932), (207, 37896), (224, 37848),

Gene: Rajelicia_62 Start: 42806, Stop: 42531, Start Num: 124

Candidate Starts for Rajelicia_62:

(Start: 123 @42809 has 30 MA's), (Start: 124 @42806 has 109 MA's), (Start: 129 @42794 has 4 MA's), (Start: 176 @42764 has 7 MA's), (198, 42713), (202, 42698), (211, 42677), (220, 42647), (232, 42617),

Gene: Rakim_38 Start: 33241, Stop: 33486, Start Num: 171

Candidate Starts for Rakim_38:

(Start: 171 @33241 has 120 MA's), (197, 33298), (208, 33331), (211, 33337), (230, 33391), (234, 33403),

Gene: Ramen_67 Start: 43469, Stop: 43711, Start Num: 170

Candidate Starts for Ramen_67:

(Start: 170 @43469 has 180 MA's), (209, 43559), (253, 43655), (262, 43679),

Gene: Rando14_62 Start: 40667, Stop: 40915, Start Num: 170

Candidate Starts for Rando14_62:

(Start: 170 @40667 has 180 MA's),

Gene: Rapunzel97_68 Start: 43920, Stop: 44162, Start Num: 170

Candidate Starts for Rapunzel97_68:

(Start: 170 @43920 has 180 MA's), (209, 44010), (253, 44106), (262, 44130),

Gene: Raymond7_49 Start: 35961, Stop: 36209, Start Num: 149

Candidate Starts for Raymond7_49:

(Start: 149 @35961 has 59 MA's), (Start: 173 @35973 has 5 MA's), (232, 36123), (233, 36126), (273, 36201),

Gene: ReMo_62 Start: 37440, Stop: 37171, Start Num: 163

Candidate Starts for ReMo_62:

(14, 37884), (17, 37860), (25, 37782), (Start: 163 @37440 has 20 MA's), (234, 37263),

Gene: Redi_55 Start: 36172, Stop: 36420, Start Num: 149

Candidate Starts for Redi_55:

(Start: 149 @36172 has 59 MA's), (Start: 173 @36184 has 5 MA's), (232, 36334), (233, 36337), (273, 36412),

Gene: Redno2_50 Start: 41183, Stop: 41428, Start Num: 169

Candidate Starts for Redno2_50:

(Start: 169 @41183 has 31 MA's), (198, 41246), (208, 41276), (210, 41279), (233, 41339), (234, 41342), (236, 41345),

Gene: Reedo_32 Start: 23099, Stop: 23341, Start Num: 154

Candidate Starts for Reedo_32:

(28, 22766), (43, 22862), (48, 22871), (70, 22946), (Start: 154 @23099 has 1 MA's),

Gene: Refuge_56 Start: 39539, Stop: 39267, Start Num: 136

Candidate Starts for Refuge_56:

(114, 39569), (Start: 136 @39539 has 125 MA's), (207, 39437), (224, 39389), (230, 39371), (234, 39359),

Gene: Reindeer_39 Start: 33229, Stop: 33507, Start Num: 152

Candidate Starts for Reindeer_39:

(Start: 152 @33229 has 11 MA's), (Start: 166 @33247 has 24 MA's), (198, 33310), (202, 33325), (229, 33397), (232, 33406), (233, 33409), (236, 33415),

Gene: Remus_64 Start: 37446, Stop: 37177, Start Num: 163

Candidate Starts for Remus_64:

(14, 37890), (17, 37866), (25, 37788), (Start: 163 @37446 has 20 MA's), (234, 37269),

Gene: Retro23_59 Start: 38669, Stop: 38397, Start Num: 136

Candidate Starts for Retro23_59:

(Start: 136 @38669 has 125 MA's), (Start: 170 @38660 has 180 MA's), (Start: 178 @38648 has 1 MA's), (180, 38642), (224, 38519), (234, 38489),

Gene: Rey_44 Start: 34155, Stop: 34406, Start Num: 165

Candidate Starts for Rey_44:

(Start: 165 @34155 has 1 MA's), (209, 34248), (227, 34299), (228, 34302), (232, 34314),

Gene: Rhynn_60 Start: 40743, Stop: 40474, Start Num: 123

Candidate Starts for Rhynn_60:

(74, 40845), (75, 40842), (94, 40797), (Start: 101 @40779 has 19 MA's), (Start: 123 @40743 has 30 MA's), (Start: 124 @40740 has 109 MA's), (Start: 129 @40728 has 4 MA's), (Start: 176 @40707 has 7 MA's), (198, 40656), (202, 40641), (211, 40620), (220, 40590), (232, 40560),

Gene: Richo_69 Start: 44123, Stop: 44362, Start Num: 170

Candidate Starts for Richo_69:

(Start: 170 @44123 has 180 MA's), (209, 44213), (220, 44249), (228, 44267), (262, 44330),

Gene: RicoCaldo_9 Start: 6122, Stop: 5766, Start Num: 101

Candidate Starts for RicoCaldo_9:

(Start: 101 @6122 has 19 MA's), (Start: 127 @6083 has 1 MA's), (137, 6068), (203, 5972), (218, 5930), (247, 5864), (254, 5855), (268, 5816),

Gene: RidgeCB_61 Start: 40947, Stop: 40681, Start Num: 122

Candidate Starts for RidgeCB_61:

(Start: 122 @40947 has 6 MA's), (Start: 129 @40935 has 4 MA's), (Start: 176 @40914 has 7 MA's), (198, 40863), (202, 40848), (211, 40827), (220, 40797), (232, 40767),

Gene: Rimmer_36 Start: 32701, Stop: 32946, Start Num: 171

Candidate Starts for Rimmer_36:

(Start: 171 @32701 has 120 MA's), (197, 32758), (208, 32791), (211, 32797), (230, 32851), (234, 32863),

Gene: Ringer_62 Start: 42252, Stop: 42001, Start Num: 139

Candidate Starts for Ringer_62:

(82, 42357), (Start: 139 @42252 has 4 MA's), (198, 42183), (202, 42168), (211, 42147), (220, 42117), (232, 42087), (273, 42012),

Gene: Riparian_40 Start: 35856, Stop: 36101, Start Num: 166

Candidate Starts for Riparian_40:

(137, 35814), (Start: 166 @35856 has 24 MA's), (180, 35877), (Start: 187 @35898 has 2 MA's), (197, 35922), (198, 35925), (238, 36024), (241, 36027), (244, 36030),

Gene: RiverMonster_37 Start: 32890, Stop: 33135, Start Num: 171

Candidate Starts for RiverMonster_37:

(Start: 171 @32890 has 120 MA's), (197, 32947), (208, 32980), (211, 32986), (230, 33040), (234, 33052),

Gene: Rollins_33 Start: 23463, Stop: 23702, Start Num: 166

Candidate Starts for Rollins_33:

(49, 23220), (58, 23250), (Start: 166 @23463 has 24 MA's), (Start: 174 @23472 has 82 MA's), (208, 23559), (268, 23664), (285, 23694),

Gene: Roman_30 Start: 9436, Stop: 9684, Start Num: 174

Candidate Starts for Roman_30:

(Start: 142 @9397 has 1 MA's), (Start: 174 @9436 has 82 MA's), (192, 9481), (205, 9517), (278, 9664),

Gene: Rona_34 Start: 25980, Stop: 26210, Start Num: 174

Candidate Starts for Rona_34:

(21, 25560), (29, 25623), (30, 25641), (31, 25662), (34, 25671), (39, 25695), (45, 25713), (48, 25719), (55, 25746), (56, 25749), (62, 25770), (63, 25773), (78, 25812), (84, 25827), (90, 25842), (94, 25851), (98, 25860), (Start: 100 @25866 has 22 MA's), (105, 25875), (111, 25887), (115, 25893), (Start: 166 @25971 has 24 MA's), (Start: 174 @25980 has 82 MA's), (202, 26052), (208, 26067), (268, 26172), (285, 26202),

Gene: Ronaldo_118 Start: 57046, Stop: 57285, Start Num: 177

Candidate Starts for Ronaldo_118:

(Start: 177 @57046 has 6 MA's), (222, 57169), (257, 57241), (258, 57244),

Gene: Rope_40 Start: 36036, Stop: 36281, Start Num: 166

Candidate Starts for Rope_40:

(137, 35994), (Start: 166 @36036 has 24 MA's), (180, 36057), (Start: 187 @36078 has 2 MA's), (197, 36102), (198, 36105), (238, 36204), (241, 36207), (244, 36210),

Gene: Rosalind_62 Start: 37598, Stop: 37329, Start Num: 163

Candidate Starts for Rosalind_62:

(14, 38042), (17, 38018), (25, 37940), (Start: 163 @37598 has 20 MA's), (234, 37421),

Gene: Rose5_30 Start: 27690, Stop: 27959, Start Num: 168

Candidate Starts for Rose5_30:

(Start: 168 @27690 has 64 MA's), (Start: 191 @27735 has 6 MA's), (232, 27843),

Gene: Rosmarinus_66 Start: 43610, Stop: 43852, Start Num: 170

Candidate Starts for Rosmarinus_66:

(Start: 170 @43610 has 180 MA's), (209, 43700), (253, 43796), (262, 43820),

Gene: Rubeelu_53 Start: 35513, Stop: 35761, Start Num: 149

Candidate Starts for Rubeelu_53:

(62, 35339), (Start: 100 @35435 has 22 MA's), (Start: 149 @35513 has 59 MA's), (Start: 173 @35525 has 5 MA's), (209, 35609), (232, 35675), (233, 35678),

Gene: Rubeus_60 Start: 38752, Stop: 38498, Start Num: 129

Candidate Starts for Rubeus_60:

(Start: 122 @38764 has 6 MA's), (Start: 129 @38752 has 4 MA's), (Start: 176 @38731 has 7 MA's), (198, 38680), (202, 38665), (211, 38644), (220, 38614), (232, 38584), (273, 38509),

Gene: Rufus_63 Start: 41448, Stop: 41182, Start Num: 122

Candidate Starts for Rufus_63:

(Start: 122 @41448 has 6 MA's), (Start: 129 @41436 has 4 MA's), (Start: 176 @41415 has 7 MA's), (198, 41364), (202, 41349), (211, 41328), (220, 41298), (232, 41268), (273, 41193),

Gene: Rumpelstiltskin_32 Start: 28735, Stop: 28956, Start Num: 191

Candidate Starts for Rumpelstiltskin_32:

(Start: 168 @28690 has 64 MA's), (Start: 191 @28735 has 6 MA's), (210, 28786), (236, 28852), (273, 28924), (283, 28945),

Gene: RunningBrook_36 Start: 10938, Stop: 11192, Start Num: 174

Candidate Starts for RunningBrook_36:

(157, 10923), (Start: 174 @10938 has 82 MA's), (192, 10983), (211, 11034), (217, 11052), (227, 11070),

Gene: Ruotula_64 Start: 42952, Stop: 42695, Start Num: 132

Candidate Starts for Ruotula_64:

(Start: 132 @42952 has 10 MA's), (148, 42934), (Start: 176 @42928 has 7 MA's), (198, 42877), (202, 42862), (211, 42841), (220, 42811), (232, 42781),

Gene: Rutherferd_64 Start: 42559, Stop: 42290, Start Num: 123

Candidate Starts for Rutherferd_64:

(74, 42661), (75, 42658), (94, 42613), (Start: 101 @42595 has 19 MA's), (Start: 123 @42559 has 30 MA's), (Start: 124 @42556 has 109 MA's), (Start: 129 @42544 has 4 MA's), (Start: 176 @42523 has 7 MA's), (198, 42472), (202, 42457), (211, 42436), (220, 42406), (232, 42376),

Gene: RyeScarlet_59 Start: 38297, Stop: 38025, Start Num: 136

Candidate Starts for RyeScarlet_59:

(Start: 136 @38297 has 125 MA's), (Start: 170 @38288 has 180 MA's), (194, 38231), (207, 38195), (221, 38156), (230, 38129), (234, 38117),

Gene: SJReid_115 Start: 79391, Stop: 79633, Start Num: 171

Candidate Starts for SJReid_115:

(Start: 171 @79391 has 120 MA's), (228, 79535),

Gene: STLscum_70 Start: 43220, Stop: 42969, Start Num: 139

Candidate Starts for STLscum_70:

(82, 43325), (Start: 139 @43220 has 4 MA's), (198, 43151), (202, 43136), (211, 43115), (220, 43085), (232, 43055), (273, 42980),

Gene: Sachima_55 Start: 38207, Stop: 37935, Start Num: 136

Candidate Starts for Sachima_55:

(Start: 136 @38207 has 125 MA's), (Start: 170 @38198 has 180 MA's), (194, 38141), (207, 38105), (221, 38066), (230, 38039), (234, 38027),

Gene: Sagefire_64 Start: 42827, Stop: 42561, Start Num: 124

Candidate Starts for Sagefire_64:

(Start: 123 @42830 has 30 MA's), (Start: 124 @42827 has 109 MA's), (Start: 129 @42815 has 4 MA's), (Start: 176 @42794 has 7 MA's), (198, 42743), (202, 42728), (211, 42707), (220, 42677), (232, 42647),

Gene: Saints25_38 Start: 32793, Stop: 33038, Start Num: 171

Candidate Starts for Saints25_38:

(Start: 171 @32793 has 120 MA's), (197, 32850), (208, 32883), (211, 32889), (230, 32943), (234, 32955),

Gene: Salz_56 Start: 37305, Stop: 37033, Start Num: 136

Candidate Starts for Salz_56:

(Start: 136 @37305 has 125 MA's), (Start: 170 @37296 has 180 MA's), (234, 37125),

Gene: Samty_31 Start: 28787, Stop: 29053, Start Num: 168

Candidate Starts for Samty_31:

(Start: 168 @28787 has 64 MA's), (Start: 179 @28799 has 9 MA's), (Start: 191 @28832 has 6 MA's),

Gene: SamuelLPlaqson_67 Start: 44362, Stop: 44604, Start Num: 170

Candidate Starts for SamuelLPlaqson_67:

(Start: 170 @44362 has 180 MA's), (209, 44452), (253, 44548), (262, 44572),

Gene: SanaSana_39 Start: 27081, Stop: 27314, Start Num: 174

Candidate Starts for SanaSana_39:

(94, 26952), (95, 26955), (103, 26973), (109, 26985), (111, 26988), (117, 26997), (Start: 166 @27072 has 24 MA's), (Start: 174 @27081 has 82 MA's), (229, 27216), (271, 27282),

Gene: Sandaddy_58 Start: 40699, Stop: 40442, Start Num: 132

Candidate Starts for Sandaddy_58:

(Start: 132 @40699 has 10 MA's), (148, 40681), (Start: 176 @40675 has 7 MA's), (198, 40624), (202, 40609), (211, 40588), (220, 40558), (232, 40528), (273, 40453),

Gene: SansAfet_37 Start: 25401, Stop: 25631, Start Num: 174

Candidate Starts for SansAfet_37:

(Start: 174 @25401 has 82 MA's),

Gene: Sanya_57 Start: 41974, Stop: 41741, Start Num: 176

Candidate Starts for Sanya_57:

(Start: 122 @42007 has 6 MA's), (Start: 129 @41995 has 4 MA's), (Start: 176 @41974 has 7 MA's), (198, 41923), (202, 41908), (211, 41887), (220, 41857), (232, 41827), (273, 41752),

Gene: SarBear_36 Start: 25256, Stop: 25498, Start Num: 174

Candidate Starts for SarBear_36:

(Start: 174 @25256 has 82 MA's), (285, 25490),

Gene: SarFire_61 Start: 41167, Stop: 40898, Start Num: 123

Candidate Starts for SarFire_61:

(Start: 123 @41167 has 30 MA's), (Start: 124 @41164 has 109 MA's), (Start: 129 @41152 has 4 MA's), (148, 41137), (Start: 176 @41131 has 7 MA's), (198, 41080), (202, 41065), (211, 41044), (220, 41014), (232, 40984), (273, 40909),

Gene: Sarshaun_32 Start: 28500, Stop: 28721, Start Num: 191

Candidate Starts for Sarshaun_32:

(Start: 168 @28455 has 64 MA's), (Start: 191 @28500 has 6 MA's), (210, 28551), (236, 28617), (273, 28689), (283, 28710),

Gene: Sassay_36 Start: 32639, Stop: 32884, Start Num: 171

Candidate Starts for Sassay_36:

(Start: 171 @32639 has 120 MA's), (197, 32696), (208, 32729), (211, 32735), (230, 32789), (234, 32801),

Gene: Scarlett_71 Start: 44528, Stop: 44758, Start Num: 170
Candidate Starts for Scarlett_71:
(Start: 170 @44528 has 180 MA's), (216, 44645), (229, 44663),

Gene: Schatzie_49 Start: 43187, Stop: 43432, Start Num: 169
Candidate Starts for Schatzie_49:
(Start: 169 @43187 has 31 MA's), (198, 43250), (208, 43280), (210, 43283), (233, 43343), (234, 43346), (236, 43349),

Gene: Scherzo_58 Start: 38511, Stop: 38239, Start Num: 136
Candidate Starts for Scherzo_58:
(Start: 136 @38511 has 125 MA's), (Start: 170 @38502 has 180 MA's), (194, 38445), (207, 38409), (221, 38370), (230, 38343), (234, 38331),

Gene: Schnauzer_51 Start: 34925, Stop: 35173, Start Num: 149
Candidate Starts for Schnauzer_51:
(18, 34511), (51, 34718), (62, 34751), (Start: 100 @34847 has 22 MA's), (Start: 149 @34925 has 59 MA's), (Start: 173 @34937 has 5 MA's), (Start: 176 @34943 has 7 MA's), (209, 35021), (232, 35087), (233, 35090),

Gene: ScoobyDoobyDoo_73 Start: 26882, Stop: 27106, Start Num: 170
Candidate Starts for ScoobyDoobyDoo_73:
(Start: 170 @26882 has 180 MA's), (195, 26933), (220, 27005), (228, 27023), (230, 27029), (232, 27035), (255, 27071),

Gene: Scowl_63 Start: 41099, Stop: 40830, Start Num: 123
Candidate Starts for Scowl_63:
(Start: 123 @41099 has 30 MA's), (Start: 124 @41096 has 109 MA's), (Start: 129 @41084 has 4 MA's), (Start: 176 @41060 has 7 MA's), (197, 41015), (202, 40997), (220, 40946), (273, 40841),

Gene: SemperFi_59 Start: 38692, Stop: 38420, Start Num: 136
Candidate Starts for SemperFi_59:
(Start: 136 @38692 has 125 MA's), (Start: 170 @38683 has 180 MA's), (Start: 178 @38671 has 1 MA's), (180, 38665), (224, 38542),

Gene: Send513_40 Start: 36392, Stop: 36637, Start Num: 166
Candidate Starts for Send513_40:
(137, 36350), (Start: 166 @36392 has 24 MA's), (180, 36413), (Start: 187 @36434 has 2 MA's), (198, 36461), (238, 36560), (241, 36563), (244, 36566), (269, 36617),

Gene: Serenabean_51 Start: 34263, Stop: 34496, Start Num: 156
Candidate Starts for Serenabean_51:
(156, 34263), (198, 34326), (220, 34398),

Gene: Serenity_58 Start: 37628, Stop: 37356, Start Num: 136
Candidate Starts for Serenity_58:
(91, 37700), (97, 37688), (Start: 136 @37628 has 125 MA's), (Start: 178 @37607 has 1 MA's), (180, 37601), (224, 37478), (228, 37466),

Gene: SgtBeansprout_56 Start: 40941, Stop: 41186, Start Num: 170
Candidate Starts for SgtBeansprout_56:

(Start: 108 @40869 has 4 MA's), (Start: 170 @40941 has 180 MA's), (213, 41046), (229, 41088), (253, 41124),

Gene: Shadow1_71 Start: 43904, Stop: 44143, Start Num: 170

Candidate Starts for Shadow1_71:

(112, 43820), (Start: 170 @43904 has 180 MA's), (Start: 176 @43913 has 7 MA's), (209, 43994), (228, 44048), (233, 44063),

Gene: ShakeltOph_41 Start: 26463, Stop: 26750, Start Num: 153

Candidate Starts for ShakeltOph_41:

(Start: 153 @26463 has 1 MA's), (234, 26655),

Gene: Sham4_57 Start: 37333, Stop: 37061, Start Num: 136

Candidate Starts for Sham4_57:

(Start: 136 @37333 has 125 MA's), (Start: 170 @37324 has 180 MA's), (234, 37153),

Gene: ShamWow_37 Start: 33135, Stop: 33380, Start Num: 171

Candidate Starts for ShamWow_37:

(Start: 171 @33135 has 120 MA's), (197, 33192), (208, 33225), (211, 33231), (230, 33285), (234, 33297),

Gene: Shaobing_69 Start: 44159, Stop: 44398, Start Num: 170

Candidate Starts for Shaobing_69:

(Start: 170 @44159 has 180 MA's), (209, 44249), (220, 44285), (228, 44303), (262, 44366),

Gene: Sharkboy_35 Start: 26070, Stop: 26309, Start Num: 166

Candidate Starts for Sharkboy_35:

(21, 25659), (29, 25722), (30, 25740), (31, 25761), (34, 25770), (39, 25794), (45, 25812), (48, 25818), (55, 25845), (56, 25848), (62, 25869), (63, 25872), (72, 25899), (78, 25911), (84, 25926), (90, 25941), (94, 25950), (98, 25959), (Start: 100 @25965 has 22 MA's), (105, 25974), (111, 25986), (115, 25992), (Start: 166 @26070 has 24 MA's), (Start: 174 @26079 has 82 MA's), (202, 26151), (208, 26166), (231, 26220), (268, 26271), (285, 26301),

Gene: ShayRa_64 Start: 37627, Stop: 37358, Start Num: 163

Candidate Starts for ShayRa_64:

(14, 38071), (25, 37969), (Start: 163 @37627 has 20 MA's), (234, 37450),

Gene: Shayna_36 Start: 24764, Stop: 24994, Start Num: 174

Candidate Starts for Shayna_36:

(Start: 174 @24764 has 82 MA's), (193, 24809),

Gene: SheaKeira_56 Start: 37935, Stop: 37663, Start Num: 136

Candidate Starts for SheaKeira_56:

(Start: 136 @37935 has 125 MA's), (Start: 170 @37926 has 180 MA's), (Start: 178 @37914 has 1 MA's), (194, 37869), (207, 37833), (215, 37812), (224, 37785), (227, 37776), (232, 37761), (265, 37710), (274, 37689),

Gene: ShedlockHolmes_69 Start: 44136, Stop: 44378, Start Num: 170

Candidate Starts for ShedlockHolmes_69:

(Start: 170 @44136 has 180 MA's), (Start: 187 @44169 has 2 MA's), (209, 44226), (229, 44286), (233, 44298),

Gene: Sheng711_30 Start: 27624, Stop: 27842, Start Num: 191

Candidate Starts for Sheng711_30:

(Start: 168 @27579 has 64 MA's), (Start: 191 @27624 has 6 MA's), (234, 27738),

Gene: ShiaSurprise_67 Start: 43819, Stop: 44061, Start Num: 170

Candidate Starts for ShiaSurprise_67:

(Start: 170 @43819 has 180 MA's), (209, 43909), (253, 44005), (262, 44029),

Gene: ShortQueendom_54 Start: 38806, Stop: 38531, Start Num: 124

Candidate Starts for ShortQueendom_54:

(Start: 123 @38809 has 30 MA's), (Start: 124 @38806 has 109 MA's), (Start: 129 @38794 has 4 MA's), (198, 38713), (202, 38698), (211, 38677), (220, 38647), (232, 38617),

Gene: ShrimpFriedEgg_55 Start: 36172, Stop: 36420, Start Num: 149

Candidate Starts for ShrimpFriedEgg_55:

(Start: 149 @36172 has 59 MA's), (Start: 173 @36184 has 5 MA's), (232, 36334), (233, 36337), (273, 36412),

Gene: Shweta_51 Start: 35498, Stop: 35743, Start Num: 145

Candidate Starts for Shweta_51:

(Start: 145 @35498 has 5 MA's), (Start: 173 @35510 has 5 MA's), (Start: 176 @35516 has 7 MA's), (203, 35582), (221, 35627), (233, 35657),

Gene: Silvafighter_51 Start: 34898, Stop: 35146, Start Num: 149

Candidate Starts for Silvafighter_51:

(18, 34484), (51, 34691), (62, 34724), (Start: 100 @34820 has 22 MA's), (Start: 149 @34898 has 59 MA's), (Start: 173 @34910 has 5 MA's), (Start: 176 @34916 has 7 MA's), (209, 34994), (232, 35060), (233, 35063),

Gene: Silverleaf_30 Start: 27690, Stop: 27959, Start Num: 168

Candidate Starts for Silverleaf_30:

(Start: 168 @27690 has 64 MA's), (Start: 191 @27735 has 6 MA's), (232, 27843),

Gene: Simpliphy_38 Start: 32880, Stop: 33125, Start Num: 171

Candidate Starts for Simpliphy_38:

(Start: 171 @32880 has 120 MA's), (197, 32937), (208, 32970), (211, 32976), (230, 33030), (234, 33042),

Gene: Simpson_35 Start: 24755, Stop: 25021, Start Num: 149

Candidate Starts for Simpson_35:

(37, 24497), (Start: 149 @24755 has 59 MA's), (233, 24938),

Gene: SirDuracell_36 Start: 31800, Stop: 32045, Start Num: 171

Candidate Starts for SirDuracell_36:

(Start: 171 @31800 has 120 MA's), (197, 31857), (208, 31890), (211, 31896), (228, 31944), (230, 31950), (234, 31962),

Gene: SirPhilip_66 Start: 44298, Stop: 44537, Start Num: 170

Candidate Starts for SirPhilip_66:

(Start: 170 @44298 has 180 MA's), (209, 44388), (220, 44424), (228, 44442), (232, 44454),

Gene: Skinny_40 Start: 33191, Stop: 33469, Start Num: 152

Candidate Starts for Skinny_40:

(89, 33080), (Start: 152 @33191 has 11 MA's), (Start: 166 @33209 has 24 MA's), (198, 33272), (229, 33359), (232, 33368), (236, 33377),

Gene: Skylord_33 Start: 23403, Stop: 23633, Start Num: 174

Candidate Starts for Skylord_33:

(49, 23151), (58, 23181), (Start: 166 @23394 has 24 MA's), (Start: 174 @23403 has 82 MA's), (208, 23490), (268, 23595), (285, 23625),

Gene: Slagathor_64 Start: 43192, Stop: 42926, Start Num: 124

Candidate Starts for Slagathor_64:

(Start: 123 @43195 has 30 MA's), (Start: 124 @43192 has 109 MA's), (Start: 129 @43180 has 4 MA's), (148, 43165), (Start: 176 @43159 has 7 MA's), (198, 43108), (202, 43093), (211, 43072), (220, 43042), (232, 43012),

Gene: Slay_37 Start: 25937, Stop: 26179, Start Num: 174

Candidate Starts for Slay_37:

(Start: 174 @25937 has 82 MA's), (285, 26171),

Gene: SlimJimmy_38 Start: 32763, Stop: 33023, Start Num: 166

Candidate Starts for SlimJimmy_38:

(89, 32634), (Start: 152 @32745 has 11 MA's), (Start: 166 @32763 has 24 MA's), (198, 32826), (229, 32913), (232, 32922), (236, 32931),

Gene: Slimphazie_67 Start: 43920, Stop: 44162, Start Num: 170

Candidate Starts for Slimphazie_67:

(Start: 170 @43920 has 180 MA's), (209, 44010), (253, 44106), (262, 44130),

Gene: Smairt_64 Start: 43635, Stop: 43369, Start Num: 124

Candidate Starts for Smairt_64:

(Start: 123 @43638 has 30 MA's), (Start: 124 @43635 has 109 MA's), (Start: 129 @43623 has 4 MA's), (Start: 176 @43602 has 7 MA's), (198, 43551), (202, 43536), (211, 43515), (220, 43485), (232, 43455),

Gene: Smeagan_61 Start: 38985, Stop: 38713, Start Num: 136

Candidate Starts for Smeagan_61:

(Start: 136 @38985 has 125 MA's), (Start: 170 @38976 has 180 MA's), (Start: 178 @38964 has 1 MA's), (180, 38958), (224, 38835),

Gene: Smeagol_64 Start: 43015, Stop: 42749, Start Num: 124

Candidate Starts for Smeagol_64:

(Start: 124 @43015 has 109 MA's), (Start: 129 @43003 has 4 MA's), (Start: 176 @42982 has 7 MA's), (198, 42931), (202, 42916), (211, 42895), (220, 42865), (232, 42835),

Gene: Smurph_50 Start: 34925, Stop: 35173, Start Num: 149

Candidate Starts for Smurph_50:

(18, 34511), (51, 34718), (62, 34751), (Start: 100 @34847 has 22 MA's), (Start: 149 @34925 has 59 MA's), (Start: 173 @34937 has 5 MA's), (Start: 176 @34943 has 7 MA's), (209, 35021), (232, 35087), (233, 35090),

Gene: SnapTap_58 Start: 38503, Stop: 38231, Start Num: 136

Candidate Starts for SnapTap_58:

(Start: 136 @38503 has 125 MA's), (Start: 170 @38494 has 180 MA's), (Start: 178 @38482 has 1 MA's), (180, 38476), (224, 38353),

Gene: Snape_57 Start: 37325, Stop: 37053, Start Num: 136
Candidate Starts for Snape_57:
(Start: 136 @37325 has 125 MA's), (Start: 170 @37316 has 180 MA's), (234, 37145),

Gene: Snazzy_60 Start: 40262, Stop: 39987, Start Num: 124
Candidate Starts for Snazzy_60:
(Start: 123 @40265 has 30 MA's), (Start: 124 @40262 has 109 MA's), (Start: 129 @40250 has 4 MA's), (198, 40169), (202, 40154), (211, 40133), (220, 40103), (232, 40073),

Gene: Snek_33 Start: 23631, Stop: 23897, Start Num: 131
Candidate Starts for Snek_33:
(43, 23421), (48, 23430), (Start: 131 @23631 has 2 MA's), (233, 23814),

Gene: Snekmaggedon_49 Start: 34464, Stop: 34712, Start Num: 149
Candidate Starts for Snekmaggedon_49:
(Start: 149 @34464 has 59 MA's), (Start: 173 @34476 has 5 MA's), (232, 34626), (233, 34629), (273, 34704),

Gene: Snenia_31 Start: 28785, Stop: 29051, Start Num: 168
Candidate Starts for Snenia_31:
(Start: 168 @28785 has 64 MA's), (Start: 179 @28797 has 9 MA's), (Start: 191 @28830 has 6 MA's),

Gene: SoSeph_61 Start: 42799, Stop: 43047, Start Num: 170
Candidate Starts for SoSeph_61:
(Start: 170 @42799 has 180 MA's), (202, 42874), (229, 42946), (244, 42970),

Gene: Soap141_32 Start: 28500, Stop: 28721, Start Num: 191
Candidate Starts for Soap141_32:
(Start: 168 @28455 has 64 MA's), (Start: 191 @28500 has 6 MA's), (210, 28551), (236, 28617), (273, 28689), (283, 28710),

Gene: Solon_61 Start: 40838, Stop: 40563, Start Num: 124
Candidate Starts for Solon_61:
(Start: 123 @40841 has 30 MA's), (Start: 124 @40838 has 109 MA's), (Start: 129 @40826 has 4 MA's), (Start: 176 @40796 has 7 MA's), (198, 40745), (202, 40730), (211, 40709), (220, 40679), (232, 40649), (273, 40574),

Gene: Soondubu_31 Start: 26525, Stop: 26788, Start Num: 174
Candidate Starts for Soondubu_31:
(Start: 174 @26525 has 82 MA's), (267, 26723), (282, 26756),

Gene: Sooty_31 Start: 22496, Stop: 22762, Start Num: 151
Candidate Starts for Sooty_31:
(Start: 151 @22496 has 16 MA's), (Start: 158 @22505 has 3 MA's), (Start: 170 @22511 has 180 MA's), (200, 22574),

Gene: SophKB_37 Start: 33134, Stop: 33379, Start Num: 171
Candidate Starts for SophKB_37:
(Start: 171 @33134 has 120 MA's), (197, 33191), (208, 33224), (211, 33230), (230, 33284), (234, 33296),

Gene: Sorpresa_59 Start: 40701, Stop: 40444, Start Num: 132

Candidate Starts for Sorpresa_59:

(Start: 132 @40701 has 10 MA's), (148, 40683), (Start: 176 @40677 has 7 MA's), (198, 40626), (202, 40611), (211, 40590), (220, 40560), (232, 40530), (273, 40455),

Gene: Sotrice96_37 Start: 33089, Stop: 33334, Start Num: 171

Candidate Starts for Sotrice96_37:

(Start: 171 @33089 has 120 MA's), (197, 33146), (208, 33179), (211, 33185), (230, 33239), (234, 33251),

Gene: Soups_64 Start: 37890, Stop: 37621, Start Num: 163

Candidate Starts for Soups_64:

(14, 38334), (25, 38232), (Start: 163 @37890 has 20 MA's), (234, 37713),

Gene: SpecialK_36 Start: 22493, Stop: 22759, Start Num: 151

Candidate Starts for SpecialK_36:

(Start: 151 @22493 has 16 MA's), (Start: 170 @22508 has 180 MA's), (200, 22571), (247, 22691),

Gene: SpeedDemon_860 Start: 59302, Stop: 59036, Start Num: 151

Candidate Starts for SpeedDemon_860:

(Start: 151 @59302 has 16 MA's), (185, 59254),

Gene: SpikeBT_60 Start: 40904, Stop: 40638, Start Num: 124

Candidate Starts for SpikeBT_60:

(Start: 123 @40907 has 30 MA's), (Start: 124 @40904 has 109 MA's), (Start: 129 @40892 has 4 MA's), (Start: 176 @40871 has 7 MA's), (198, 40820), (202, 40805), (211, 40784), (220, 40754), (232, 40724), (273, 40649),

Gene: Splinter_63 Start: 40094, Stop: 40318, Start Num: 170

Candidate Starts for Splinter_63:

(Start: 170 @40094 has 180 MA's), (192, 40136), (209, 40181), (212, 40190), (230, 40241), (233, 40250),

Gene: Spock_66 Start: 43623, Stop: 43865, Start Num: 170

Candidate Starts for Spock_66:

(Start: 170 @43623 has 180 MA's), (209, 43713), (253, 43809), (262, 43833),

Gene: SpongeBob_49 Start: 34464, Stop: 34712, Start Num: 149

Candidate Starts for SpongeBob_49:

(Start: 149 @34464 has 59 MA's), (Start: 173 @34476 has 5 MA's), (232, 34626), (233, 34629), (273, 34704),

Gene: Spouty_58 Start: 38291, Stop: 38019, Start Num: 136

Candidate Starts for Spouty_58:

(Start: 136 @38291 has 125 MA's), (Start: 170 @38282 has 180 MA's), (194, 38225), (207, 38189), (221, 38150), (230, 38123), (234, 38111),

Gene: Squee_63 Start: 41158, Stop: 40892, Start Num: 124

Candidate Starts for Squee_63:

(Start: 123 @41161 has 30 MA's), (Start: 124 @41158 has 109 MA's), (Start: 129 @41146 has 4 MA's), (Start: 176 @41125 has 7 MA's), (202, 41059), (211, 41038), (216, 41017), (220, 41008), (232, 40978), (273, 40903),

Gene: Squiracle_34 Start: 24244, Stop: 24483, Start Num: 174

Candidate Starts for Squirrel_34:
(10, 23623), (32, 23929), (Start: 174 @24244 has 82 MA's),

Gene: StagePhright_9 Start: 6092, Stop: 5736, Start Num: 101
Candidate Starts for StagePhright_9:
(Start: 101 @6092 has 19 MA's), (Start: 127 @6053 has 1 MA's), (137, 6038), (201, 5951), (203, 5942), (247, 5834), (254, 5825), (268, 5786),

Gene: Stank_40 Start: 33641, Stop: 33886, Start Num: 171
Candidate Starts for Stank_40:
(Start: 171 @33641 has 120 MA's), (197, 33698), (208, 33731), (211, 33737), (230, 33791), (234, 33803),

Gene: StarStuff_60 Start: 38271, Stop: 37999, Start Num: 136
Candidate Starts for StarStuff_60:
(Start: 136 @38271 has 125 MA's), (Start: 170 @38262 has 180 MA's), (207, 38169), (234, 38091), (268, 38037),

Gene: Stark_38 Start: 32893, Stop: 33138, Start Num: 171
Candidate Starts for Stark_38:
(Start: 171 @32893 has 120 MA's), (197, 32950), (208, 32983), (211, 32989), (230, 33043), (234, 33055),

Gene: Steamy_54 Start: 38003, Stop: 37731, Start Num: 136
Candidate Starts for Steamy_54:
(47, 38204), (Start: 136 @38003 has 125 MA's), (Start: 170 @37994 has 180 MA's), (180, 37976), (193, 37940), (207, 37901), (224, 37853), (230, 37835), (240, 37814), (245, 37811),

Gene: StellaBean_37 Start: 33134, Stop: 33379, Start Num: 171
Candidate Starts for StellaBean_37:
(Start: 171 @33134 has 120 MA's), (197, 33191), (208, 33224), (211, 33230), (230, 33284), (234, 33296),

Gene: StevieWelch_35 Start: 10338, Stop: 10592, Start Num: 174
Candidate Starts for StevieWelch_35:
(157, 10323), (Start: 174 @10338 has 82 MA's), (192, 10383), (217, 10452), (227, 10470),

Gene: StewieG_57 Start: 37645, Stop: 37379, Start Num: 124
Candidate Starts for StewieG_57:
(Start: 123 @37648 has 30 MA's), (Start: 124 @37645 has 109 MA's), (Start: 129 @37633 has 4 MA's), (Start: 176 @37612 has 7 MA's), (198, 37561), (202, 37546), (211, 37525), (220, 37495),

Gene: Stinson_68 Start: 44248, Stop: 44490, Start Num: 170
Candidate Starts for Stinson_68:
(Start: 170 @44248 has 180 MA's), (209, 44338), (253, 44434), (262, 44458),

Gene: StolenFromERC_39 Start: 33125, Stop: 33370, Start Num: 171
Candidate Starts for StolenFromERC_39:
(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: Stoor_37 Start: 26750, Stop: 26983, Start Num: 174
Candidate Starts for Stoor_37:

(94, 26621), (95, 26624), (103, 26642), (111, 26657), (117, 26666), (Start: 166 @26741 has 24 MA's), (Start: 174 @26750 has 82 MA's),

Gene: Stormbreaker_9 Start: 6347, Stop: 6027, Start Num: 100

Candidate Starts for Stormbreaker_9:

(52, 6467), (61, 6437), (Start: 100 @6347 has 22 MA's), (135, 6296), (Start: 170 @6281 has 180 MA's), (Start: 191 @6233 has 6 MA's), (252, 6092),

Gene: Strobilo_70 Start: 46068, Stop: 46313, Start Num: 170

Candidate Starts for Strobilo_70:

(Start: 108 @46005 has 4 MA's), (Start: 170 @46068 has 180 MA's), (209, 46158), (233, 46227),

Gene: Stromboli_37 Start: 26614, Stop: 26847, Start Num: 174

Candidate Starts for Stromboli_37:

(94, 26485), (95, 26488), (103, 26506), (109, 26518), (111, 26521), (117, 26530), (Start: 166 @26605 has 24 MA's), (Start: 174 @26614 has 82 MA's), (240, 26764),

Gene: StrongArm_60 Start: 42040, Stop: 41774, Start Num: 124

Candidate Starts for StrongArm_60:

(Start: 123 @42043 has 30 MA's), (Start: 124 @42040 has 109 MA's), (Start: 129 @42028 has 4 MA's), (Start: 176 @42004 has 7 MA's), (197, 41959), (202, 41941), (220, 41890), (273, 41785),

Gene: Strosahl_64 Start: 37446, Stop: 37177, Start Num: 163

Candidate Starts for Strosahl_64:

(14, 37890), (17, 37866), (25, 37788), (Start: 163 @37446 has 20 MA's), (234, 37269),

Gene: SuMoo_44 Start: 27844, Stop: 28113, Start Num: 151

Candidate Starts for SuMoo_44:

(64, 27691), (79, 27730), (81, 27733), (Start: 151 @27844 has 16 MA's), (192, 27898), (201, 27931), (230, 28012), (250, 28057),

Gene: Sue2_34 Start: 25374, Stop: 25640, Start Num: 149

Candidate Starts for Sue2_34:

(43, 25137), (48, 25146), (70, 25221), (Start: 149 @25374 has 59 MA's), (233, 25557), (268, 25614),

Gene: Sulley_66 Start: 43683, Stop: 43925, Start Num: 170

Candidate Starts for Sulley_66:

(Start: 170 @43683 has 180 MA's), (209, 43773), (253, 43869), (262, 43893),

Gene: Sumter_58 Start: 41278, Stop: 41012, Start Num: 124

Candidate Starts for Sumter_58:

(Start: 123 @41281 has 30 MA's), (Start: 124 @41278 has 109 MA's), (Start: 129 @41266 has 4 MA's), (148, 41251), (Start: 176 @41245 has 7 MA's), (198, 41194), (202, 41179), (211, 41158), (220, 41128), (232, 41098), (273, 41023),

Gene: Sunflower1121_72 Start: 44050, Stop: 44289, Start Num: 170

Candidate Starts for Sunflower1121_72:

(112, 43966), (Start: 170 @44050 has 180 MA's), (Start: 176 @44059 has 7 MA's), (209, 44140), (228, 44194), (233, 44209),

Gene: SunnyD_38 Start: 24766, Stop: 24996, Start Num: 174

Candidate Starts for SunnyD_38:

(Start: 174 @24766 has 82 MA's), (193, 24811),

Gene: Sunshine924_67 Start: 41911, Stop: 41645, Start Num: 124

Candidate Starts for Sunshine924_67:

(Start: 123 @41914 has 30 MA's), (Start: 124 @41911 has 109 MA's), (Start: 129 @41899 has 4 MA's), (Start: 176 @41878 has 7 MA's), (202, 41812), (211, 41791), (220, 41761), (232, 41731), (273, 41656),

Gene: Superchunk_56 Start: 36944, Stop: 36672, Start Num: 136

Candidate Starts for Superchunk_56:

(Start: 136 @36944 has 125 MA's), (180, 36917), (224, 36794), (228, 36782),

Gene: Superphikiman_51 Start: 40814, Stop: 41053, Start Num: 179

Candidate Starts for Superphikiman_51:

(Start: 179 @40814 has 9 MA's), (188, 40841), (208, 40895), (210, 40898), (232, 40955), (256, 40991),

Gene: SweetiePie_58 Start: 38635, Stop: 38363, Start Num: 136

Candidate Starts for SweetiePie_58:

(Start: 136 @38635 has 125 MA's), (Start: 170 @38626 has 180 MA's), (Start: 178 @38614 has 1 MA's), (180, 38608),

Gene: Swervy_37 Start: 25456, Stop: 25698, Start Num: 174

Candidate Starts for Swervy_37:

(Start: 174 @25456 has 82 MA's), (285, 25690),

Gene: SwirlSquare_63 Start: 37866, Stop: 37594, Start Num: 136

Candidate Starts for SwirlSquare_63:

(Start: 136 @37866 has 125 MA's), (180, 37839), (198, 37791), (218, 37734), (234, 37686), (250, 37668),

Gene: Switzerland_63 Start: 37766, Stop: 37497, Start Num: 163

Candidate Starts for Switzerland_63:

(14, 38210), (25, 38108), (Start: 163 @37766 has 20 MA's), (234, 37589),

Gene: Swole_61 Start: 41087, Stop: 40812, Start Num: 124

Candidate Starts for Swole_61:

(Start: 123 @41090 has 30 MA's), (Start: 124 @41087 has 109 MA's), (Start: 129 @41075 has 4 MA's), (Start: 176 @41045 has 7 MA's), (198, 40994), (202, 40979), (211, 40958), (220, 40928), (232, 40898),

Gene: Syra333_70 Start: 43764, Stop: 44003, Start Num: 170

Candidate Starts for Syra333_70:

(112, 43680), (Start: 170 @43764 has 180 MA's), (Start: 176 @43773 has 7 MA's), (209, 43854), (228, 43908), (233, 43923),

Gene: TBond007_64 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for TBond007_64:

(Start: 170 @43622 has 180 MA's), (Start: 187 @43655 has 2 MA's), (209, 43712), (216, 43739), (229, 43772), (233, 43784),

Gene: TBrady12_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for TBrady12_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: TClif_68 Start: 43725, Stop: 43964, Start Num: 170

Candidate Starts for TClif_68:

(Start: 170 @43725 has 180 MA's), (Start: 176 @43734 has 7 MA's), (209, 43815), (233, 43884), (262, 43932),

Gene: TM4_67 Start: 40730, Stop: 40975, Start Num: 170

Candidate Starts for TM4_67:

(7, 39989), (112, 40673), (116, 40679), (Start: 170 @40730 has 180 MA's), (209, 40820), (233, 40889), (253, 40913), (277, 40967),

Gene: TMaxx_3 Start: 937, Stop: 1194, Start Num: 171

Candidate Starts for TMaxx_3:

(106, 838), (113, 850), (Start: 171 @937 has 120 MA's),

Gene: TZGordon_64 Start: 38982, Stop: 39206, Start Num: 170

Candidate Starts for TZGordon_64:

(Start: 170 @38982 has 180 MA's), (192, 39024), (209, 39069), (212, 39078), (230, 39129), (233, 39138),

Gene: Tachez_66 Start: 43467, Stop: 43709, Start Num: 170

Candidate Starts for Tachez_66:

(Start: 170 @43467 has 180 MA's), (209, 43557), (253, 43653), (262, 43677),

Gene: TaiwanKao_69 Start: 44172, Stop: 44417, Start Num: 170

Candidate Starts for TaiwanKao_69:

(Start: 170 @44172 has 180 MA's), (209, 44262), (253, 44358), (276, 44409),

Gene: Talia1610_108 Start: 86506, Stop: 86754, Start Num: 171

Candidate Starts for Talia1610_108:

(Start: 171 @86506 has 120 MA's), (Start: 175 @86512 has 1 MA's), (180, 86518),

Gene: Tallboi_33 Start: 25971, Stop: 26237, Start Num: 145

Candidate Starts for Tallboi_33:

(37, 25716), (50, 25752), (Start: 145 @25971 has 5 MA's), (233, 26154),

Gene: Tandem_28 Start: 9118, Stop: 9372, Start Num: 174

Candidate Starts for Tandem_28:

(138, 9070), (160, 9103), (Start: 174 @9118 has 82 MA's), (192, 9163), (205, 9199), (248, 9286),

Gene: Tapioca_52 Start: 34891, Stop: 35139, Start Num: 149

Candidate Starts for Tapioca_52:

(Start: 149 @34891 has 59 MA's), (Start: 173 @34903 has 5 MA's), (232, 35053), (233, 35056), (273, 35131),

Gene: Target_64 Start: 41123, Stop: 40848, Start Num: 124

Candidate Starts for Target_64:

(Start: 123 @41126 has 30 MA's), (Start: 124 @41123 has 109 MA's), (Start: 129 @41111 has 4 MA's), (Start: 176 @41081 has 7 MA's), (198, 41030), (202, 41015), (211, 40994), (220, 40964), (232, 40934), (273, 40859),

Gene: Tarkin_39 Start: 34124, Stop: 34369, Start Num: 171
Candidate Starts for Tarkin_39:
(Start: 171 @34124 has 120 MA's), (197, 34181), (208, 34214), (211, 34220), (230, 34274), (234, 34286),

Gene: Tbone_32 Start: 24550, Stop: 24816, Start Num: 149
Candidate Starts for Tbone_32:
(37, 24292), (50, 24328), (Start: 149 @24550 has 59 MA's), (233, 24733),

Gene: Teagster_39 Start: 25597, Stop: 25827, Start Num: 174
Candidate Starts for Teagster_39:
(Start: 174 @25597 has 82 MA's), (193, 25642),

Gene: TeardropMSU_36 Start: 33035, Stop: 33280, Start Num: 171
Candidate Starts for TeardropMSU_36:
(Start: 171 @33035 has 120 MA's), (197, 33092), (208, 33125), (211, 33131), (230, 33185), (234, 33197),

Gene: Teaspoon_38 Start: 33088, Stop: 33333, Start Num: 171
Candidate Starts for Teaspoon_38:
(Start: 171 @33088 has 120 MA's), (197, 33145), (208, 33178), (211, 33184), (230, 33238), (234, 33250),

Gene: Teodoridan_60 Start: 40295, Stop: 40029, Start Num: 124
Candidate Starts for Teodoridan_60:
(Start: 124 @40295 has 109 MA's), (Start: 129 @40283 has 4 MA's), (Start: 176 @40262 has 7 MA's), (198, 40211), (202, 40196), (211, 40175), (220, 40145), (232, 40115),

Gene: Terminus_37 Start: 33222, Stop: 33467, Start Num: 171
Candidate Starts for Terminus_37:
(Start: 171 @33222 has 120 MA's), (197, 33279), (208, 33312), (211, 33318), (230, 33372), (234, 33384),

Gene: TforTroy_34 Start: 25368, Stop: 25634, Start Num: 149
Candidate Starts for TforTroy_34:
(Start: 149 @25368 has 59 MA's), (233, 25551),

Gene: TheloniousMonk_65 Start: 43428, Stop: 43162, Start Num: 124
Candidate Starts for TheloniousMonk_65:
(Start: 123 @43431 has 30 MA's), (Start: 124 @43428 has 109 MA's), (Start: 129 @43416 has 4 MA's), (Start: 176 @43392 has 7 MA's), (197, 43347), (202, 43329), (220, 43278), (260, 43203), (273, 43173),

Gene: Thibault_45 Start: 41387, Stop: 41626, Start Num: 179
Candidate Starts for Thibault_45:
(Start: 179 @41387 has 9 MA's), (188, 41414), (208, 41468), (210, 41471), (232, 41528), (256, 41564),

Gene: ThirteenKH_9 Start: 6080, Stop: 5724, Start Num: 101
Candidate Starts for ThirteenKH_9:
(Start: 101 @6080 has 19 MA's), (Start: 127 @6041 has 1 MA's), (137, 6026), (203, 5930), (254, 5813), (268, 5774),

Gene: Thonko_81 Start: 61339, Stop: 61569, Start Num: 174
Candidate Starts for Thonko_81:
(102, 61228), (147, 61303), (Start: 174 @61339 has 82 MA's), (234, 61489),

Gene: Thor_61 Start: 40522, Stop: 40256, Start Num: 124
Candidate Starts for Thor_61:
(Start: 123 @40525 has 30 MA's), (Start: 124 @40522 has 109 MA's), (Start: 129 @40510 has 4 MA's), (148, 40495), (Start: 176 @40489 has 7 MA's), (198, 40438), (202, 40423), (211, 40402), (220, 40372), (232, 40342), (273, 40267),

Gene: ThreeRngTarjay_50 Start: 44296, Stop: 44541, Start Num: 169
Candidate Starts for ThreeRngTarjay_50:
(Start: 169 @44296 has 31 MA's), (198, 44359), (208, 44389), (210, 44392), (233, 44452), (234, 44455), (236, 44458),

Gene: Thresher_38 Start: 33889, Stop: 34134, Start Num: 171
Candidate Starts for Thresher_38:
(Start: 171 @33889 has 120 MA's), (197, 33946), (208, 33979), (211, 33985), (230, 34039), (234, 34051),

Gene: Thyatira_63 Start: 44764, Stop: 45012, Start Num: 170
Candidate Starts for Thyatira_63:
(Start: 170 @44764 has 180 MA's), (202, 44839), (229, 44911), (244, 44935),

Gene: Tian_33 Start: 26378, Stop: 26620, Start Num: 150
Candidate Starts for Tian_33:
(Start: 150 @26378 has 5 MA's),

Gene: Tierra_70 Start: 44265, Stop: 44504, Start Num: 170
Candidate Starts for Tierra_70:
(112, 44181), (Start: 170 @44265 has 180 MA's), (Start: 176 @44274 has 7 MA's), (209, 44355), (228, 44409),

Gene: Timothy_57 Start: 37302, Stop: 37030, Start Num: 136
Candidate Starts for Timothy_57:
(Start: 136 @37302 has 125 MA's), (Start: 170 @37293 has 180 MA's), (234, 37122),

Gene: TinaLin_62 Start: 38825, Stop: 39049, Start Num: 170
Candidate Starts for TinaLin_62:
(Start: 170 @38825 has 180 MA's), (192, 38867), (209, 38912), (212, 38921), (230, 38972), (233, 38981), (248, 39002),

Gene: TingHuaYa_70 Start: 43428, Stop: 43676, Start Num: 170
Candidate Starts for TingHuaYa_70:
(Start: 170 @43428 has 180 MA's), (209, 43518), (253, 43614), (262, 43638),

Gene: TiniBug_67 Start: 44358, Stop: 44600, Start Num: 170
Candidate Starts for TiniBug_67:
(Start: 170 @44358 has 180 MA's), (209, 44448), (253, 44544), (262, 44568),

Gene: TinyTimmy_57 Start: 37351, Stop: 37079, Start Num: 136
Candidate Starts for TinyTimmy_57:
(Start: 136 @37351 has 125 MA's), (Start: 170 @37342 has 180 MA's), (234, 37171),

Gene: TinyTimothy_9 Start: 6219, Stop: 5899, Start Num: 100

Candidate Starts for TinyTimothy_9:

(Start: 100 @6219 has 22 MA's), (Start: 127 @6180 has 1 MA's), (135, 6168), (228, 6000), (268, 5931),

Gene: TopsytheTRex_54 Start: 37698, Stop: 37426, Start Num: 136

Candidate Starts for TopsytheTRex_54:

(91, 37770), (97, 37758), (Start: 136 @37698 has 125 MA's), (Start: 178 @37677 has 1 MA's), (180, 37671), (224, 37548), (228, 37536),

Gene: Tiri_67 Start: 43756, Stop: 43998, Start Num: 170

Candidate Starts for Tiri_67:

(Start: 170 @43756 has 180 MA's), (192, 43801), (209, 43846), (253, 43942),

Gene: Toaka_58 Start: 38206, Stop: 37934, Start Num: 136

Candidate Starts for Toaka_58:

(Start: 136 @38206 has 125 MA's), (Start: 170 @38197 has 180 MA's), (224, 38056), (230, 38038),

Gene: Tomaszewski_36 Start: 32732, Stop: 32977, Start Num: 171

Candidate Starts for Tomaszewski_36:

(Start: 171 @32732 has 120 MA's), (197, 32789), (208, 32822), (211, 32828), (228, 32876), (230, 32882), (234, 32894),

Gene: Tomathan_60 Start: 38318, Stop: 38046, Start Num: 136

Candidate Starts for Tomathan_60:

(Start: 136 @38318 has 125 MA's), (Start: 170 @38309 has 180 MA's), (207, 38216), (234, 38138), (268, 38084),

Gene: Topper_66 Start: 43622, Stop: 43864, Start Num: 170

Candidate Starts for Topper_66:

(Start: 170 @43622 has 180 MA's), (209, 43712), (253, 43808), (262, 43832),

Gene: Torres_57 Start: 43555, Stop: 43800, Start Num: 170

Candidate Starts for Torres_57:

(Start: 108 @43483 has 4 MA's), (Start: 170 @43555 has 180 MA's), (213, 43660), (229, 43702), (253, 43738),

Gene: Tote_58 Start: 38354, Stop: 38079, Start Num: 124

Candidate Starts for Tote_58:

(Start: 123 @38357 has 30 MA's), (Start: 124 @38354 has 109 MA's), (Start: 129 @38342 has 4 MA's), (Start: 176 @38312 has 7 MA's), (198, 38261), (202, 38246), (211, 38225), (220, 38195), (232, 38165),

Gene: Toto_37 Start: 33135, Stop: 33380, Start Num: 171

Candidate Starts for Toto_37:

(Start: 171 @33135 has 120 MA's), (197, 33192), (208, 33225), (211, 33231), (230, 33285), (234, 33297),

Gene: Tourach_32 Start: 28413, Stop: 28679, Start Num: 168

Candidate Starts for Tourach_32:

(Start: 168 @28413 has 64 MA's), (Start: 191 @28458 has 6 MA's), (210, 28509), (273, 28647), (283, 28668),

Gene: Traaww1_35 Start: 32773, Stop: 33018, Start Num: 171

Candidate Starts for Traaww1_35:

(Start: 171 @32773 has 120 MA's), (197, 32830), (208, 32863), (211, 32869), (230, 32923), (234, 32935),

Gene: Traft412_64 Start: 41743, Stop: 41486, Start Num: 132

Candidate Starts for Traft412_64:

(Start: 132 @41743 has 10 MA's), (148, 41725), (Start: 176 @41719 has 7 MA's), (198, 41668), (202, 41653), (211, 41632), (220, 41602), (232, 41572),

Gene: Travvers_60 Start: 38268, Stop: 37996, Start Num: 136

Candidate Starts for Travvers_60:

(Start: 136 @38268 has 125 MA's), (Start: 170 @38259 has 180 MA's), (207, 38166), (234, 38088), (268, 38034),

Gene: Treddle_63 Start: 42567, Stop: 42298, Start Num: 123

Candidate Starts for Treddle_63:

(Start: 123 @42567 has 30 MA's), (Start: 124 @42564 has 109 MA's), (Start: 129 @42552 has 4 MA's), (Start: 176 @42531 has 7 MA's), (198, 42480), (202, 42465), (211, 42444), (216, 42423), (220, 42414), (232, 42384),

Gene: TreyKay_68 Start: 44110, Stop: 44352, Start Num: 170

Candidate Starts for TreyKay_68:

(Start: 170 @44110 has 180 MA's), (209, 44200), (253, 44296),

Gene: TribbleTrouble_68 Start: 44625, Stop: 44867, Start Num: 170

Candidate Starts for TribbleTrouble_68:

(Start: 170 @44625 has 180 MA's), (Start: 187 @44658 has 2 MA's), (209, 44715), (233, 44787),

Gene: Tripl3t_65 Start: 43651, Stop: 43394, Start Num: 132

Candidate Starts for Tripl3t_65:

(Start: 132 @43651 has 10 MA's), (148, 43633), (Start: 176 @43627 has 7 MA's), (198, 43576), (202, 43561), (211, 43540), (220, 43510), (232, 43480), (273, 43405),

Gene: TrippleS_9 Start: 6080, Stop: 5724, Start Num: 101

Candidate Starts for TrippleS_9:

(Start: 101 @6080 has 19 MA's), (Start: 127 @6041 has 1 MA's), (137, 6026), (203, 5930), (254, 5813), (268, 5774),

Gene: Trouble_63 Start: 41668, Stop: 41399, Start Num: 123

Candidate Starts for Trouble_63:

(Start: 123 @41668 has 30 MA's), (Start: 124 @41665 has 109 MA's), (Start: 129 @41653 has 4 MA's), (Start: 176 @41632 has 7 MA's), (202, 41566), (211, 41545), (216, 41524), (220, 41515), (232, 41485),

Gene: TruffulaTree_67 Start: 43916, Stop: 44158, Start Num: 170

Candidate Starts for TruffulaTree_67:

(Start: 170 @43916 has 180 MA's), (209, 44006), (253, 44102), (262, 44126),

Gene: Truong_9 Start: 6089, Stop: 5751, Start Num: 101

Candidate Starts for Truong_9:

(57, 6161), (Start: 101 @6089 has 19 MA's), (Start: 127 @6050 has 1 MA's), (190, 5978), (203, 5939), (270, 5798),

Gene: Tubs_58 Start: 38225, Stop: 37953, Start Num: 136

Candidate Starts for Tubs_58:

(Start: 136 @38225 has 125 MA's), (Start: 170 @38216 has 180 MA's), (194, 38159), (207, 38123), (221, 38084), (230, 38057), (234, 38045),

Gene: Tuck_36 Start: 27187, Stop: 27453, Start Num: 149

Candidate Starts for Tuck_36:

(37, 26950), (41, 26959), (Start: 149 @27187 has 59 MA's),

Gene: Tuco_38 Start: 33643, Stop: 33888, Start Num: 171

Candidate Starts for Tuco_38:

(Start: 171 @33643 has 120 MA's), (197, 33700), (208, 33733), (211, 33739), (230, 33793), (234, 33805),

Gene: TukTuk_37 Start: 25527, Stop: 25769, Start Num: 174

Candidate Starts for TukTuk_37:

(Start: 174 @25527 has 82 MA's), (231, 25668),

Gene: Turab_32 Start: 24438, Stop: 24704, Start Num: 145

Candidate Starts for Turab_32:

(15, 23982), (37, 24183), (50, 24219), (Start: 145 @24438 has 5 MA's), (233, 24621),

Gene: Turbido_59 Start: 38719, Stop: 38447, Start Num: 136

Candidate Starts for Turbido_59:

(Start: 136 @38719 has 125 MA's), (Start: 170 @38710 has 180 MA's), (Start: 178 @38698 has 1 MA's), (180, 38692),

Gene: Turj99_60 Start: 42063, Stop: 41797, Start Num: 124

Candidate Starts for Turj99_60:

(Start: 123 @42066 has 30 MA's), (Start: 124 @42063 has 109 MA's), (Start: 129 @42051 has 4 MA's), (148, 42036), (Start: 176 @42030 has 7 MA's), (198, 41979), (202, 41964), (211, 41943), (220, 41913), (232, 41883), (273, 41808),

Gene: Tutumahutu_33 Start: 24722, Stop: 24988, Start Num: 149

Candidate Starts for Tutumahutu_33:

(37, 24464), (50, 24500), (Start: 149 @24722 has 59 MA's), (233, 24905),

Gene: Tweety19_33 Start: 23630, Stop: 23896, Start Num: 131

Candidate Starts for Tweety19_33:

(43, 23420), (48, 23429), (Start: 131 @23630 has 2 MA's), (233, 23813),

Gene: Twitch_66 Start: 43624, Stop: 43866, Start Num: 170

Candidate Starts for Twitch_66:

(Start: 170 @43624 has 180 MA's), (209, 43714), (253, 43810), (262, 43834),

Gene: TwoPeat_63 Start: 41915, Stop: 41649, Start Num: 124

Candidate Starts for TwoPeat_63:

(Start: 123 @41918 has 30 MA's), (Start: 124 @41915 has 109 MA's), (Start: 129 @41903 has 4 MA's), (148, 41888), (Start: 176 @41882 has 7 MA's), (198, 41831), (202, 41816), (211, 41795), (220, 41765), (232, 41735),

Gene: TyDawg_39 Start: 32762, Stop: 33040, Start Num: 152

Candidate Starts for TyDawg_39:

(89, 32651), (Start: 152 @32762 has 11 MA's), (Start: 166 @32780 has 24 MA's), (198, 32843), (229, 32930), (232, 32939), (236, 32948),

Gene: Tyson_30 Start: 27735, Stop: 27959, Start Num: 191

Candidate Starts for Tyson_30:

(Start: 168 @27690 has 64 MA's), (Start: 191 @27735 has 6 MA's), (232, 27843),

Gene: UPIE_30 Start: 27688, Stop: 27957, Start Num: 168

Candidate Starts for UPIE_30:

(Start: 168 @27688 has 64 MA's), (Start: 191 @27733 has 6 MA's), (232, 27841),

Gene: Ugenie5_55 Start: 38510, Stop: 38238, Start Num: 136

Candidate Starts for Ugenie5_55:

(Start: 136 @38510 has 125 MA's), (Start: 170 @38501 has 180 MA's), (194, 38444), (207, 38408), (221, 38369), (230, 38342), (234, 38330),

Gene: Ukulele_37 Start: 32893, Stop: 33138, Start Num: 171

Candidate Starts for Ukulele_37:

(Start: 171 @32893 has 120 MA's), (197, 32950), (208, 32983), (211, 32989), (230, 33043), (234, 33055),

Gene: Unicorn_68 Start: 43391, Stop: 43630, Start Num: 170

Candidate Starts for Unicorn_68:

(Start: 170 @43391 has 180 MA's), (Start: 176 @43400 has 7 MA's), (209, 43481), (233, 43550),

Gene: Unphazed_9 Start: 6368, Stop: 6045, Start Num: 100

Candidate Starts for Unphazed_9:

(Start: 100 @6368 has 22 MA's), (135, 6317), (184, 6272), (Start: 191 @6254 has 6 MA's), (228, 6149), (260, 6098),

Gene: Urkel_67 Start: 44362, Stop: 44604, Start Num: 170

Candidate Starts for Urkel_67:

(Start: 170 @44362 has 180 MA's), (209, 44452), (253, 44548), (262, 44572),

Gene: UtzChips_41 Start: 26893, Stop: 27153, Start Num: 151

Candidate Starts for UtzChips_41:

(76, 26767), (Start: 151 @26893 has 16 MA's),

Gene: VC3_61 Start: 38705, Stop: 38394, Start Num: 108

Candidate Starts for VC3_61:

(Start: 108 @38705 has 4 MA's), (Start: 136 @38666 has 125 MA's), (Start: 170 @38657 has 180 MA's), (207, 38564), (224, 38516), (234, 38486),

Gene: VResidence_33 Start: 24693, Stop: 24935, Start Num: 167

Candidate Starts for VResidence_33:

(Start: 167 @24693 has 15 MA's), (195, 24747), (236, 24855),

Gene: Validus_71 Start: 44494, Stop: 44733, Start Num: 170

Candidate Starts for Validus_71:

(Start: 170 @44494 has 180 MA's), (209, 44584), (228, 44638),

Gene: Vanisoa_58 Start: 39326, Stop: 39054, Start Num: 136

Candidate Starts for Vanisoa_58:

(Start: 136 @39326 has 125 MA's), (Start: 170 @39317 has 180 MA's), (194, 39260), (207, 39224), (224, 39176), (234, 39146), (240, 39137),

Gene: Veliki_68 Start: 43889, Stop: 44131, Start Num: 170

Candidate Starts for Veliki_68:

(Start: 170 @43889 has 180 MA's), (209, 43979), (253, 44075), (262, 44099),

Gene: Vendetta_63 Start: 40094, Stop: 40318, Start Num: 170

Candidate Starts for Vendetta_63:

(Start: 170 @40094 has 180 MA's), (192, 40136), (209, 40181), (212, 40190), (230, 40241), (233, 40250),

Gene: Vetric_32 Start: 28428, Stop: 28694, Start Num: 168

Candidate Starts for Vetric_32:

(Start: 168 @28428 has 64 MA's), (Start: 191 @28473 has 6 MA's), (210, 28524), (236, 28590), (273, 28662), (283, 28683),

Gene: Vibaki_39 Start: 33279, Stop: 33614, Start Num: 134

Candidate Starts for Vibaki_39:

(Start: 134 @33279 has 1 MA's), (143, 33294), (244, 33507), (246, 33510), (280, 33585),

Gene: Violet_60 Start: 42922, Stop: 42656, Start Num: 124

Candidate Starts for Violet_60:

(Start: 123 @42925 has 30 MA's), (Start: 124 @42922 has 109 MA's), (Start: 129 @42910 has 4 MA's), (Start: 176 @42889 has 7 MA's), (198, 42838), (202, 42823), (211, 42802), (220, 42772), (232, 42742),

Gene: Vitas_33 Start: 23412, Stop: 23642, Start Num: 174

Candidate Starts for Vitas_33:

(49, 23160), (58, 23190), (Start: 166 @23403 has 24 MA's), (Start: 174 @23412 has 82 MA's), (208, 23499), (268, 23604), (285, 23634),

Gene: Volt_121 Start: 57210, Stop: 57449, Start Num: 177

Candidate Starts for Volt_121:

(Start: 177 @57210 has 6 MA's), (222, 57333), (257, 57405), (258, 57408),

Gene: Waits_64 Start: 37663, Stop: 37394, Start Num: 163

Candidate Starts for Waits_64:

(14, 38107), (17, 38083), (25, 38005), (Start: 163 @37663 has 20 MA's), (234, 37486),

Gene: WalkingDead_38 Start: 27005, Stop: 27238, Start Num: 174

Candidate Starts for WalkingDead_38:

(94, 26876), (95, 26879), (103, 26897), (109, 26909), (111, 26912), (117, 26921), (Start: 166 @26996 has 24 MA's), (Start: 174 @27005 has 82 MA's),

Gene: Wamburgxpress_30 Start: 27703, Stop: 27972, Start Num: 168

Candidate Starts for Wamburgxpress_30:

(Start: 168 @27703 has 64 MA's), (Start: 191 @27748 has 6 MA's), (232, 27856),

Gene: Wanda_58 Start: 44007, Stop: 44255, Start Num: 169

Candidate Starts for Wanda_58:
(Start: 169 @44007 has 31 MA's), (223, 44139),

Gene: Warda_33 Start: 24726, Stop: 24992, Start Num: 149
Candidate Starts for Warda_33:
(37, 24468), (50, 24504), (Start: 149 @24726 has 59 MA's), (233, 24909),

Gene: WaterT_52 Start: 33281, Stop: 33520, Start Num: 173
Candidate Starts for WaterT_52:
(Start: 173 @33281 has 5 MA's), (198, 33338), (208, 33365), (211, 33374),

Gene: Waterfoul_62 Start: 42861, Stop: 43109, Start Num: 170
Candidate Starts for Waterfoul_62:
(Start: 170 @42861 has 180 MA's), (202, 42936), (229, 43008), (244, 43032),

Gene: Waterlily_9 Start: 6089, Stop: 5751, Start Num: 101
Candidate Starts for Waterlily_9:
(57, 6161), (Start: 101 @6089 has 19 MA's), (Start: 127 @6050 has 1 MA's), (190, 5978), (203, 5939),
(218, 5897), (270, 5798),

Gene: Weiss13_40 Start: 36088, Stop: 36333, Start Num: 166
Candidate Starts for Weiss13_40:
(137, 36046), (Start: 166 @36088 has 24 MA's), (180, 36109), (Start: 187 @36130 has 2 MA's), (197,
36154), (198, 36157), (238, 36256), (241, 36259), (244, 36262),

Gene: Welcome_36 Start: 10355, Stop: 10609, Start Num: 174
Candidate Starts for Welcome_36:
(42, 10088), (157, 10340), (Start: 174 @10355 has 82 MA's), (192, 10400), (211, 10451), (217,
10469), (227, 10487),

Gene: Wesak_9 Start: 6219, Stop: 5899, Start Num: 100
Candidate Starts for Wesak_9:
(Start: 100 @6219 has 22 MA's), (Start: 127 @6180 has 1 MA's), (135, 6168), (137, 6165), (228,
6000), (268, 5931),

Gene: Whabigail7_59 Start: 38704, Stop: 38432, Start Num: 136
Candidate Starts for Whabigail7_59:
(Start: 136 @38704 has 125 MA's), (Start: 170 @38695 has 180 MA's), (Start: 178 @38683 has 1
MA's), (180, 38677), (224, 38554),

Gene: Wheeler_64 Start: 41819, Stop: 41544, Start Num: 124
Candidate Starts for Wheeler_64:
(Start: 124 @41819 has 109 MA's), (Start: 129 @41807 has 4 MA's), (198, 41726), (202, 41711), (211,
41690), (220, 41660), (232, 41630), (273, 41555),

Gene: Whirlwind_32 Start: 28525, Stop: 28791, Start Num: 168
Candidate Starts for Whirlwind_32:
(140, 28486), (Start: 168 @28525 has 64 MA's), (Start: 179 @28537 has 9 MA's), (Start: 191 @28570
has 6 MA's), (208, 28618),

Gene: Wiggin_40 Start: 33639, Stop: 33884, Start Num: 171
Candidate Starts for Wiggin_40:

(Start: 171 @33639 has 120 MA's), (197, 33696), (208, 33729), (211, 33735), (230, 33789), (234, 33801),

Gene: Wigglewiggles_32 Start: 28454, Stop: 28720, Start Num: 168

Candidate Starts for Wigglewiggles_32:

(Start: 168 @28454 has 64 MA's), (Start: 191 @28499 has 6 MA's), (210, 28550), (236, 28616), (273, 28688), (283, 28709),

Gene: Wildcat_53 Start: 39356, Stop: 39604, Start Num: 167

Candidate Starts for Wildcat_53:

(Start: 167 @39356 has 15 MA's), (204, 39437), (220, 39485), (233, 39518), (234, 39521), (236, 39524), (256, 39557), (268, 39593),

Gene: Wilder_32 Start: 28427, Stop: 28693, Start Num: 168

Candidate Starts for Wilder_32:

(Start: 168 @28427 has 64 MA's), (Start: 191 @28472 has 6 MA's), (210, 28523), (236, 28589), (273, 28661), (283, 28682),

Gene: Wildwest_33 Start: 24524, Stop: 24790, Start Num: 149

Candidate Starts for Wildwest_33:

(37, 24266), (50, 24302), (Start: 149 @24524 has 59 MA's), (233, 24707),

Gene: Willez_36 Start: 32639, Stop: 32884, Start Num: 171

Candidate Starts for Willez_36:

(Start: 171 @32639 has 120 MA's), (197, 32696), (208, 32729), (211, 32735), (230, 32789), (234, 32801),

Gene: Winky_32 Start: 28422, Stop: 28688, Start Num: 168

Candidate Starts for Winky_32:

(Start: 168 @28422 has 64 MA's), (Start: 191 @28467 has 6 MA's), (210, 28518), (236, 28584), (273, 28656), (283, 28677),

Gene: Wolfstar_31 Start: 9938, Stop: 10189, Start Num: 174

Candidate Starts for Wolfstar_31:

(20, 9515), (26, 9551), (Start: 149 @9908 has 59 MA's), (Start: 153 @9914 has 1 MA's), (Start: 174 @9938 has 82 MA's), (192, 9983), (205, 10019), (248, 10106),

Gene: Wyatt2_30 Start: 27690, Stop: 27959, Start Num: 168

Candidate Starts for Wyatt2_30:

(Start: 168 @27690 has 64 MA's), (Start: 191 @27735 has 6 MA's), (232, 27843),

Gene: Xandras_39 Start: 33125, Stop: 33370, Start Num: 171

Candidate Starts for Xandras_39:

(Start: 171 @33125 has 120 MA's), (197, 33182), (208, 33215), (211, 33221), (230, 33275), (234, 33287),

Gene: Xerxes_50 Start: 34922, Stop: 35170, Start Num: 149

Candidate Starts for Xerxes_50:

(18, 34508), (51, 34715), (62, 34748), (Start: 100 @34844 has 22 MA's), (Start: 149 @34922 has 59 MA's), (Start: 173 @34934 has 5 MA's), (Start: 176 @34940 has 7 MA's), (209, 35018), (232, 35084), (233, 35087),

Gene: Ximenita_72 Start: 44093, Stop: 44332, Start Num: 170

Candidate Starts for Ximenita_72:

(112, 44009), (Start: 170 @44093 has 180 MA's), (Start: 176 @44102 has 7 MA's), (209, 44183), (233, 44252),

Gene: Xitlalli_9 Start: 6353, Stop: 6033, Start Num: 100

Candidate Starts for Xitlalli_9:

(61, 6443), (Start: 100 @6353 has 22 MA's), (135, 6302), (Start: 170 @6287 has 180 MA's), (Start: 191 @6239 has 6 MA's), (252, 6098),

Gene: Yafa_9 Start: 6095, Stop: 5739, Start Num: 101

Candidate Starts for Yafa_9:

(Start: 101 @6095 has 19 MA's), (Start: 127 @6056 has 1 MA's), (137, 6041), (203, 5945), (254, 5828), (268, 5789),

Gene: Yang_33 Start: 24867, Stop: 25133, Start Num: 149

Candidate Starts for Yang_33:

(37, 24609), (50, 24645), (Start: 149 @24867 has 59 MA's), (233, 25050),

Gene: Yappy_53 Start: 13402, Stop: 13620, Start Num: 171

Candidate Starts for Yappy_53:

(Start: 145 @13369 has 5 MA's), (Start: 171 @13402 has 120 MA's), (180, 13414), (192, 13447), (203, 13480),

Gene: YassJohnny_38 Start: 33650, Stop: 33895, Start Num: 171

Candidate Starts for YassJohnny_38:

(Start: 171 @33650 has 120 MA's), (197, 33707), (208, 33740), (211, 33746), (230, 33800), (234, 33812),

Gene: Yecey3_59 Start: 38093, Stop: 37821, Start Num: 136

Candidate Starts for Yecey3_59:

(Start: 136 @38093 has 125 MA's), (Start: 170 @38084 has 180 MA's), (194, 38027), (207, 37991), (224, 37943), (230, 37925),

Gene: Yeet_50 Start: 43428, Stop: 43673, Start Num: 169

Candidate Starts for Yeet_50:

(Start: 169 @43428 has 31 MA's), (198, 43491), (208, 43521), (210, 43524), (233, 43584), (234, 43587), (236, 43590),

Gene: YellowPanda_9 Start: 6219, Stop: 5899, Start Num: 100

Candidate Starts for YellowPanda_9:

(Start: 100 @6219 has 22 MA's), (Start: 127 @6180 has 1 MA's), (135, 6168), (137, 6165), (228, 6000), (268, 5931),

Gene: Yelo_40 Start: 36381, Stop: 36626, Start Num: 166

Candidate Starts for Yelo_40:

(137, 36339), (Start: 166 @36381 has 24 MA's), (180, 36402), (Start: 187 @36423 has 2 MA's), (198, 36450), (238, 36549), (241, 36552), (244, 36555), (269, 36606),

Gene: YesChef_33 Start: 24727, Stop: 24969, Start Num: 149

Candidate Starts for YesChef_33:

(Start: 149 @24727 has 59 MA's), (233, 24886),

Gene: Yotsuba_52 Start: 37228, Stop: 37476, Start Num: 155

Candidate Starts for Yotsuba_52:
(155, 37228), (209, 37327), (211, 37333), (232, 37387), (233, 37390), (236, 37396), (275, 37465),

Gene: Youngblood_37 Start: 33295, Stop: 33540, Start Num: 171
Candidate Starts for Youngblood_37:
(Start: 171 @33295 has 120 MA's), (197, 33352), (208, 33385), (211, 33391), (228, 33439), (230, 33445), (234, 33457),

Gene: YoureAdopted_66 Start: 44035, Stop: 44277, Start Num: 170
Candidate Starts for YoureAdopted_66:
(Start: 170 @44035 has 180 MA's), (209, 44125), (253, 44221), (262, 44245),

Gene: Yuma_34 Start: 10257, Stop: 10511, Start Num: 174
Candidate Starts for Yuma_34:
(157, 10242), (Start: 174 @10257 has 82 MA's), (192, 10302), (248, 10425),

Gene: Yuna_71 Start: 45201, Stop: 45449, Start Num: 170
Candidate Starts for Yuna_71:
(112, 45129), (Start: 170 @45201 has 180 MA's), (209, 45291), (229, 45351), (262, 45411),

Gene: Yunkel11_71 Start: 43949, Stop: 44191, Start Num: 170
Candidate Starts for Yunkel11_71:
(Start: 108 @43871 has 4 MA's), (Start: 170 @43949 has 180 MA's), (253, 44135),

Gene: Zabiza_61 Start: 39772, Stop: 40014, Start Num: 170
Candidate Starts for Zabiza_61:
(Start: 170 @39772 has 180 MA's), (209, 39862), (253, 39958), (262, 39982),

Gene: Zakai_32 Start: 28678, Stop: 28944, Start Num: 168
Candidate Starts for Zakai_32:
(Start: 168 @28678 has 64 MA's), (Start: 191 @28723 has 6 MA's), (236, 28840), (283, 28933),

Gene: Zaria_30 Start: 27704, Stop: 27973, Start Num: 168
Candidate Starts for Zaria_30:
(Start: 168 @27704 has 64 MA's), (Start: 191 @27749 has 6 MA's), (232, 27857),

Gene: Zavala_69 Start: 44194, Stop: 44436, Start Num: 170
Candidate Starts for Zavala_69:
(Start: 170 @44194 has 180 MA's), (209, 44284), (253, 44380), (262, 44404),

Gene: Zelink_53 Start: 45222, Stop: 45467, Start Num: 169
Candidate Starts for Zelink_53:
(Start: 169 @45222 has 31 MA's), (198, 45285), (208, 45315), (210, 45318), (233, 45378), (234, 45381), (236, 45384),

Gene: Zenon_41 Start: 36400, Stop: 36645, Start Num: 166
Candidate Starts for Zenon_41:
(137, 36358), (Start: 166 @36400 has 24 MA's), (180, 36421), (Start: 187 @36442 has 2 MA's), (198, 36469), (238, 36568), (241, 36571), (244, 36574), (269, 36625),

Gene: Zeta1847_35 Start: 25236, Stop: 25493, Start Num: 151
Candidate Starts for Zeta1847_35:

(1, 24102), (2, 24135), (3, 24270), (68, 25080), (Start: 151 @25236 has 16 MA's), (Start: 187 @25275 has 2 MA's),

Gene: Zeuska_67 Start: 44044, Stop: 43775, Start Num: 124

Candidate Starts for Zeuska_67:

(Start: 123 @44047 has 30 MA's), (Start: 124 @44044 has 109 MA's), (Start: 129 @44032 has 4 MA's), (202, 43942), (211, 43921), (220, 43891), (232, 43861),

Gene: Zhengyi_9 Start: 6127, Stop: 5798, Start Num: 100

Candidate Starts for Zhengyi_9:

(Start: 100 @6127 has 22 MA's), (135, 6073), (203, 5974), (228, 5905), (237, 5881), (268, 5836),

Gene: ZhongYanYuan_31 Start: 28288, Stop: 28509, Start Num: 191

Candidate Starts for ZhongYanYuan_31:

(Start: 168 @28243 has 64 MA's), (Start: 191 @28288 has 6 MA's), (210, 28339), (273, 28477), (283, 28498),

Gene: Ziko_119 Start: 57052, Stop: 57291, Start Num: 177

Candidate Starts for Ziko_119:

(Start: 177 @57052 has 6 MA's), (222, 57175), (257, 57247), (258, 57250),

Gene: Zimmer_55 Start: 39223, Stop: 38951, Start Num: 136

Candidate Starts for Zimmer_55:

(114, 39253), (Start: 136 @39223 has 125 MA's), (207, 39121), (224, 39073), (230, 39055), (234, 39043),

Gene: ZoeJ_68 Start: 45471, Stop: 45716, Start Num: 170

Candidate Starts for ZoeJ_68:

(112, 45414), (116, 45420), (Start: 170 @45471 has 180 MA's), (209, 45561), (220, 45597), (233, 45630),

Gene: Zooman_18 Start: 8314, Stop: 8547, Start Num: 174

Candidate Starts for Zooman_18:

(Start: 174 @8314 has 82 MA's), (202, 8389), (271, 8536),

Gene: Zooman_185 Start: 110949, Stop: 110695, Start Num: 167

Candidate Starts for Zooman_185:

(125, 110997), (Start: 167 @110949 has 15 MA's),

Gene: Zooman_331 Start: 183965, Stop: 184198, Start Num: 174

Candidate Starts for Zooman_331:

(Start: 174 @183965 has 82 MA's), (202, 184040), (271, 184187),

Gene: xkcd_38 Start: 33304, Stop: 33549, Start Num: 171

Candidate Starts for xkcd_38:

(Start: 171 @33304 has 120 MA's), (197, 33361), (208, 33394), (211, 33400), (230, 33454), (234, 33466),