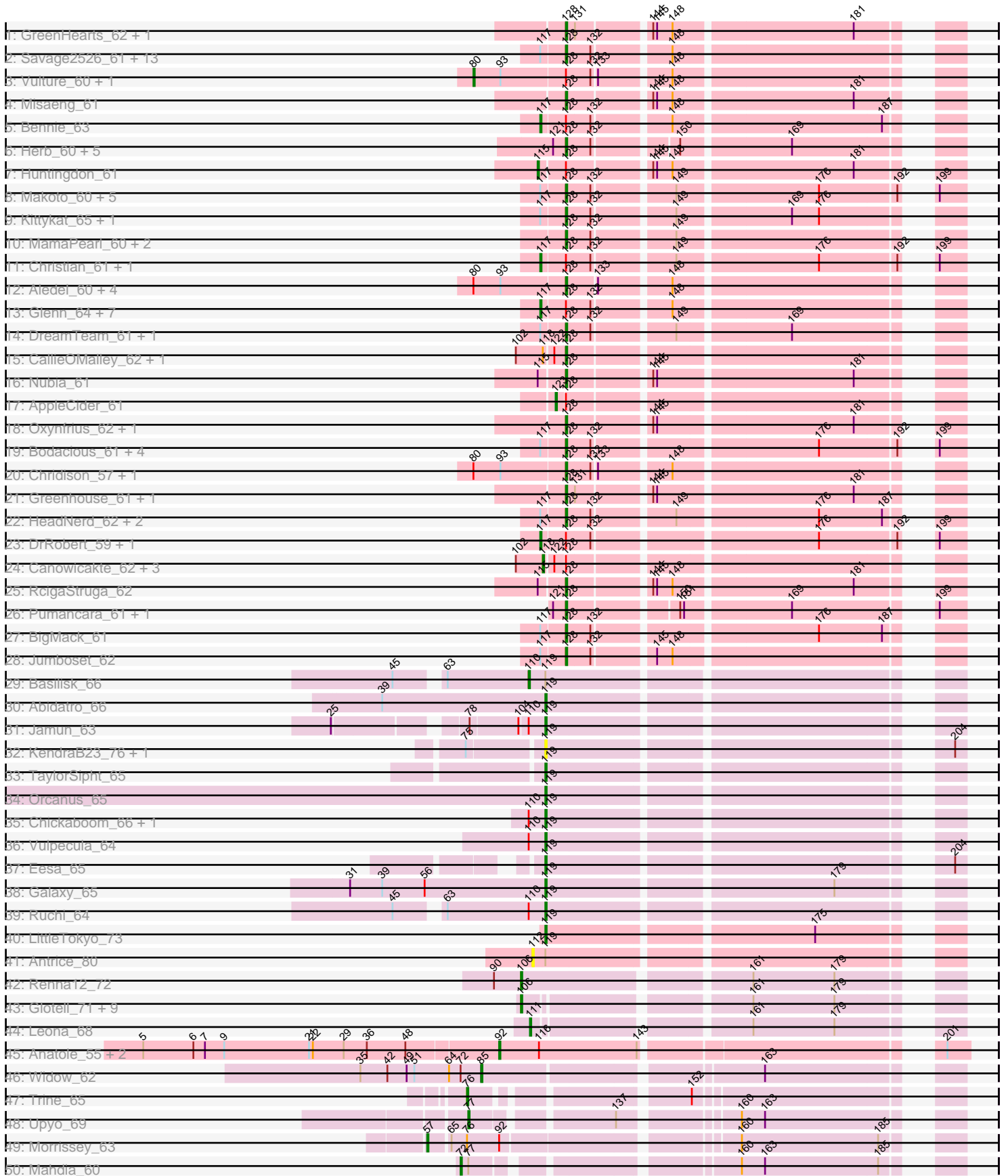
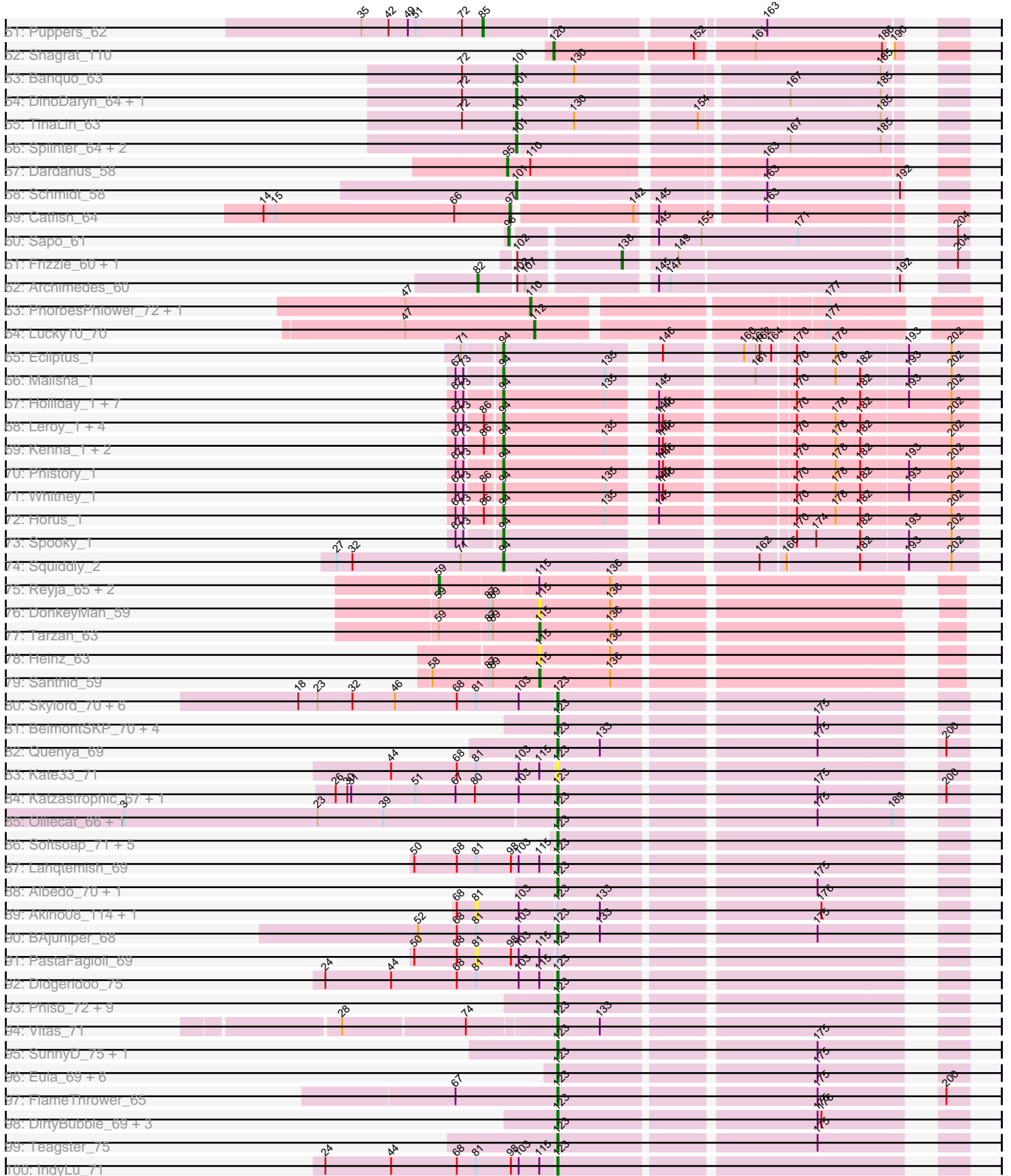


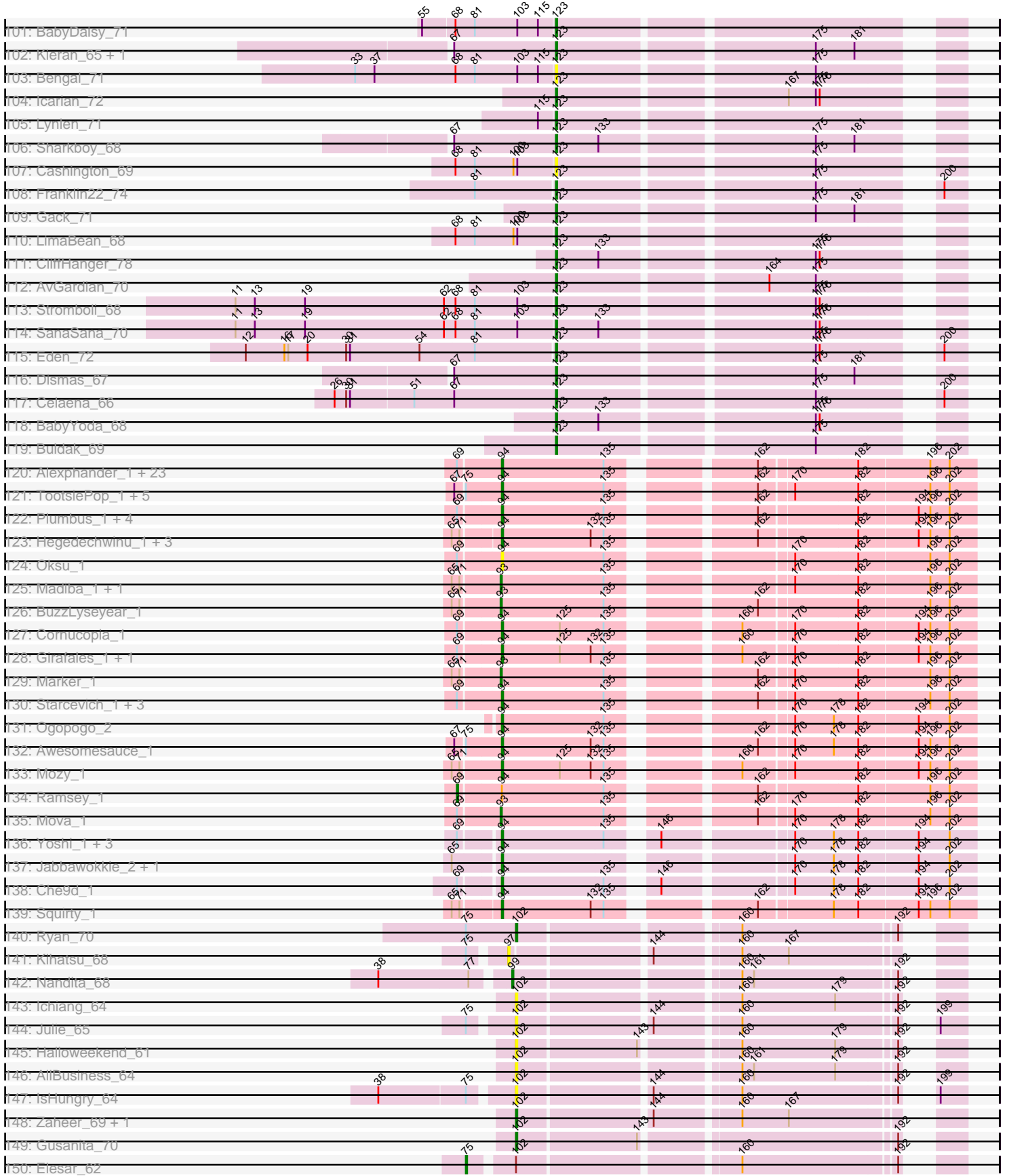
Pham 202547



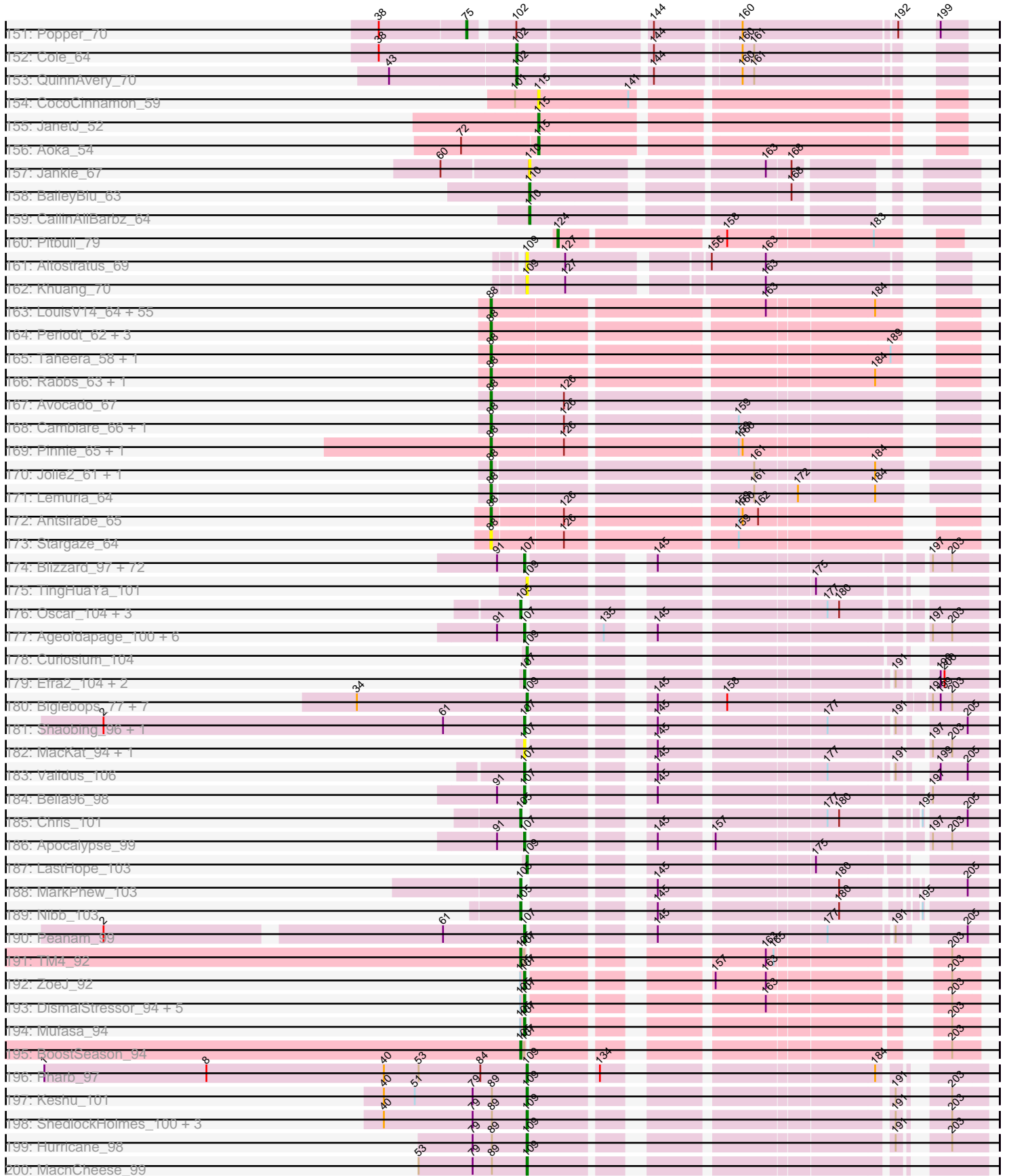
Pham 202547



Pham 202547



Pham 202547



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 202547 Report

This analysis was run 01/18/25 on database version 583.

Pham number 202547 has 616 members, 63 are drafts.

Phages represented in each track:

- Track 1 : GreenHearts_62, Lakshmi_61
- Track 2 : Savage2526_61, Immaculata_62, TattModd_61, Korra_62, BrotherBLo_62, Cholula_62, Potatoes_62, Rozby_60, Riverdale_61, Wawa_62, Carpal_61, Zorro_62, Kalizoi_62, Beethoven_63
- Track 3 : Vulture_60, HunterDalle_60
- Track 4 : Misaeng_61
- Track 5 : Bennie_63
- Track 6 : Herb_60, Maria1952_59, Daiboju_60, KingBob_60, Sergei_60, Temper16_60
- Track 7 : Huntingdon_61
- Track 8 : Makoto_60, OurGirlNessie_59, Lennox_61, WonderBoy_59, Pterodactyl_61, ChewChew_61
- Track 9 : Kittykat_65, Preamble_64
- Track 10 : MamaPearl_60, Urla_62, EstebanJulior_60
- Track 11 : Christian_61, PitaDog_61
- Track 12 : Aledel_60, Riovina_60, Eunoia_62, OMalley_60, AustinPowers_60
- Track 13 : Glenn_64, Vallejo_62, RAP15_63, Scuttle_61, Fluke_62, MrGloopy_62, MeganNoll_63, Dino_62
- Track 14 : DreamTeam_61, Gisselle_61
- Track 15 : CallieOMalley_62, Litotes_62
- Track 16 : Nubia_61
- Track 17 : AppleCider_61
- Track 18 : Oxynfrius_62, Joann_63
- Track 19 : Bodacious_61, CristinaYang_61, Nancia_61, LilStuart_60, Lasagna_59
- Track 20 : Chridison_57, Supakev_60
- Track 21 : Greenhouse_61, Albanese_61
- Track 22 : HeadNerd_62, Huckleberry_62, Moki_62
- Track 23 : DrRobert_59, Lucy_60
- Track 24 : Canowicakte_62, Suppi_62, PartyCup_66, Wayne_64
- Track 25 : RcigaStruga_62
- Track 26 : Pumancara_61, PinkFriday_61
- Track 27 : BigMack_61
- Track 28 : Jumboset_62
- Track 29 : Basilisk_66
- Track 30 : Abidatro_66
- Track 31 : Jamun_63
- Track 32 : KendraB23_76, Toad24_67

- Track 33 : TaylorSipht_65
- Track 34 : Orcanus_65
- Track 35 : Chickaboom_66, Brynnie_64
- Track 36 : Vulpecula_64
- Track 37 : Eesa_65
- Track 38 : Galaxy_65
- Track 39 : Ruchi_64
- Track 40 : LittleTokyo_73
- Track 41 : Antrice_80
- Track 42 : Renna12_72
- Track 43 : Glotell_71, RedFox_71, Atlantica_71, HamCheese_68, KHumphrey_70, Juno112_69, AmiCi24_68, Camara_69, Rattail_71, PhluffyCoco_68
- Track 44 : Leona_68
- Track 45 : Anatole_55, E1_55, B3_57
- Track 46 : Widow_62
- Track 47 : Trine_65
- Track 48 : Upyo_69
- Track 49 : Morrissey_63
- Track 50 : Mahdia_60
- Track 51 : Puppies_62
- Track 52 : Shagrat_110
- Track 53 : Banquo_63
- Track 54 : DinoDaryn_64, Huffy_64
- Track 55 : TinaLin_63
- Track 56 : Splinter_64, TZGordon_65, Vendetta_64
- Track 57 : Dardanus_58
- Track 58 : Schmidt_58
- Track 59 : Catfish_64
- Track 60 : Sapo_61
- Track 61 : Frizzle_60, Ghobes_59
- Track 62 : Archimedes_60
- Track 63 : PhorbessPhlower_72, Morkie_74
- Track 64 : Lucky10_70
- Track 65 : Ecliptus_1
- Track 66 : Malisha_1
- Track 67 : Holliday_1, BotCity_1, Kamaru_1, Budski_1, CheeseTouch_1, Phabuloso_1, ODay_1, LitninMcQueen_1
- Track 68 : Leroy_1, Asapag_1, Getalong_1, BENtherdunthat_1, Frickyeah_1
- Track 69 : Kenna_1, Periwinkle_1, Lutum_1
- Track 70 : Phistory_1
- Track 71 : Whitney_1
- Track 72 : Horus_1
- Track 73 : Spooky_1
- Track 74 : Squiddly_2
- Track 75 : Reyja_65, Hibiscus_63, Jojo24_63
- Track 76 : DonkeyMan_59
- Track 77 : Tarzan_63
- Track 78 : Heinz_63
- Track 79 : Santhid_59
- Track 80 : Skylord_70, Clayda5_72, Armstrong_70, Rollins_70, Bernstein_70, Coltrane_70, Brahms_70
- Track 81 : BelmontSKP_70, PhigPhack_73, AnnaLie_70, SansAfet_72, Arroyo_71
- Track 82 : Quenya_69

- Track 83 : Kate33_71
- Track 84 : Katzastrophic_67, Bachaco_66
- Track 85 : Olliecat_66, Squirrel_66
- Track 86 : Softsoap_71, BubbaBear_68, DickRichards_68, Doobus_68, Albright_69, Avocadoman_69
- Track 87 : Lahqtemish_69
- Track 88 : Albedo_70, Kenzers_69
- Track 89 : Akino08_114, Loviatar_114
- Track 90 : BAjuniper_68
- Track 91 : PastaFagioli_69
- Track 92 : Didgeridoo_75
- Track 93 : Phisb_72, CupcakePrincess_71, Johnathan_70, SarBear_72, Abigail_70, Jabb_71, QMacho_72, CroZenni_71, Burritobowl_72, MsUbiquitous_71
- Track 94 : Vitas_71
- Track 95 : SunnyD_75, Shayna_75
- Track 96 : Eula_69, TukTuk_70, Jovita_68, Slay_70, Finalfrontier_69, Nicky22_69, Swervy_70
- Track 97 : FlameThrower_65
- Track 98 : DirtyBubble_69, Elva_73, Stoor_69, WalkingDead_71
- Track 99 : Teagster_75
- Track 100 : IndyLu_71
- Track 101 : BabyDaisy_71
- Track 102 : Kieran_65, Rona_66
- Track 103 : Bengal_71
- Track 104 : Icarian_72
- Track 105 : Lynlen_71
- Track 106 : Sharkboy_68
- Track 107 : Cashington_69
- Track 108 : Franklin22_74
- Track 109 : Gack_71
- Track 110 : LimaBean_68
- Track 111 : CliffHanger_78
- Track 112 : AvGardian_70
- Track 113 : Stromboli_68
- Track 114 : SanaSana_70
- Track 115 : Eden_72
- Track 116 : Dismas_67
- Track 117 : Celaena_66
- Track 118 : BabyYoda_68
- Track 119 : Buldak_69
- Track 120 : Alexphander_1, Leozinho_1, Spikelee_1, Bobi_1, Kingsley_1, Cerasum_1, UncleRicky_1, Drago_1, Boomer_1, Enby_1, Sarma624_1, DosHalletts_1, Stap_1, Beakin_1, DaWorst_1, Velveteen_1, Coco12_1, BigPhil_1, OwlsT2W_1, RockyHorror_1, Lorde_1, JalFarm20_1, DirtMcgirt_1, Tootsieroll_1
- Track 121 : TootsiePop_1, Aleri_1, DocMcStuffins_1, Misha28_1, Piper2020_1, ChickenDinner_1
- Track 122 : Plumbus_1, Job42_1, Kimberlium_1, MulchExplorer_1, Juice456_1
- Track 123 : Hegedechwinu_1, Frankie_1, Brushbloom_1, Flathead_1
- Track 124 : Oksu_1
- Track 125 : Madiba_1, Pollywog_1
- Track 126 : BuzzLyseyear_1
- Track 127 : Cornucopia_1
- Track 128 : Girafales_1, Quico_1

- Track 129 : Marker_1
- Track 130 : Starceвич_1, Totinger_1, Rialto_1, LittleShirley_1
- Track 131 : Ogopogo_2
- Track 132 : Awesomesauce_1
- Track 133 : Mozy_1
- Track 134 : Ramsey_1
- Track 135 : Mova_1
- Track 136 : Yoshi_1, Avani_1, Demsculpinboyz_1, Soul22_1
- Track 137 : Jabbawokkie_2, Zapner_2
- Track 138 : Che9d_1
- Track 139 : Squirty_1
- Track 140 : Ryan_70
- Track 141 : Kihatsu_68
- Track 142 : Nandita_68
- Track 143 : Ichiang_64
- Track 144 : Julie_65
- Track 145 : Halloweekend_61
- Track 146 : AllBusiness_64
- Track 147 : IsHungry_64
- Track 148 : Zaheer_69, Lenoxika_66
- Track 149 : Gusanita_70
- Track 150 : Elesar_62
- Track 151 : Popper_70
- Track 152 : Cole_64
- Track 153 : QuinnAvery_70
- Track 154 : CocoCinnamon_59
- Track 155 : JanetJ_52
- Track 156 : Aoka_54
- Track 157 : Jankie_67
- Track 158 : BaileyBlu_63
- Track 159 : CallinAllBarbz_64
- Track 160 : Pitbull_79
- Track 161 : Altostratus_69
- Track 162 : Khuang_70
- Track 163 : LouisV14_64, Camri_62, Marmie_62, PinkYoshi_62, Phish_61, CassieYates_62, Remy19_62, Grizzly_61, BQuat_61, Kareem_63, Jane_63, Maliketh_61, Hope_62, OctaviousRex_61, Renaissance_61, Aroostook_62, Annihilator_61, Jonghyun_60, Phreak_62, Hotshotbaby7_62, Mowgli_62, CLED96_61, Cedasite_62, JorRay_63, BruceB_62, Sweets_62, Cherrybomb426_61, Frosty24_62, DNAIII_0059, TomBrady_62, Chance64_62, DMoney_61, Gideon_62, Kasen3_63, Sizemore_63, Gomashi_61, Coleslaw_61, TinaBug_60, Halo_63, Crespo_61, Darionha_62, Angel_60, Olga_63, Plagueis_62, Peeb_61, ShaboiShabazz_61, BPs_62, ECartman_60, Avrafan_61, ZoMa_61, Wendigo_61, Schiebel_60, Jolene_62, Zombie_62, AzulaCat_61, GoldenAsh_60
- Track 164 : Periodt_62, Barkley26_59, Liefie_59, Paito_63
- Track 165 : Taheera_58, Terror_58
- Track 166 : Rabbs_63, Sneeze_62
- Track 167 : Avocado_67
- Track 168 : Cambiare_66, FlagStaff_64
- Track 169 : Pinnie_65, MOOREtheMARYer_66
- Track 170 : Jolie2_61, Mercurio_63
- Track 171 : Lemuria_64
- Track 172 : Antsirabe_65

- Track 173 : Stargaze_64
- Track 174 : Blizzard_97, Adonis_96, TreyKay_98, Capricorn_97, Homura_95, Beezoo_100, Angelica_95, Adephegia_95, JAWS_95, MeaningOfLife_98, Megsy_102, Deby_96, Geraldini_97, BGIlluviae_96, Boiiii_97, Jeckyll_97, Belladonna_97, Veliki_97, YoureAdopted_95, Spock_96, Tachez_97, Jayhawk_100, ActinUp_97, Atiba_97, LindNT_94, BEEST_96, BaghaKamala_96, Lunahalos_96, CallaLilly_97, Emerson_101, HedwigODU_96, ShiaSurprise_99, TaiwanKao_98, Durfee_97, DrHayes_98, Anaya_99, Ramen_97, Sulley_95, Rapunzel97_99, AlishaPH_89, TruffulaTree_98, TiniBug_95, Prithvi_98, Hyperbowlee_95, CheetoDust_96, Jarvi_96, Zabiza_92, Bern_99, Pokerus_96, Slimphazie_99, SamuelLPlaqson_98, Mynx_97, Dalmuri_97, Ganymede_96, Padpat_101, CrimD_96, Twitch_97, QuincyRose_94, Rosmarinus_97, CaseJules_100, Piatt_95, BarrelRoll_96, Padfoot_96, Peel_96, Llorens_96, CREW_95, Tiri_97, Asayake_97, Urkel_98, Inky_96, Topper_96, Joy99_98, Zavala_98
- Track 175 : TingHuaYa_101
- Track 176 : Oscar_104, KiSi_104, Scarlett_103, LeMond_103
- Track 177 : Ageofdapage_100, Murucutumbu_96, Illumine_100, Stinson_97, Devera_103, LaterM_96, Dole_99
- Track 178 : Curiosium_104
- Track 179 : Efra2_104, Guanica15_103, Yunkel11_101
- Track 180 : Binglebops_77, SgtBeansprout_78, LilPharaoh_78, Enkosi_79, Amelie_77, Nutello_77, Mdavu_78, Nikao_80
- Track 181 : Shaobing_96, Niklas_98
- Track 182 : MacKat_94, Clipper_104
- Track 183 : Validus_106
- Track 184 : Bella96_98
- Track 185 : Chris_101
- Track 186 : Apocalypse_99
- Track 187 : LastHope_103
- Track 188 : MarkPhew_103
- Track 189 : Nibb_103
- Track 190 : Peanam_99
- Track 191 : TM4_92
- Track 192 : ZoeJ_92
- Track 193 : DismalStressor_94, Findley_94, Strobilo_95, Marcoliusprime_92, DismalFunk_94, Milly_94
- Track 194 : Mufasa_94
- Track 195 : BoostSeason_94
- Track 196 : Pharb_97
- Track 197 : Keshu_101
- Track 198 : ShedlockHolmes_100, TBond007_97, TripleTrouble_97, Pixie_100
- Track 199 : Hurricane_98
- Track 200 : MacnCheese_99
- Track 201 : Taquito_94, Chancellor_94, Slarp_92, Cheetobro_92, SamScheppers_93, OmniCritical_94, Mitti_94
- Track 202 : JF1_94, Malthus_95, Kraw_95, Y2_90, Fionnbharth_94, Juliette_96, Ruthiejr_96, Y10_90, Eponine_96, Wintermute_94
- Track 203 : MissDaisy_88, Reptar3000_88, Patt_87
- Track 204 : OkiRoe_97, Waterfoul_95, Guillsminger_96, Thyatira_97, SoSeph_96, Heftyboy_96, Miryou_98, Leston_95, Gengar_96, Paola_93, Feyre_98
- Track 205 : Psycho_98, Dadosky_100, Larva_98, Neighly_100, AlleyCat_100
- Track 206 : Collard_95, InvictusManeo_97, ViviJ_105, Kratio_100, Agent47_97
- Track 207 : Rando14_92, Omnicron_96

- Track 208 : Edugator_92
- Track 209 : Shadow1_100, Cain_102, Bryler_94, Phrank_103, Sunflower1121_100
- Track 210 : Krueger_101
- Track 211 : Amgine_97, Ellie_96, Fefferhead_98
- Track 212 : Ekdilam_92
- Track 213 : November_95
- Track 214 : SirPhilip_98
- Track 215 : Yuna_100
- Track 216 : Hammy_95, DarthP_95, Amohnition_95
- Track 217 : Tierra_102, PhelpsODU_92, Ximenita_103, Syra333_99
- Track 218 : TClif_100
- Track 219 : Marshawn_96
- Track 220 : Aminay_104
- Track 221 : Boilgate_83
- Track 222 : Typha_129, Hilltopfarm_134, AuntGwenStacy_132
- Track 223 : Cracklewink_136
- Track 224 : Bipper_136
- Track 225 : Min1_34
- Track 226 : P3MA_62
- Track 227 : IdentityCrisis_61
- Track 228 : BFK20_ORF55
- Track 229 : LilSpotty_85
- Track 230 : Sleepyhead_67
- Track 231 : ArV2_68

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

The start number called the most often in the published annotations is 107, it was called in 124 of the 553 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- ActinUp_97, Adephegia_95, Adonis_96, Agent47_97, Ageofdapage_100, AlishaPH_89, AlleyCat_100, Amgine_97, Amohnition_95, Anaya_99, Angelica_95, Apocalypse_99, Asayake_97, Atiba_97, BEEST_96, BGlluviae_96, BaghaKamala_96, BarrelRoll_96, Beezoo_100, Bella96_98, Belladonna_97, Bern_99, Blizzard_97, Boiiii_97, CREW_95, CallaLilly_97, Capricorn_97, CaseJules_100, CheetoDust_96, Clipper_104, Collard_95, CrimD_96, Dadosky_100, Dalmuri_97, DarthP_95, Deby_96, Devera_103, DismalFunk_94, DismalStressor_94, Dole_99, DrHayes_98, Durfee_97, Edugator_92, Efra2_104, Ekdilam_92, Ellie_96, Emerson_101, Fefferhead_98, Feyre_98, Findley_94, Ganymede_96, Gengar_96, Geraldini_97, Guanica15_103, Guillsminger_96, Hammy_95, HedwigODU_96, Heftyboy_96, Homura_95, Hyperbowlee_95, Illumine_100, Inky_96, InvictusManeo_97, JAWS_95, Jarvi_96, Jayhawk_100, Jeckyll_97, Joy99_98, Kratio_100, Larva_98, LaterM_96, Leston_95, LindNT_94, Llorens_96, Lunahalos_96, MacKat_94, Marcoliusprime_92, Marshawn_96, MeaningOfLife_98, Megsy_102, Milly_94, Miryou_98, Mufasa_94, Murucutumbu_96, Mynx_97, Neighly_100, Niklas_98, November_95, OkiRoe_97, Omnicron_96, Padfoot_96, Padpat_101, Paola_93, Peanam_99, Peel_96, Piatt_95, Pokerus_96, Prithvi_98, Psycho_98, QuincyRose_94, Ramen_97, Rando14_92, Rapunzel97_99, Rosmarinus_97, SamuelLPlaqson_98, Shaobing_96, ShiaSurprise_99,

Slimphazie_99, SoSeph_96, Spock_96, Stinson_97, Strobilo_95, Sulley_95, Tachez_97, TaiwanKao_98, Thyatira_97, TiniBug_95, Tiri_97, Topper_96, TreyKay_98, TruffulaTree_98, Twitch_97, Urkel_98, Validus_106, Veliki_97, ViviJ_105, Waterfoul_95, YoureAdopted_95, Yunkel11_101, Zabiza_92, Zavala_98, ZoeJ_92,

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

- Archimedes_60, BoostSeason_94, TM4_92,

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

- Abidatro_66, Abigail_70, Akino08_114, Albanese_61, Albedo_70, Albright_69, Aledel_60, Alexphander_1, AllBusiness_64, Aloeri_1, Altostratus_69, Amelie_77, AmiCi24_68, Aminay_104, Anatole_55, Angel_60, AnnaLie_70, Annihilator_61, Antrice_80, Antsirabe_65, Aoka_54, AppleCider_61, ArV2_68, Armstrong_70, Aroostook_62, Arroyo_71, Asapag_1, Atlantica_71, AuntGwenStacy_132, AustinPowers_60, AvGardian_70, Avani_1, Avocado_67, Avocadoman_69, Avrafan_61, Awesomesauce_1, AzulaCat_61, B3_57, BAjuniper_68, BENTherdunthat_1, BFK20_ORF55, BPs_62, BQuat_61, BabyDaisy_71, BabyYoda_68, Bachaco_66, BaileyBlu_63, Banquo_63, Barkley26_59, Basilisk_66, Beakin_1, Beethoven_63, BelmontSKP_70, Bengal_71, Bennie_63, Bernstein_70, BigMack_61, BigPhil_1, Binglebops_77, Bipper_136, Bobi_1, Bodacious_61, Boilgate_83, Boomer_1, BotCity_1, Brahms_70, BrotherBLo_62, BruceB_62, Brushbloom_1, Bryler_94, Brynnie_64, BubbaBear_68, Budski_1, Buldak_69, Burritobowl_72, BuzzLyseyear_1, CLED96_61, Cain_102, CallieOMalley_62, CallinAllBarbz_64, Camara_69, Cambiare_66, Camri_62, Canowicakte_62, Carpal_61, Cashington_69, CassieYates_62, Catfish_64, Cedasite_62, Celaena_66, Cerasum_1, Chance64_62, Chancellor_94, Che9d_1, CheeseTouch_1, Cheetobro_92, Cherrybomb426_61, ChewChew_61, Chickaboom_66, ChickenDinner_1, Cholula_62, Chridison_57, Chris_101, Christian_61, Clayda5_72, CliffHanger_78, Coco12_1, CocoCinnamon_59, Cole_64, Coleslaw_61, Coltrane_70, Cornucopia_1, Cracklewink_136, Crespo_61, CristinaYang_61, CroZenni_71, CupcakePrincess_71, Curiosium_104, DMoney_61, DNAlll_0059, DaWorst_1, Daiboju_60, Dardanus_58, Darionha_62, Demsculpinboyz_1, DickRichards_68, Didgeridoo_75, DinoDaryn_64, Dino_62, DirtMcgirt_1, DirtyBubble_69, Dismas_67, DocMcStuffins_1, DonkeyMan_59, Doobus_68, DosHalletts_1, DrRobert_59, Drago_1, DreamTeam_61, E1_55, ECartman_60, Ecliptus_1, Eden_72, Eesa_65, Elesar_62, Elva_73, Enby_1, Enkosi_79, Eponine_96, EstebanJulior_60, Eula_69, Eunoia_62, Finalfrontier_69, Fionnbharth_94, FlagStaff_64, FlameThrower_65, Flathead_1, Fluke_62, Frankie_1, Franklin22_74, Frickyeh_1, Frizzle_60, Frosty24_62, Gack_71, Galaxy_65, Getalong_1, Ghobes_59, Gideon_62, Girafales_1, Gisselle_61, Glenn_64, Glotell_71, GoldenAsh_60, Gomashi_61, GreenHearts_62, Greenhouse_61, Grizzly_61, Gusanita_70, Halloween_61, Halo_63, HamCheese_68, HeadNerd_62, Hegedechwinu_1, Heinz_63, Herb_60, Hibiscus_63, Hilltopfarm_134, Holliday_1, Hope_62, Horus_1, Hotshotbaby7_62, Huckleberry_62, Huffy_64, HunterDalle_60, Huntingdon_61, Hurricane_98, Icarian_72, Ichiang_64, IdentityCrisis_61, Immaculata_62, IndyLu_71, IsHungry_64, JF1_94, Jabb_71, Jabbawokkie_2, JalFarm20_1, Jamun_63, Jane_63, JanetJ_52, Jankie_67, Joann_63, Job42_1, Johnathan_70, Jojo24_63, Jolene_62, Jolie2_61, Jonghyun_60, JorRay_63, Jovita_68, Juice456_1, Julie_65, Juliette_96, Jumboset_62, Juno112_69, KHumphrey_70, Kalizoi_62, Kamaru_1, Kareem_63, Kasen3_63, Kate33_71, Katzastrophic_67, KendraB23_76, Kenna_1, Kenzers_69, Keshu_101, Khuang_70, KiSi_104, Kieran_65, Kihatsu_68, Kimberlium_1, KingBob_60, Kingsley_1, Kittykat_65, Korra_62, Kraw_95, Krueger_101,

Lahqtemish_69, Lakshmi_61, Lasagna_59, LastHope_103, LeMond_103, Lemuria_64, Lennox_61, Lenoxika_66, Leona_68, Leozinho_1, Leroy_1, Liefie_59, LilPharaoh_78, LilSpotty_85, LilStuart_60, LimaBean_68, LitninMcQueen_1, Litotes_62, LittleShirley_1, LittleTokyo_73, Lorde_1, LouisV14_64, Loviatar_114, Lucky10_70, Lucy_60, Lutum_1, Lynlen_71, MOOREtheMARYer_66, MacnCheese_99, Madiba_1, Mahdia_60, Makoto_60, Maliketh_61, Malisha_1, Malthus_95, MamaPearl_60, Maria1952_59, MarkPhew_103, Marker_1, Marmie_62, Mdavu_78, MeganNoll_63, Mercurio_63, Min1_34, Misaeng_61, Misha28_1, MissDaisy_88, Mitti_94, Moki_62, Morkie_74, Morrissey_63, Mova_1, Mowgli_62, Mozy_1, MrGloopy_62, MsUbiquitous_71, MulchExplorer_1, Nancia_61, Nandita_68, Nibb_103, Nicky22_69, Nikao_80, Nubia_61, Nutello_77, ODay_1, OMalley_60, OctaviousRex_61, Ogopogo_2, Oksu_1, Olga_63, Olliecat_66, OmniCritical_94, Orcanus_65, Oscar_104, OurGirlNessie_59, OwlsT2W_1, Oxynfrius_62, P3MA_62, Paito_63, PartyCup_66, PastaFagioli_69, Patt_87, Peeb_61, Periodt_62, Periwinkle_1, Phabuloso_1, Pharb_97, PhelpsODU_92, PhigPhack_73, Phisb_72, Phish_61, Phistory_1, PhluffyCoco_68, PhorbesPhlower_72, Phrank_103, Phreak_62, PinkFriday_61, PinkYoshi_62, Pinnie_65, Piper2020_1, PitaDog_61, Pitbull_79, Pixie_100, Plagueis_62, Plumbus_1, Pollywog_1, Popper_70, Potatoes_62, Preamble_64, Pterodactyl_61, Pumancara_61, Puppies_62, QMacho_72, Quenya_69, Quico_1, QuinnAvery_70, RAP15_63, Rabbs_63, Ramsey_1, Rattail_71, RcigaStruga_62, RedFox_71, Remy19_62, Renaissance_61, Renna12_72, Reptar3000_88, Reyja_65, Rialto_1, Riovina_60, Riverdale_61, RockyHorror_1, Rollins_70, Rona_66, Rozby_60, Ruchi_64, Ruthiejr_96, Ryan_70, SamScheppers_93, SanaSana_70, SansAfet_72, Santhid_59, Sapo_61, SarBear_72, Sarma624_1, Savage2526_61, Scarlett_103, Schiebel_60, Schmidt_58, Scuttle_61, Sergei_60, SgtBeansprout_78, ShaboiShabazz_61, Shadow1_100, Shagrat_110, Sharkboy_68, Shayna_75, ShedlockHolmes_100, SirPhilip_98, Sizemore_63, Skylord_70, Slarp_92, Slay_70, Sleepyhead_67, Sneeze_62, Softsoap_71, Soul22_1, Spikelee_1, Splinter_64, Spooky_1, Squiddly_2, Squircle_66, Squirty_1, Stap_1, Starceвич_1, Stargaze_64, Stoor_69, Stromboli_68, Sunflower1121_100, SunnyD_75, Supakev_60, Suppi_62, Sweets_62, Swervy_70, Syra333_99, TBond007_97, TClif_100, TZGordon_65, Taheera_58, Taquito_94, Tarzan_63, TattModd_61, TaylorSipht_65, Teagster_75, Temper16_60, Terror_58, Tierra_102, TinaBug_60, TinaLin_63, TingHuaYa_101, Toad24_67, TomBrady_62, TootsiePop_1, Tootsieroll_1, Totinger_1, TribbleTrouble_97, Trine_65, TukTuk_70, Typha_129, UncleRicky_1, Upyo_69, Urla_62, Vallejo_62, Velveteen_1, Vendetta_64, Vitas_71, Vulpecula_64, Vulture_60, WalkingDead_71, Wawa_62, Wayne_64, Wendigo_61, Whitney_1, Widow_62, Wintermute_94, WonderBoy_59, Ximenita_103, Y10_90, Y2_90, Yoshi_1, Yuna_100, Zaheer_69, Zapner_2, ZoMa_61, Zombie_62, Zorro_62,

Summary by start number:

Start 57:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Morrissey_63 (CD),

Start 59:

- Found in 5 of 616 (0.8%) of genes in pham
- Manual Annotations of this start: 3 of 553
- Called 60.0% of time when present

- Phage (with cluster) where this start called: Hibiscus_63 (DY), Jojo24_63 (DY), Reyja_65 (DY),

Start 69:

- Found in 44 of 616 (7.1%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 2.3% of time when present
- Phage (with cluster) where this start called: Ramsey_1 (F1),

Start 72:

- Found in 8 of 616 (1.3%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 12.5% of time when present
- Phage (with cluster) where this start called: Mahdia_60 (CD),

Start 75:

- Found in 15 of 616 (2.4%) of genes in pham
- Manual Annotations of this start: 2 of 553
- Called 13.3% of time when present
- Phage (with cluster) where this start called: Elesar_62 (FF), Popper_70 (FF),

Start 76:

- Found in 2 of 616 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Trine_65 (CD),

Start 77:

- Found in 3 of 616 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Upyo_69 (CD),

Start 80:

- Found in 11 of 616 (1.8%) of genes in pham
- Manual Annotations of this start: 2 of 553
- Called 18.2% of time when present
- Phage (with cluster) where this start called: HunterDalle_60 (AK), Vulture_60 (AK),

Start 81:

- Found in 24 of 616 (3.9%) of genes in pham
- No Manual Annotations of this start.
- Called 12.5% of time when present
- Phage (with cluster) where this start called: Akino08_114 (EB), Loviatar_114 (EB), PastaFagioli_69 (EB),

Start 82:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Archimedes_60 (DA),

Start 83:

- Found in 6 of 616 (1.0%) of genes in pham
- Manual Annotations of this start: 4 of 553
- Called 83.3% of time when present
- Phage (with cluster) where this start called: AuntGwenStacy_132 (Y), Bipper_136 (Y), Cracklewink_136 (Y), Hilltopfarm_134 (Y), Typha_129 (Y),

Start 85:

- Found in 2 of 616 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Puppies_62 (CD), Widow_62 (CD),

Start 88:

- Found in 74 of 616 (12.0%) of genes in pham
- Manual Annotations of this start: 68 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Angel_60 (G1), Annihilator_61 (G1), Antsirabe_65 (G5), Aroostook_62 (G1), Avocado_67 (G2), Avrafan_61 (G1), AzulaCat_61 (G1), BPs_62 (G1), BQuat_61 (G1), Barkley26_59 (G1), BruceB_62 (G1), CLED96_61 (G1), Cambiare_66 (G2), Camri_62 (G1), CassieYates_62 (G1), Cedasite_62 (G1), Chance64_62 (G1), Cherrybomb426_61 (G1), Coleslaw_61 (G1), Crespo_61 (G1), DMoney_61 (G1), DNAIII_0059 (G1), Darionha_62 (G1), ECartman_60 (G1), FlagStaff_64 (G2), Frosty24_62 (G1), Gideon_62 (G1), GoldenAsh_60 (G1), Gomashi_61 (G1), Grizzly_61 (G1), Halo_63 (G1), Hope_62 (G1), Hotshotbaby7_62 (G1), Jane_63 (G1), Jolene_62 (G1), Jolie2_61 (G4), Jonghyun_60 (G1), JorRay_63 (G1), Kareem_63 (G1), Kasen3_63 (G1), Lemuria_64 (G4), Liefie_59 (G1), LouisV14_64 (G1), MOOREtheMARYer_66 (G3), Maliketh_61 (G1), Marmie_62 (G1), Mercurio_63 (G4), Mowgli_62 (G1), OctaviousRex_61 (G1), Olga_63 (G1), Paito_63 (G1), Peeb_61 (G1), Periodt_62 (G1), Phish_61 (G1), Phreak_62 (G1), PinkYoshi_62 (G1), Pinnie_65 (G3), Plagueis_62 (G1), Rabbs_63 (G1), Remy19_62 (G1), Renaissance_61 (G1), Schiebel_60 (G1), ShaboiShabazz_61 (G1), Sizemore_63 (G1), Sneeze_62 (G1), Stargaze_64 (G5), Sweets_62 (G1), Taheera_58 (G1), Terror_58 (G1), TinaBug_60 (G1), TomBrady_62 (G1), Wendigo_61 (G1), ZoMa_61 (G1), Zombie_62 (G1),

Start 89:

- Found in 12 of 616 (1.9%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 8.3% of time when present
- Phage (with cluster) where this start called: IdentityCrisis_61 (singleton),

Start 92:

- Found in 5 of 616 (0.8%) of genes in pham
- Manual Annotations of this start: 3 of 553
- Called 60.0% of time when present
- Phage (with cluster) where this start called: Anatole_55 (BV), B3_57 (BV), E1_55 (BV),

Start 93:

- Found in 14 of 616 (2.3%) of genes in pham
- Manual Annotations of this start: 5 of 553
- Called 35.7% of time when present

- Phage (with cluster) where this start called: BuzzLyseyear_1 (F1), Madiba_1 (F1), Marker_1 (F1), Mova_1 (F1), Pollywog_1 (F1),

Start 94:

- Found in 83 of 616 (13.5%) of genes in pham
- Manual Annotations of this start: 74 of 553
- Called 98.8% of time when present
- Phage (with cluster) where this start called: Alexphander_1 (F1), Aloeri_1 (F1), ArV2_68 (singleton), Asapag_1 (DN1), Avani_1 (F2), Awesomesauce_1 (F1), BENTherdunthat_1 (DN1), Beakin_1 (F1), BigPhil_1 (F1), Bobi_1 (F1), Boomer_1 (F1), BotCity_1 (DN), Brushbloom_1 (F1), Budski_1 (DN), Cerasum_1 (F1), Che9d_1 (F2), CheeseTouch_1 (DN1), ChickenDinner_1 (F1), Coco12_1 (F1), Cornucopia_1 (F1), DaWorst_1 (F1), Demsculpinboyz_1 (F2), DirtMcgirt_1 (F1), DocMcStuffins_1 (F1), DosHalletts_1 (F1), Drago_1 (F1), Ecliptus_1 (DN), Enby_1 (F1), Flathead_1 (F1), Frankie_1 (F1), Frickyeah_1 (DN1), Getalong_1 (DN1), Girafales_1 (F1), Hegedechwinu_1 (F1), Holliday_1 (DN1), Horus_1 (DN1), Jabbawokkie_2 (F2), JalFarm20_1 (F1), Job42_1 (F1), Juice456_1 (F1), Kamaru_1 (DN1), Kenna_1 (DN1), Kimberlium_1 (F1), Kingsley_1 (F1), Leozinho_1 (F1), Leroy_1 (DN1), LitninMcQueen_1 (DN1), LittleShirley_1 (F1), Lorde_1 (F1), Lutum_1 (DN1), Malisha_1 (DN), Misha28_1 (F1), Mozy_1 (F1), MulchExplorer_1 (F1), ODay_1 (DN), Ogopogo_2 (F1), Oksu_1 (F1), OwlsT2W_1 (F1), Periwinkle_1 (DN1), Phabuloso_1 (DN1), Phistory_1 (DN1), Piper2020_1 (F1), Plumbus_1 (F1), Quico_1 (F1), Rialto_1 (F1), RockyHorror_1 (F1), Sarma624_1 (F1), Soul22_1 (F2), Spikelee_1 (F1), Spooky_1 (DN2), Squiddly_2 (DN2), Squirty_1 (F3), Stap_1 (F1), Starcevich_1 (F1), TootsiePop_1 (F1), Tootsieroll_1 (F1), Totinger_1 (F1), UncleRicky_1 (F1), Velveteen_1 (F1), Whitney_1 (DN1), Yoshi_1 (F2), Zapner_2 (F2),

Start 95:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Dardanus_58 (CU3),

Start 96:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sapo_61 (DA),

Start 97:

- Found in 2 of 616 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Catfish_64 (CU5), Kihatsu_68 (FF),

Start 99:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Nandita_68 (FF),

Start 101:

- Found in 10 of 616 (1.6%) of genes in pham

- Manual Annotations of this start: 8 of 553
- Called 80.0% of time when present
- Phage (with cluster) where this start called: Banquo_63 (CU1), DinoDaryn_64 (CU1), Huffy_64 (CU1), Schmidt_58 (CU4), Splinter_64 (CU1), TZGordon_65 (CU1), TinaLin_63 (CU1), Vendetta_64 (CU1),

Start 102:

- Found in 23 of 616 (3.7%) of genes in pham
- Manual Annotations of this start: 6 of 553
- Called 52.2% of time when present
- Phage (with cluster) where this start called: AllBusiness_64 (FF), Cole_64 (FF), Gusanita_70 (FF), Halloween_61 (FF), Ichiang_64 (FF), IsHungry_64 (FF), Julie_65 (FF), Lenoxika_66 (FF), QuinnAvery_70 (FF), Ryan_70 (FF), Yuna_100 (K6), Zaheer_69 (FF),

Start 105:

- Found in 30 of 616 (4.9%) of genes in pham
- Manual Annotations of this start: 22 of 553
- Called 73.3% of time when present
- Phage (with cluster) where this start called: Aminay_104 (K7), BoostSeason_94 (K2), Bryler_94 (K6), Cain_102 (K6), Chris_101 (K1), KiSi_104 (K1), Krueger_101 (K6), LeMond_103 (K1), MarkPhew_103 (K1), Nibb_103 (K1), Oscar_104 (K1), PhelpsODU_92 (K6), Phrank_103 (K6), Scarlett_103 (K1), Shadow1_100 (K6), SirPhilip_98 (K6), Sunflower1121_100 (K6), Syra333_99 (K6), TClif_100 (K6), TM4_92 (K2), Tierra_102 (K6), Ximenita_103 (K6),

Start 106:

- Found in 11 of 616 (1.8%) of genes in pham
- Manual Annotations of this start: 5 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AmiCi24_68 (AS3), Atlantica_71 (AS3), Camara_69 (AS3), Glotell_71 (AS3), HamCheese_68 (AS3), Juno112_69 (AS3), KHumphrey_70 (AS3), PhluffyCoco_68 (AS3), Rattail_71 (AS3), RedFox_71 (AS3), Renna12_72 (AS3),

Start 107:

- Found in 135 of 616 (21.9%) of genes in pham
- Manual Annotations of this start: 124 of 553
- Called 97.8% of time when present
- Phage (with cluster) where this start called: ActinUp_97 (K1), Adephegia_95 (K1), Adonis_96 (K1), Agent47_97 (K5), Ageofdapage_100 (K1), AlishaPH_89 (K1), AlleyCat_100 (K5), Amgine_97 (K6), Amohnition_95 (K6), Anaya_99 (K1), Angelica_95 (K1), Apocalypse_99 (K1), Asayake_97 (K1), Atiba_97 (K1), BEEST_96 (K1), BGIluvia_96 (K1), BaghaKamala_96 (K1), BarrelRoll_96 (K1), Beezoo_100 (K1), Bella96_98 (K1), Belladonna_97 (K1), Bern_99 (K1), Blizzard_97 (K1), Boiiii_97 (K1), CREW_95 (K1), CallaLilly_97 (K1), Capricorn_97 (K1), CaseJules_100 (K1), CheetoDust_96 (K1), Clipper_104 (K1), Collard_95 (K5), CrimD_96 (K1), Dadosky_100 (K5), Dalmuri_97 (K1), DarthP_95 (K6), Deby_96 (K1), Devera_103 (K1), DismalFunk_94 (K2), DismalStressor_94 (K2), Dole_99 (K1), DrHayes_98 (K1), Durfee_97 (K1), Edugator_92 (K5), Efra2_104 (K1), Ekdilam_92 (K6), Ellie_96 (K6), Emerson_101 (K1), Fefferhead_98 (K6), Feyre_98 (K5), Findley_94 (K2), Ganymede_96 (K1), Gengar_96 (K5), Geraldini_97 (K1), Guanica15_103 (K1), Guillsminger_96 (K5), Hammy_95 (K6), HedwigODU_96 (K1), Heftyboy_96 (K5),

Homura_95 (K1), Hyperbowlee_95 (K1), Illumine_100 (K1), Inky_96 (K1), InvictusManeo_97 (K5), JAWS_95 (K1), Jarvi_96 (K1), Jayhawk_100 (K1), Jeckyll_97 (K1), Joy99_98 (K1), Kratio_100 (K5), Larva_98 (K5), LaterM_96 (K1), Leston_95 (K5), LindNT_94 (K1), Llorens_96 (K1), Lunahalos_96 (K1), MacKat_94 (K1), Marcoliusprime_92 (K2), Marshawn_96 (K6), MeaningOfLife_98 (K1), Megsy_102 (K1), Milly_94 (K2), Miryou_98 (K5), Mufasa_94 (K2), Murucutumbu_96 (K1), Mynx_97 (K1), Neighly_100 (K3), Niklas_98 (K1), November_95 (K6), OkiRoe_97 (K5), Omnicron_96 (K5), Padfoot_96 (K1), Padpat_101 (K1), Paola_93 (K5), Peanam_99 (K1), Peel_96 (K1), Piatt_95 (K1), Pokerus_96 (K1), Prithvi_98 (K1), Psycho_98 (K5), QuincyRose_94 (K1), Ramen_97 (K1), Rando14_92 (K5), Rapunzel97_99 (K1), Rosmarinus_97 (K1), SamuelLPlaqson_98 (K1), Shaobing_96 (K1), ShiaSurprise_99 (K1), Slimphazie_99 (K1), SoSeph_96 (K5), Spock_96 (K1), Stinson_97 (K1), Strobilo_95 (K2), Sulley_95 (K1), Tachez_97 (K1), TaiwanKao_98 (K1), Thyatira_97 (K5), TiniBug_95 (K1), Tiri_97 (K1), Topper_96 (K1), TreyKay_98 (K1), TruffulaTree_98 (K1), Twitch_97 (K1), Urkel_98 (K1), Validus_106 (K1), Veliki_97 (K1), ViviJ_105 (K5), Waterfoul_95 (K5), YoureAdopted_95 (K1), Yunkel11_101 (K1), Zabiza_92 (K1), Zavala_98 (K1), ZoeJ_92 (K2),

Start 108:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: P3MA_62 (singleton),

Start 109:

- Found in 21 of 616 (3.4%) of genes in pham
- Manual Annotations of this start: 18 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Altostratus_69 (FS), Amelie_77 (K1), Binglebops_77 (K1), Curiosium_104 (K1), Enkosi_79 (K1), Hurricane_98 (K3), Keshu_101 (K3), Khuang_70 (FS), LastHope_103 (K1), LilPharaoh_78 (K1), MacnCheese_99 (K3), Mdavu_78 (K1), Nikao_80 (K1), Nutello_77 (K1), Pharb_97 (K3), Pixie_100 (K3), SgtBeansprout_78 (K1), ShedlockHolmes_100 (K3), TBond007_97 (K3), TingHuaYa_101 (K1), TripleTrouble_97 (K3),

Start 110:

- Found in 34 of 616 (5.5%) of genes in pham
- Manual Annotations of this start: 26 of 553
- Called 82.4% of time when present
- Phage (with cluster) where this start called: BaileyBlu_63 (FP), Basilisk_66 (AS1), Boilgate_83 (K8), CallinAllBarbz_64 (FP), Chancellor_94 (K4), Cheetobro_92 (K4), Eponine_96 (K4), Fionnbharth_94 (K4), JF1_94 (K4), Jankie_67 (FP), Juliette_96 (K4), Kraw_95 (K4), Malthus_95 (K4), MissDaisy_88 (K4), Mitti_94 (K4), Morkie_74 (DH), OmniCritical_94 (K4), Patt_87 (K4), PhorbesPhlower_72 (DH), Reptar3000_88 (K4), Ruthiejr_96 (K4), SamScheppers_93 (K4), Slarp_92 (K4), Sleepyhead_67 (singleton), Taquito_94 (K4), Wintermute_94 (K4), Y10_90 (K4), Y2_90 (K4),

Start 111:

- Found in 1 of 616 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Leona_68 (AS3),

Start 112:

- Found in 2 of 616 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Antrice_80 (AS2), Lucky10_70 (DH),

Start 113:

- Found in 1 of 616 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BFK20_ORF55 (singleton),

Start 115:

- Found in 21 of 616 (3.4%) of genes in pham
- Manual Annotations of this start: 5 of 553
- Called 38.1% of time when present
- Phage (with cluster) where this start called: Aoka_54 (FO), CocoCinnamon_59 (FO), DonkeyMan_59 (DY), Heinz_63 (DY), Huntingdon_61 (AK), JanetJ_52 (FO), Santhid_59 (DY), Tarzan_63 (DY),

Start 116:

- Found in 4 of 616 (0.6%) of genes in pham
- No Manual Annotations of this start.
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Min1_34 (singleton),

Start 117:

- Found in 47 of 616 (7.6%) of genes in pham
- Manual Annotations of this start: 13 of 553
- Called 27.7% of time when present
- Phage (with cluster) where this start called: Bennie_63 (AK), Christian_61 (AK), Dino_62 (AK), DrRobert_59 (AK), Fluke_62 (AK), Glenn_64 (AK), Lucy_60 (AK), MeganNoll_63 (AK), MrGloopy_62 (AK), PitaDog_61 (AK), RAP15_63 (AK), Scuttle_61 (AK), Vallejo_62 (AK),

Start 118:

- Found in 6 of 616 (1.0%) of genes in pham
- Manual Annotations of this start: 3 of 553
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Canowicakte_62 (AK), PartyCup_66 (AK), Suppi_62 (AK), Wayne_64 (AK),

Start 119:

- Found in 15 of 616 (2.4%) of genes in pham
- Manual Annotations of this start: 11 of 553
- Called 86.7% of time when present
- Phage (with cluster) where this start called: Abidatro_66 (AS1), Brynnie_64 (AS1), Chickaboom_66 (AS1), Eesa_65 (AS1), Galaxy_65 (AS1), Jamun_63 (AS1), KendraB23_76 (AS1), LittleTokyo_73 (AS2), Orcanus_65 (AS1), Ruchi_64 (AS1), TaylorSipt_65 (AS1), Toad24_67 (AS1), Vulpecula_64 (AS1),

Start 120:

- Found in 1 of 616 (0.2%) of genes in pham

- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Shagrat_110 (CF),

Start 123:

- Found in 80 of 616 (13.0%) of genes in pham
- Manual Annotations of this start: 68 of 553
- Called 96.2% of time when present
- Phage (with cluster) where this start called: Abigail_70 (EB), Albedo_70 (EB), Albright_69 (EB), AnnaLie_70 (EB), AppleCider_61 (AK), Armstrong_70 (EB), Arroyo_71 (EB), AvGardian_70 (EB), Avocadoman_69 (EB), BAjuniper_68 (EB), BabyDaisy_71 (EB), BabyYoda_68 (EB), Bachaco_66 (EB), BelmontSKP_70 (EB), Bengal_71 (EB), Bernstein_70 (EB), Brahms_70 (EB), BubbaBear_68 (EB), Buldak_69 (EB), Burritobowl_72 (EB), Cashington_69 (EB), Celaena_66 (EB), Clayda5_72 (EB), CliffHanger_78 (EB), Coltrane_70 (EB), CroZenni_71 (EB), CupcakePrincess_71 (EB), DickRichards_68 (EB), Didgeridoo_75 (EB), DirtyBubble_69 (EB), Dismas_67 (EB), Doobus_68 (EB), Eden_72 (EB), Elva_73 (EB), Eula_69 (EB), Finalfrontier_69 (EB), FlameThrower_65 (EB), Franklin22_74 (EB), Gack_71 (EB), Icarian_72 (EB), IndyLu_71 (EB), Jabb_71 (EB), Johnathan_70 (EB), Jovita_68 (EB), Kate33_71 (EB), Katzastrophic_67 (EB), Kenzers_69 (EB), Kieran_65 (EB), Lahqtemish_69 (EB), LimaBean_68 (EB), Lynlen_71 (EB), MsUbiquitous_71 (EB), Nicky22_69 (EB), Olliecat_66 (EB), PhigPhack_73 (EB), Phisb_72 (EB), QMacho_72 (EB), Quenya_69 (EB), Rollins_70 (EB), Rona_66 (EB), SanaSana_70 (EB), SansAfet_72 (EB), SarBear_72 (EB), Sharkboy_68 (EB), Shayna_75 (EB), Skylord_70 (EB), Slay_70 (EB), Softsoap_71 (EB), Squircle_66 (EB), Stoor_69 (EB), Stromboli_68 (EB), SunnyD_75 (EB), Swervy_70 (EB), Teagster_75 (EB), TukTuk_70 (EB), Vitas_71 (EB), WalkingDead_71 (EB),

Start 124:

- Found in 2 of 616 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LilSpotty_85 (singleton), Pitbull_79 (FQ),

Start 128:

- Found in 84 of 616 (13.6%) of genes in pham
- Manual Annotations of this start: 63 of 553
- Called 75.0% of time when present
- Phage (with cluster) where this start called: Albanese_61 (AK), Aledel_60 (AK), AustinPowers_60 (AK), Beethoven_63 (AK), BigMack_61 (AK), Bodacious_61 (AK), BrotherBLo_62 (AK), CallieOMalley_62 (AK), Carpal_61 (AK), ChewChew_61 (AK), Cholula_62 (AK), Chridison_57 (AK), CristinaYang_61 (AK), Daiboju_60 (AK), DreamTeam_61 (AK), EstebanJulior_60 (AK), Eunoia_62 (AK), Gisselle_61 (AK), GreenHearts_62 (AK), Greenhouse_61 (AK), HeadNerd_62 (AK), Herb_60 (AK), Huckleberry_62 (AK), Immaculata_62 (AK), Joann_63 (AK), Jumboset_62 (AK), Kalizoi_62 (AK), KingBob_60 (AK), Kittykat_65 (AK), Korra_62 (AK), Lakshmi_61 (AK), Lasagna_59 (AK), Lennox_61 (AK), LilStuart_60 (AK), Litotes_62 (AK), Makoto_60 (AK), MamaPearl_60 (AK), Maria1952_59 (AK), Misaeng_61 (AK), Moki_62 (AK), Nancia_61 (AK), Nubia_61 (AK), OMalley_60 (AK), OurGirlNessie_59 (AK), Oxyfnrius_62 (AK), PinkFriday_61 (AK), Potatoes_62 (AK), Preamble_64 (AK), Pterodactyl_61 (AK), Pumancara_61 (AK), RcigaStruga_62 (AK), Rivovina_60 (AK), Riverdale_61 (AK), Rozby_60 (AK), Savage2526_61 (AK), Sergei_60 (AK), Supakev_60 (AK), TattModd_61 (AK), Temper16_60 (AK), Urla_62 (AK), Wawa_62

(AK), WonderBoy_59 (AK), Zorro_62 (AK),

Start 138:

- Found in 2 of 616 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 553
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Frizzle_60 (DA), Ghobes_59 (DA),

Summary by clusters:

There are 41 clusters represented in this pham: FP, DN, singleton, FS, K5, DH, FQ, G5, DY, DA, K3, K2, BV, K7, K6, FF, K4, K8, FO, CU5, CU4, G3, G2, G1, DN1, DN2, AS3, AS2, AS1, AK, CF, EB, G4, Y, CU3, CD, F1, F2, F3, CU1, K1,

Info for manual annotations of cluster AK:

- Start number 80 was manually annotated 2 times for cluster AK.
- Start number 115 was manually annotated 1 time for cluster AK.
- Start number 117 was manually annotated 13 times for cluster AK.
- Start number 118 was manually annotated 3 times for cluster AK.
- Start number 123 was manually annotated 1 time for cluster AK.
- Start number 128 was manually annotated 63 times for cluster AK.

Info for manual annotations of cluster AS1:

- Start number 110 was manually annotated 1 time for cluster AS1.
- Start number 119 was manually annotated 10 times for cluster AS1.

Info for manual annotations of cluster AS2:

- Start number 119 was manually annotated 1 time for cluster AS2.

Info for manual annotations of cluster AS3:

- Start number 106 was manually annotated 5 times for cluster AS3.
- Start number 111 was manually annotated 1 time for cluster AS3.

Info for manual annotations of cluster BV:

- Start number 92 was manually annotated 3 times for cluster BV.

Info for manual annotations of cluster CD:

- Start number 57 was manually annotated 1 time for cluster CD.
- Start number 72 was manually annotated 1 time for cluster CD.
- Start number 76 was manually annotated 1 time for cluster CD.
- Start number 77 was manually annotated 1 time for cluster CD.
- Start number 85 was manually annotated 2 times for cluster CD.

Info for manual annotations of cluster CF:

- Start number 120 was manually annotated 1 time for cluster CF.

Info for manual annotations of cluster CU1:

- Start number 101 was manually annotated 7 times for cluster CU1.

Info for manual annotations of cluster CU3:

- Start number 95 was manually annotated 1 time for cluster CU3.

Info for manual annotations of cluster CU4:

- Start number 101 was manually annotated 1 time for cluster CU4.

Info for manual annotations of cluster CU5:

- Start number 97 was manually annotated 1 time for cluster CU5.

Info for manual annotations of cluster DA:

- Start number 82 was manually annotated 1 time for cluster DA.
- Start number 96 was manually annotated 1 time for cluster DA.
- Start number 138 was manually annotated 1 time for cluster DA.

Info for manual annotations of cluster DH:

- Start number 110 was manually annotated 2 times for cluster DH.
- Start number 112 was manually annotated 1 time for cluster DH.

Info for manual annotations of cluster DN:

- Start number 94 was manually annotated 4 times for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 94 was manually annotated 15 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 94 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster DY:

- Start number 59 was manually annotated 3 times for cluster DY.
- Start number 115 was manually annotated 2 times for cluster DY.

Info for manual annotations of cluster EB:

- Start number 123 was manually annotated 67 times for cluster EB.

Info for manual annotations of cluster F1:

- Start number 69 was manually annotated 1 time for cluster F1.
- Start number 93 was manually annotated 5 times for cluster F1.
- Start number 94 was manually annotated 45 times for cluster F1.

Info for manual annotations of cluster F2:

- Start number 94 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F3:

- Start number 94 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster FF:

- Start number 75 was manually annotated 2 times for cluster FF.
- Start number 99 was manually annotated 1 time for cluster FF.
- Start number 102 was manually annotated 5 times for cluster FF.

Info for manual annotations of cluster FO:

- Start number 115 was manually annotated 2 times for cluster FO.

Info for manual annotations of cluster FP:

- Start number 110 was manually annotated 2 times for cluster FP.

Info for manual annotations of cluster FQ:

- Start number 124 was manually annotated 1 time for cluster FQ.

Info for manual annotations of cluster G1:

- Start number 88 was manually annotated 60 times for cluster G1.

Info for manual annotations of cluster G2:

- Start number 88 was manually annotated 3 times for cluster G2.

Info for manual annotations of cluster G3:

- Start number 88 was manually annotated 2 times for cluster G3.

Info for manual annotations of cluster G4:

- Start number 88 was manually annotated 2 times for cluster G4.

Info for manual annotations of cluster G5:

- Start number 88 was manually annotated 1 time for cluster G5.

Info for manual annotations of cluster K1:

- Start number 105 was manually annotated 7 times for cluster K1.
- Start number 107 was manually annotated 86 times for cluster K1.
- Start number 109 was manually annotated 10 times for cluster K1.

Info for manual annotations of cluster K2:

- Start number 105 was manually annotated 2 times for cluster K2.
- Start number 107 was manually annotated 8 times for cluster K2.

Info for manual annotations of cluster K3:

- Start number 109 was manually annotated 8 times for cluster K3.

Info for manual annotations of cluster K4:

- Start number 110 was manually annotated 19 times for cluster K4.

Info for manual annotations of cluster K5:

- Start number 107 was manually annotated 22 times for cluster K5.

Info for manual annotations of cluster K6:

- Start number 102 was manually annotated 1 time for cluster K6.
- Start number 105 was manually annotated 12 times for cluster K6.
- Start number 107 was manually annotated 8 times for cluster K6.

Info for manual annotations of cluster K7:

- Start number 105 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:

- Start number 110 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster Y:

- Start number 83 was manually annotated 4 times for cluster Y.

Gene Information:

Gene: Abidatro_66 Start: 38766, Stop: 39044, Start Num: 119
Candidate Starts for Abidatro_66:
(39, 38640), (Start: 119 @38766 has 11 MA's),

Gene: Abigail_70 Start: 40540, Stop: 40815, Start Num: 123
Candidate Starts for Abigail_70:
(Start: 123 @40540 has 68 MA's),

Gene: ActinUp_97 Start: 59451, Stop: 59753, Start Num: 107
Candidate Starts for ActinUp_97:
(91, 59430), (Start: 107 @59451 has 124 MA's), (145, 59526), (197, 59712), (203, 59727),

Gene: Adephagia_95 Start: 59285, Stop: 59587, Start Num: 107
Candidate Starts for Adephagia_95:
(91, 59264), (Start: 107 @59285 has 124 MA's), (145, 59360), (197, 59546), (203, 59561),

Gene: Adonis_96 Start: 59670, Stop: 59972, Start Num: 107
Candidate Starts for Adonis_96:
(91, 59649), (Start: 107 @59670 has 124 MA's), (145, 59745), (197, 59931), (203, 59946),

Gene: Agent47_97 Start: 60723, Stop: 61028, Start Num: 107
Candidate Starts for Agent47_97:
(Start: 107 @60723 has 124 MA's), (163, 60891),

Gene: Ageofdapage_100 Start: 60254, Stop: 60556, Start Num: 107
Candidate Starts for Ageofdapage_100:
(91, 60233), (Start: 107 @60254 has 124 MA's), (135, 60305), (145, 60329), (197, 60515), (203, 60530),

Gene: Akino08_114 Start: 42028, Stop: 42363, Start Num: 81
Candidate Starts for Akino08_114:
(68, 42013), (81, 42028), (103, 42061), (Start: 123 @42088 has 68 MA's), (133, 42121), (176, 42277),

Gene: Albanese_61 Start: 43774, Stop: 44034, Start Num: 128
Candidate Starts for Albanese_61:
(Start: 128 @43774 has 63 MA's), (131, 43780), (144, 43831), (145, 43834), (181, 43978),

Gene: Albedo_70 Start: 41350, Stop: 41625, Start Num: 123
Candidate Starts for Albedo_70:
(Start: 123 @41350 has 68 MA's), (175, 41536),

Gene: Albright_69 Start: 40420, Stop: 40695, Start Num: 123
Candidate Starts for Albright_69:
(Start: 123 @40420 has 68 MA's),

Gene: Aledel_60 Start: 43400, Stop: 43660, Start Num: 128
Candidate Starts for Aledel_60:
(Start: 80 @43331 has 2 MA's), (Start: 93 @43352 has 5 MA's), (Start: 128 @43400 has 63 MA's),
(133, 43421), (148, 43472),

Gene: Alexphander_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Alexphander_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: AlishaPH_89 Start: 56673, Stop: 56975, Start Num: 107

Candidate Starts for AlishaPH_89:

(91, 56652), (Start: 107 @56673 has 124 MA's), (145, 56748), (197, 56934), (203, 56949),

Gene: AllBusiness_64 Start: 43063, Stop: 43359, Start Num: 102

Candidate Starts for AllBusiness_64:

(Start: 102 @43063 has 6 MA's), (160, 43219), (161, 43228), (179, 43291), (192, 43333),

Gene: AlleyCat_100 Start: 61692, Stop: 61997, Start Num: 107

Candidate Starts for AlleyCat_100:

(Start: 107 @61692 has 124 MA's), (158, 61830),

Gene: Aloeri_1 Start: 42, Stop: 374, Start Num: 94

Candidate Starts for Aloeri_1:

(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (135, 120), (162, 213), (170, 237), (182, 285), (196, 339), (202, 354),

Gene: Altostratus_69 Start: 38971, Stop: 39267, Start Num: 109

Candidate Starts for Altostratus_69:

(Start: 109 @38971 has 18 MA's), (127, 39001), (156, 39097), (163, 39139),

Gene: Amelie_77 Start: 56074, Stop: 56379, Start Num: 109

Candidate Starts for Amelie_77:

(34, 55942), (Start: 109 @56074 has 18 MA's), (145, 56149), (158, 56194), (197, 56338), (199, 56344), (203, 56353),

Gene: Amgine_97 Start: 61886, Stop: 62176, Start Num: 107

Candidate Starts for Amgine_97:

(Start: 107 @61886 has 124 MA's), (145, 61961), (188, 62123),

Gene: AmiCi24_68 Start: 38101, Stop: 38388, Start Num: 106

Candidate Starts for AmiCi24_68:

(Start: 106 @38101 has 5 MA's), (161, 38254), (179, 38317),

Gene: Aminay_104 Start: 59192, Stop: 59479, Start Num: 105

Candidate Starts for Aminay_104:

(Start: 105 @59192 has 22 MA's), (162, 59342),

Gene: Amohndition_95 Start: 61401, Stop: 61697, Start Num: 107

Candidate Starts for Amohndition_95:

(Start: 107 @61401 has 124 MA's), (134, 61449), (145, 61476), (187, 61635), (199, 61662),

Gene: Anatole_55 Start: 34869, Stop: 35189, Start Num: 92

Candidate Starts for Anatole_55:

(5, 34596), (6, 34635), (7, 34644), (9, 34659), (21, 34725), (22, 34728), (29, 34752), (36, 34770), (48, 34800), (Start: 92 @34869 has 3 MA's), (116, 34899), (143, 34974), (201, 35172),

Gene: Anaya_99 Start: 60473, Stop: 60775, Start Num: 107

Candidate Starts for Anaya_99:

(91, 60452), (Start: 107 @60473 has 124 MA's), (145, 60548), (197, 60734), (203, 60749),

Gene: Angel_60 Start: 40665, Stop: 40991, Start Num: 88
Candidate Starts for Angel_60:
(Start: 88 @40665 has 68 MA's), (163, 40860), (184, 40938),

Gene: Angelica_95 Start: 59237, Stop: 59539, Start Num: 107
Candidate Starts for Angelica_95:
(91, 59216), (Start: 107 @59237 has 124 MA's), (145, 59312), (197, 59498), (203, 59513),

Gene: AnnaLie_70 Start: 41202, Stop: 41477, Start Num: 123
Candidate Starts for AnnaLie_70:
(Start: 123 @41202 has 68 MA's), (175, 41388),

Gene: Annihilator_61 Start: 41117, Stop: 41443, Start Num: 88
Candidate Starts for Annihilator_61:
(Start: 88 @41117 has 68 MA's), (163, 41312), (184, 41390),

Gene: Antrice_80 Start: 38853, Stop: 39140, Start Num: 112
Candidate Starts for Antrice_80:
(Start: 112 @38853 has 1 MA's), (Start: 119 @38862 has 11 MA's),

Gene: Antsirabe_65 Start: 44050, Stop: 44373, Start Num: 88
Candidate Starts for Antsirabe_65:
(Start: 88 @44050 has 68 MA's), (126, 44101), (159, 44221), (160, 44224), (162, 44236),

Gene: Aoka_54 Start: 36392, Stop: 36673, Start Num: 115
Candidate Starts for Aoka_54:
(Start: 72 @36335 has 1 MA's), (Start: 115 @36392 has 5 MA's),

Gene: Apocalypse_99 Start: 59588, Stop: 59890, Start Num: 107
Candidate Starts for Apocalypse_99:
(91, 59567), (Start: 107 @59588 has 124 MA's), (145, 59663), (157, 59699), (197, 59849), (203, 59864),

Gene: AppleCider_61 Start: 43353, Stop: 43619, Start Num: 123
Candidate Starts for AppleCider_61:
(Start: 123 @43353 has 68 MA's), (Start: 128 @43359 has 63 MA's),

Gene: ArV2_68 Start: 37011, Stop: 37319, Start Num: 94
Candidate Starts for ArV2_68:
(Start: 94 @37011 has 74 MA's), (198, 37284),

Gene: Archimedes_60 Start: 44555, Stop: 44878, Start Num: 82
Candidate Starts for Archimedes_60:
(Start: 82 @44555 has 1 MA's), (Start: 102 @44582 has 6 MA's), (Start: 107 @44588 has 124 MA's), (145, 44672), (147, 44681), (192, 44852),

Gene: Armstrong_70 Start: 39580, Stop: 39855, Start Num: 123
Candidate Starts for Armstrong_70:
(18, 39382), (23, 39397), (32, 39424), (46, 39457), (68, 39505), (81, 39520), (103, 39553), (Start: 123 @39580 has 68 MA's),

Gene: Aroostook_62 Start: 41127, Stop: 41453, Start Num: 88

Candidate Starts for Aroostook_62:
(Start: 88 @41127 has 68 MA's), (163, 41322), (184, 41400),

Gene: Arroyo_71 Start: 41666, Stop: 41941, Start Num: 123
Candidate Starts for Arroyo_71:
(Start: 123 @41666 has 68 MA's), (175, 41852),

Gene: Asapag_1 Start: 39, Stop: 371, Start Num: 94
Candidate Starts for Asapag_1:
(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (145, 141), (146, 144), (170, 234), (178, 264),
(182, 282), (202, 351),

Gene: Asayake_97 Start: 59544, Stop: 59846, Start Num: 107
Candidate Starts for Asayake_97:
(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: Atiba_97 Start: 59195, Stop: 59497, Start Num: 107
Candidate Starts for Atiba_97:
(91, 59174), (Start: 107 @59195 has 124 MA's), (145, 59270), (197, 59456), (203, 59471),

Gene: Atlantica_71 Start: 38103, Stop: 38390, Start Num: 106
Candidate Starts for Atlantica_71:
(Start: 106 @38103 has 5 MA's), (161, 38256), (179, 38319),

Gene: AuntGwenStacy_132 Start: 74981, Stop: 75304, Start Num: 83
Candidate Starts for AuntGwenStacy_132:
(Start: 83 @74981 has 4 MA's), (152, 75131), (173, 75212), (180, 75236), (181, 75248),

Gene: AustinPowers_60 Start: 43422, Stop: 43682, Start Num: 128
Candidate Starts for AustinPowers_60:
(Start: 80 @43353 has 2 MA's), (Start: 93 @43374 has 5 MA's), (Start: 128 @43422 has 63 MA's),
(133, 43443), (148, 43494),

Gene: AvGardian_70 Start: 41184, Stop: 41459, Start Num: 123
Candidate Starts for AvGardian_70:
(Start: 123 @41184 has 68 MA's), (164, 41334), (175, 41370),

Gene: Avani_1 Start: 38, Stop: 370, Start Num: 94
Candidate Starts for Avani_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @38 has 74 MA's), (135, 116), (146, 143), (170, 233), (178,
263), (182, 281), (194, 326), (202, 350),

Gene: Avocado_67 Start: 44700, Stop: 45026, Start Num: 88
Candidate Starts for Avocado_67:
(Start: 88 @44700 has 68 MA's), (126, 44754),

Gene: Avocadoman_69 Start: 40737, Stop: 41012, Start Num: 123
Candidate Starts for Avocadoman_69:
(Start: 123 @40737 has 68 MA's),

Gene: Avrafan_61 Start: 41125, Stop: 41451, Start Num: 88
Candidate Starts for Avrafan_61:
(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Awesomesauce_1 Start: 42, Stop: 374, Start Num: 94

Candidate Starts for Awesomesauce_1:

(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (132, 111), (135, 120), (162, 213), (170, 237), (178, 267), (182, 285), (194, 330), (196, 339), (202, 354),

Gene: AzulaCat_61 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for AzulaCat_61:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: B3_57 Start: 35532, Stop: 35852, Start Num: 92

Candidate Starts for B3_57:

(5, 35259), (6, 35298), (7, 35307), (9, 35322), (21, 35388), (22, 35391), (29, 35415), (36, 35433), (48, 35463), (Start: 92 @35532 has 3 MA's), (116, 35562), (143, 35637), (201, 35835),

Gene: BAjuniper_68 Start: 41633, Stop: 41908, Start Num: 123

Candidate Starts for BAjuniper_68:

(52, 41528), (68, 41558), (81, 41573), (103, 41606), (Start: 123 @41633 has 68 MA's), (133, 41666), (175, 41819),

Gene: BEEST_96 Start: 59545, Stop: 59847, Start Num: 107

Candidate Starts for BEEST_96:

(91, 59524), (Start: 107 @59545 has 124 MA's), (145, 59620), (197, 59806), (203, 59821),

Gene: BENtherdunthat_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for BENtherdunthat_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: BFK20_ORF55 Start: 42590, Stop: 42880, Start Num: 113

Candidate Starts for BFK20_ORF55:

(Start: 89 @42557 has 1 MA's), (Start: 101 @42575 has 8 MA's), (113, 42590), (129, 42617), (145, 42674), (165, 42761), (187, 42845),

Gene: BGlluviae_96 Start: 58947, Stop: 59249, Start Num: 107

Candidate Starts for BGlluviae_96:

(91, 58926), (Start: 107 @58947 has 124 MA's), (145, 59022), (197, 59208), (203, 59223),

Gene: BPs_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for BPs_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: BQuat_61 Start: 41117, Stop: 41443, Start Num: 88

Candidate Starts for BQuat_61:

(Start: 88 @41117 has 68 MA's), (163, 41312), (184, 41390),

Gene: BabyDaisy_71 Start: 41763, Stop: 42038, Start Num: 123

Candidate Starts for BabyDaisy_71:

(55, 41664), (68, 41688), (81, 41703), (103, 41736), (Start: 115 @41751 has 5 MA's), (Start: 123 @41763 has 68 MA's),

Gene: BabyYoda_68 Start: 41093, Stop: 41368, Start Num: 123

Candidate Starts for BabyYoda_68:

(Start: 123 @41093 has 68 MA's), (133, 41126), (175, 41279), (176, 41282),

Gene: Bachaco_66 Start: 42043, Stop: 42318, Start Num: 123

Candidate Starts for Bachaco_66:

(26, 41878), (30, 41887), (31, 41890), (51, 41938), (67, 41968), (Start: 80 @41983 has 2 MA's), (103, 42016), (Start: 123 @42043 has 68 MA's), (175, 42229), (200, 42301),

Gene: BaghaKamala_96 Start: 58771, Stop: 59073, Start Num: 107

Candidate Starts for BaghaKamala_96:

(91, 58750), (Start: 107 @58771 has 124 MA's), (145, 58846), (197, 59032), (203, 59047),

Gene: BaileyBlu_63 Start: 40002, Stop: 40289, Start Num: 110

Candidate Starts for BaileyBlu_63:

(Start: 110 @40002 has 26 MA's), (168, 40182),

Gene: Banquo_63 Start: 39126, Stop: 39422, Start Num: 101

Candidate Starts for Banquo_63:

(Start: 72 @39084 has 1 MA's), (Start: 101 @39126 has 8 MA's), (130, 39168), (185, 39384),

Gene: Barkley26_59 Start: 40570, Stop: 40896, Start Num: 88

Candidate Starts for Barkley26_59:

(Start: 88 @40570 has 68 MA's),

Gene: BarrelRoll_96 Start: 59311, Stop: 59613, Start Num: 107

Candidate Starts for BarrelRoll_96:

(91, 59290), (Start: 107 @59311 has 124 MA's), (145, 59386), (197, 59572), (203, 59587),

Gene: Basilisk_66 Start: 38281, Stop: 38571, Start Num: 110

Candidate Starts for Basilisk_66:

(45, 38188), (63, 38218), (Start: 110 @38281 has 26 MA's), (Start: 119 @38293 has 11 MA's),

Gene: Beakin_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Beakin_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Beethoven_63 Start: 43598, Stop: 43858, Start Num: 128

Candidate Starts for Beethoven_63:

(Start: 117 @43580 has 13 MA's), (Start: 128 @43598 has 63 MA's), (132, 43616), (148, 43670),

Gene: Beezoo_100 Start: 60133, Stop: 60435, Start Num: 107

Candidate Starts for Beezoo_100:

(91, 60112), (Start: 107 @60133 has 124 MA's), (145, 60208), (197, 60394), (203, 60409),

Gene: Bella96_98 Start: 60366, Stop: 60668, Start Num: 107

Candidate Starts for Bella96_98:

(91, 60345), (Start: 107 @60366 has 124 MA's), (145, 60441), (197, 60627),

Gene: Belladonna_97 Start: 59347, Stop: 59649, Start Num: 107

Candidate Starts for Belladonna_97:

(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: BelmontSKP_70 Start: 41202, Stop: 41477, Start Num: 123

Candidate Starts for BelmontSKP_70:
(Start: 123 @41202 has 68 MA's), (175, 41388),

Gene: Bengal_71 Start: 41208, Stop: 41483, Start Num: 123
Candidate Starts for Bengal_71:
(33, 41055), (37, 41070), (68, 41133), (81, 41148), (103, 41181), (Start: 115 @41196 has 5 MA's),
(Start: 123 @41208 has 68 MA's), (175, 41394),

Gene: Bennie_63 Start: 42720, Stop: 42998, Start Num: 117
Candidate Starts for Bennie_63:
(Start: 117 @42720 has 13 MA's), (Start: 128 @42738 has 63 MA's), (132, 42756), (148, 42810), (187,
42963),

Gene: Bern_99 Start: 58007, Stop: 58309, Start Num: 107
Candidate Starts for Bern_99:
(91, 57986), (Start: 107 @58007 has 124 MA's), (145, 58082), (197, 58268), (203, 58283),

Gene: Bernstein_70 Start: 39578, Stop: 39853, Start Num: 123
Candidate Starts for Bernstein_70:
(18, 39380), (23, 39395), (32, 39422), (46, 39455), (68, 39503), (81, 39518), (103, 39551), (Start: 123
@39578 has 68 MA's),

Gene: BigMack_61 Start: 43021, Stop: 43281, Start Num: 128
Candidate Starts for BigMack_61:
(Start: 117 @43003 has 13 MA's), (Start: 128 @43021 has 63 MA's), (132, 43039), (176, 43198), (187,
43246),

Gene: BigPhil_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for BigPhil_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196,
338), (202, 353),

Gene: Biglebops_77 Start: 56089, Stop: 56394, Start Num: 109
Candidate Starts for Biglebops_77:
(34, 55957), (Start: 109 @56089 has 18 MA's), (145, 56164), (158, 56209), (197, 56353), (199, 56359),
(203, 56368),

Gene: Bipper_136 Start: 77103, Stop: 77429, Start Num: 83
Candidate Starts for Bipper_136:
(Start: 83 @77103 has 4 MA's), (140, 77217), (145, 77229), (163, 77304), (180, 77361), (181, 77373),

Gene: Blizzard_97 Start: 59544, Stop: 59846, Start Num: 107
Candidate Starts for Blizzard_97:
(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: Bobi_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Bobi_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196,
338), (202, 353),

Gene: Bodacious_61 Start: 42903, Stop: 43163, Start Num: 128
Candidate Starts for Bodacious_61:

(Start: 117 @42885 has 13 MA's), (Start: 128 @42903 has 63 MA's), (132, 42921), (176, 43080), (192, 43137), (199, 43143),

Gene: Boiiii_97 Start: 59546, Stop: 59848, Start Num: 107

Candidate Starts for Boiiii_97:

(91, 59525), (Start: 107 @59546 has 124 MA's), (145, 59621), (197, 59807), (203, 59822),

Gene: Boilgate_83 Start: 56925, Stop: 57236, Start Num: 110

Candidate Starts for Boilgate_83:

(Start: 110 @56925 has 26 MA's), (203, 57207),

Gene: Boomer_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Boomer_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: BoostSeason_94 Start: 57637, Stop: 57918, Start Num: 105

Candidate Starts for BoostSeason_94:

(Start: 105 @57637 has 22 MA's), (Start: 107 @57640 has 124 MA's), (203, 57898),

Gene: BotCity_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for BotCity_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: Brahms_70 Start: 39480, Stop: 39755, Start Num: 123

Candidate Starts for Brahms_70:

(18, 39282), (23, 39297), (32, 39324), (46, 39357), (68, 39405), (81, 39420), (103, 39453), (Start: 123 @39480 has 68 MA's),

Gene: BrotherBLo_62 Start: 43314, Stop: 43574, Start Num: 128

Candidate Starts for BrotherBLo_62:

(Start: 117 @43296 has 13 MA's), (Start: 128 @43314 has 63 MA's), (132, 43332), (148, 43386),

Gene: BruceB_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for BruceB_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Brushbloom_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Brushbloom_1:

(65, 7), (71, 13), (Start: 94 @40 has 74 MA's), (132, 109), (135, 118), (162, 211), (182, 283), (194, 328), (196, 337), (202, 352),

Gene: Bryler_94 Start: 57308, Stop: 57616, Start Num: 105

Candidate Starts for Bryler_94:

(Start: 105 @57308 has 22 MA's), (145, 57383), (203, 57590),

Gene: Brynnie_64 Start: 38238, Stop: 38516, Start Num: 119

Candidate Starts for Brynnie_64:

(Start: 110 @38226 has 26 MA's), (Start: 119 @38238 has 11 MA's),

Gene: BubbaBear_68 Start: 41351, Stop: 41626, Start Num: 123

Candidate Starts for BubbaBear_68:

(Start: 123 @41351 has 68 MA's),

Gene: Budski_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Budski_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: Buldak_69 Start: 39158, Stop: 39433, Start Num: 123

Candidate Starts for Buldak_69:

(Start: 123 @39158 has 68 MA's), (175, 39344),

Gene: Burritobowl_72 Start: 40954, Stop: 41229, Start Num: 123

Candidate Starts for Burritobowl_72:

(Start: 123 @40954 has 68 MA's),

Gene: BuzzLyseyear_1 Start: 40, Stop: 372, Start Num: 93

Candidate Starts for BuzzLyseyear_1:

(65, 7), (71, 13), (Start: 93 @40 has 5 MA's), (135, 118), (162, 211), (182, 283), (196, 337), (202, 352),

Gene: CLED96_61 Start: 40680, Stop: 41006, Start Num: 88

Candidate Starts for CLED96_61:

(Start: 88 @40680 has 68 MA's), (163, 40875), (184, 40953),

Gene: CREW_95 Start: 59346, Stop: 59648, Start Num: 107

Candidate Starts for CREW_95:

(91, 59325), (Start: 107 @59346 has 124 MA's), (145, 59421), (197, 59607), (203, 59622),

Gene: Cain_102 Start: 60455, Stop: 60763, Start Num: 105

Candidate Starts for Cain_102:

(Start: 105 @60455 has 22 MA's), (145, 60530), (203, 60737),

Gene: CallaLilly_97 Start: 59270, Stop: 59572, Start Num: 107

Candidate Starts for CallaLilly_97:

(91, 59249), (Start: 107 @59270 has 124 MA's), (145, 59345), (197, 59531), (203, 59546),

Gene: CallieOMalley_62 Start: 43522, Stop: 43782, Start Num: 128

Candidate Starts for CallieOMalley_62:

(Start: 102 @43489 has 6 MA's), (Start: 118 @43510 has 3 MA's), (122, 43516), (Start: 128 @43522 has 63 MA's),

Gene: CallinAllBarbz_64 Start: 40753, Stop: 41040, Start Num: 110

Candidate Starts for CallinAllBarbz_64:

(Start: 110 @40753 has 26 MA's),

Gene: Camara_69 Start: 37993, Stop: 38280, Start Num: 106

Candidate Starts for Camara_69:

(Start: 106 @37993 has 5 MA's), (161, 38146), (179, 38209),

Gene: Cambiare_66 Start: 44472, Stop: 44798, Start Num: 88

Candidate Starts for Cambiare_66:

(Start: 88 @44472 has 68 MA's), (126, 44526), (159, 44646),

Gene: Camri_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Camri_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Canowicakte_62 Start: 43562, Stop: 43834, Start Num: 118

Candidate Starts for Canowicakte_62:

(Start: 102 @43541 has 6 MA's), (Start: 118 @43562 has 3 MA's), (122, 43568), (Start: 128 @43574 has 63 MA's),

Gene: Capricorn_97 Start: 59347, Stop: 59649, Start Num: 107

Candidate Starts for Capricorn_97:

(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Carpal_61 Start: 43369, Stop: 43629, Start Num: 128

Candidate Starts for Carpal_61:

(Start: 117 @43351 has 13 MA's), (Start: 128 @43369 has 63 MA's), (132, 43387), (148, 43441),

Gene: CaseJules_100 Start: 59544, Stop: 59846, Start Num: 107

Candidate Starts for CaseJules_100:

(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: Cashington_69 Start: 41137, Stop: 41412, Start Num: 123

Candidate Starts for Cashington_69:

(68, 41062), (81, 41077), (100, 41107), (103, 41110), (Start: 123 @41137 has 68 MA's), (175, 41323),

Gene: CassieYates_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for CassieYates_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Catfish_64 Start: 41148, Stop: 41444, Start Num: 97

Candidate Starts for Catfish_64:

(14, 40959), (15, 40968), (66, 41106), (Start: 97 @41148 has 1 MA's), (142, 41235), (145, 41244), (163, 41319),

Gene: Cedasite_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Cedasite_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Celaena_66 Start: 41809, Stop: 42084, Start Num: 123

Candidate Starts for Celaena_66:

(26, 41641), (30, 41650), (31, 41653), (51, 41701), (67, 41731), (Start: 123 @41809 has 68 MA's), (175, 41995), (200, 42067),

Gene: Cerasum_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Cerasum_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Chance64_62 Start: 41127, Stop: 41453, Start Num: 88

Candidate Starts for Chance64_62:

(Start: 88 @41127 has 68 MA's), (163, 41322), (184, 41400),

Gene: Chancellor_94 Start: 56785, Stop: 57090, Start Num: 110

Candidate Starts for Chancellor_94:

(Start: 110 @56785 has 26 MA's), (203, 57064),

Gene: Che9d_1 Start: 48, Stop: 380, Start Num: 94

Candidate Starts for Che9d_1:

(Start: 69 @21 has 1 MA's), (Start: 94 @48 has 74 MA's), (135, 126), (146, 153), (170, 243), (178, 273), (182, 291), (194, 336), (202, 360),

Gene: CheeseTouch_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for CheeseTouch_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: CheetoDust_96 Start: 58941, Stop: 59243, Start Num: 107

Candidate Starts for CheetoDust_96:

(91, 58920), (Start: 107 @58941 has 124 MA's), (145, 59016), (197, 59202), (203, 59217),

Gene: Cheetobro_92 Start: 56341, Stop: 56646, Start Num: 110

Candidate Starts for Cheetobro_92:

(Start: 110 @56341 has 26 MA's), (203, 56620),

Gene: Cherrybomb426_61 Start: 40680, Stop: 41006, Start Num: 88

Candidate Starts for Cherrybomb426_61:

(Start: 88 @40680 has 68 MA's), (163, 40875), (184, 40953),

Gene: ChewChew_61 Start: 43103, Stop: 43363, Start Num: 128

Candidate Starts for ChewChew_61:

(Start: 117 @43085 has 13 MA's), (Start: 128 @43103 has 63 MA's), (132, 43121), (149, 43178), (176, 43280), (192, 43337), (199, 43343),

Gene: Chickaboom_66 Start: 38402, Stop: 38680, Start Num: 119

Candidate Starts for Chickaboom_66:

(Start: 110 @38390 has 26 MA's), (Start: 119 @38402 has 11 MA's),

Gene: ChickenDinner_1 Start: 42, Stop: 374, Start Num: 94

Candidate Starts for ChickenDinner_1:

(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (135, 120), (162, 213), (170, 237), (182, 285), (196, 339), (202, 354),

Gene: Cholula_62 Start: 43324, Stop: 43584, Start Num: 128

Candidate Starts for Cholula_62:

(Start: 117 @43306 has 13 MA's), (Start: 128 @43324 has 63 MA's), (132, 43342), (148, 43396),

Gene: Chridison_57 Start: 42676, Stop: 42936, Start Num: 128

Candidate Starts for Chridison_57:

(Start: 80 @42607 has 2 MA's), (Start: 93 @42628 has 5 MA's), (Start: 128 @42676 has 63 MA's), (132, 42694), (133, 42697), (148, 42748),

Gene: Chris_101 Start: 61722, Stop: 62015, Start Num: 105

Candidate Starts for Chris_101:

(Start: 105 @61722 has 22 MA's), (177, 61914), (180, 61923), (195, 61971), (205, 62001),

Gene: Christian_61 Start: 42727, Stop: 43005, Start Num: 117

Candidate Starts for Christian_61:

(Start: 117 @42727 has 13 MA's), (Start: 128 @42745 has 63 MA's), (132, 42763), (149, 42820), (176, 42922), (192, 42979), (199, 42985),

Gene: Clayda5_72 Start: 39546, Stop: 39821, Start Num: 123

Candidate Starts for Clayda5_72:

(18, 39348), (23, 39363), (32, 39390), (46, 39423), (68, 39471), (81, 39486), (103, 39519), (Start: 123 @39546 has 68 MA's),

Gene: CliffHanger_78 Start: 40817, Stop: 41092, Start Num: 123

Candidate Starts for CliffHanger_78:

(Start: 123 @40817 has 68 MA's), (133, 40850), (175, 41003), (176, 41006),

Gene: Clipper_104 Start: 60197, Stop: 60499, Start Num: 107

Candidate Starts for Clipper_104:

(Start: 107 @60197 has 124 MA's), (145, 60272), (197, 60458), (203, 60473),

Gene: Coco12_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Coco12_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: CocoCinnamon_59 Start: 36037, Stop: 36318, Start Num: 115

Candidate Starts for CocoCinnamon_59:

(Start: 101 @36019 has 8 MA's), (Start: 115 @36037 has 5 MA's), (141, 36106),

Gene: Cole_64 Start: 41483, Stop: 41779, Start Num: 102

Candidate Starts for Cole_64:

(38, 41378), (Start: 102 @41483 has 6 MA's), (144, 41579), (160, 41639), (161, 41648),

Gene: Coleslaw_61 Start: 41117, Stop: 41443, Start Num: 88

Candidate Starts for Coleslaw_61:

(Start: 88 @41117 has 68 MA's), (163, 41312), (184, 41390),

Gene: Collard_95 Start: 60975, Stop: 61280, Start Num: 107

Candidate Starts for Collard_95:

(Start: 107 @60975 has 124 MA's), (163, 61143),

Gene: Coltrane_70 Start: 39480, Stop: 39755, Start Num: 123

Candidate Starts for Coltrane_70:

(18, 39282), (23, 39297), (32, 39324), (46, 39357), (68, 39405), (81, 39420), (103, 39453), (Start: 123 @39480 has 68 MA's),

Gene: Cornucopia_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Cornucopia_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (125, 86), (135, 119), (160, 200), (170, 236), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: Cracklewink_136 Start: 76262, Stop: 76588, Start Num: 83

Candidate Starts for Cracklewink_136:

(10, 76067), (23, 76136), (Start: 83 @76262 has 4 MA's), (140, 76376), (145, 76388), (163, 76463), (180, 76520), (181, 76532),

Gene: Crespo_61 Start: 41126, Stop: 41452, Start Num: 88

Candidate Starts for Crespo_61:
(Start: 88 @41126 has 68 MA's), (163, 41321), (184, 41399),

Gene: CrimD_96 Start: 59439, Stop: 59741, Start Num: 107
Candidate Starts for CrimD_96:
(91, 59418), (Start: 107 @59439 has 124 MA's), (145, 59514), (197, 59700), (203, 59715),

Gene: CristinaYang_61 Start: 43030, Stop: 43290, Start Num: 128
Candidate Starts for CristinaYang_61:
(Start: 117 @43012 has 13 MA's), (Start: 128 @43030 has 63 MA's), (132, 43048), (176, 43207), (192, 43264), (199, 43270),

Gene: CroZenni_71 Start: 41008, Stop: 41283, Start Num: 123
Candidate Starts for CroZenni_71:
(Start: 123 @41008 has 68 MA's),

Gene: CupcakePrincess_71 Start: 41251, Stop: 41526, Start Num: 123
Candidate Starts for CupcakePrincess_71:
(Start: 123 @41251 has 68 MA's),

Gene: Curiosium_104 Start: 60864, Stop: 61154, Start Num: 109
Candidate Starts for Curiosium_104:
(Start: 109 @60864 has 18 MA's),

Gene: DMoney_61 Start: 41104, Stop: 41430, Start Num: 88
Candidate Starts for DMoney_61:
(Start: 88 @41104 has 68 MA's), (163, 41299), (184, 41377),

Gene: DNAIII_0059 Start: 38754, Stop: 39080, Start Num: 88
Candidate Starts for DNAIII_0059:
(Start: 88 @38754 has 68 MA's), (163, 38949), (184, 39027),

Gene: DaWorst_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for DaWorst_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Dadosky_100 Start: 61693, Stop: 61998, Start Num: 107
Candidate Starts for Dadosky_100:
(Start: 107 @61693 has 124 MA's), (158, 61831),

Gene: Daiboju_60 Start: 43614, Stop: 43871, Start Num: 128
Candidate Starts for Daiboju_60:
(121, 43605), (Start: 128 @43614 has 63 MA's), (132, 43632), (150, 43689), (169, 43767),

Gene: Dalmuri_97 Start: 59347, Stop: 59649, Start Num: 107
Candidate Starts for Dalmuri_97:
(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Dardanus_58 Start: 37373, Stop: 37678, Start Num: 95
Candidate Starts for Dardanus_58:
(Start: 95 @37373 has 1 MA's), (Start: 110 @37391 has 26 MA's), (163, 37553),

Gene: Darionha_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Darionha_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: DarthP_95 Start: 61234, Stop: 61530, Start Num: 107

Candidate Starts for DarthP_95:

(Start: 107 @61234 has 124 MA's), (134, 61282), (145, 61309), (187, 61468), (199, 61495),

Gene: Deby_96 Start: 60102, Stop: 60404, Start Num: 107

Candidate Starts for Deby_96:

(91, 60081), (Start: 107 @60102 has 124 MA's), (145, 60177), (197, 60363), (203, 60378),

Gene: Demsculpinboyz_1 Start: 38, Stop: 370, Start Num: 94

Candidate Starts for Demsculpinboyz_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @38 has 74 MA's), (135, 116), (146, 143), (170, 233), (178, 263), (182, 281), (194, 326), (202, 350),

Gene: Devera_103 Start: 60259, Stop: 60561, Start Num: 107

Candidate Starts for Devera_103:

(91, 60238), (Start: 107 @60259 has 124 MA's), (135, 60310), (145, 60334), (197, 60520), (203, 60535),

Gene: DickRichards_68 Start: 40877, Stop: 41152, Start Num: 123

Candidate Starts for DickRichards_68:

(Start: 123 @40877 has 68 MA's),

Gene: Didgeridoo_75 Start: 42192, Stop: 42467, Start Num: 123

Candidate Starts for Didgeridoo_75:

(24, 42015), (44, 42066), (68, 42117), (81, 42132), (103, 42165), (Start: 115 @42180 has 5 MA's), (Start: 123 @42192 has 68 MA's),

Gene: Dino_62 Start: 43208, Stop: 43486, Start Num: 117

Candidate Starts for Dino_62:

(Start: 117 @43208 has 13 MA's), (Start: 128 @43226 has 63 MA's), (132, 43244), (148, 43298),

Gene: DinoDaryn_64 Start: 39227, Stop: 39523, Start Num: 101

Candidate Starts for DinoDaryn_64:

(Start: 72 @39185 has 1 MA's), (Start: 101 @39227 has 8 MA's), (167, 39416), (185, 39485),

Gene: DirtMcgirt_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for DirtMcgirt_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: DirtyBubble_69 Start: 41228, Stop: 41503, Start Num: 123

Candidate Starts for DirtyBubble_69:

(Start: 123 @41228 has 68 MA's), (175, 41414), (176, 41417),

Gene: DismalFunk_94 Start: 57690, Stop: 57968, Start Num: 107

Candidate Starts for DismalFunk_94:

(Start: 105 @57687 has 22 MA's), (Start: 107 @57690 has 124 MA's), (163, 57840), (203, 57948),

Gene: DismalStressor_94 Start: 57690, Stop: 57968, Start Num: 107

Candidate Starts for DismalStressor_94:

(Start: 105 @57687 has 22 MA's), (Start: 107 @57690 has 124 MA's), (163, 57840), (203, 57948),

Gene: Dismas_67 Start: 41256, Stop: 41531, Start Num: 123

Candidate Starts for Dismas_67:

(67, 41181), (Start: 123 @41256 has 68 MA's), (175, 41442), (181, 41472),

Gene: DocMcStuffins_1 Start: 42, Stop: 374, Start Num: 94

Candidate Starts for DocMcStuffins_1:

(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (135, 120), (162, 213), (170, 237), (182, 285), (196, 339), (202, 354),

Gene: Dole_99 Start: 60262, Stop: 60564, Start Num: 107

Candidate Starts for Dole_99:

(91, 60241), (Start: 107 @60262 has 124 MA's), (135, 60313), (145, 60337), (197, 60523), (203, 60538),

Gene: DonkeyMan_59 Start: 39766, Stop: 40047, Start Num: 115

Candidate Starts for DonkeyMan_59:

(Start: 59 @39688 has 3 MA's), (87, 39727), (Start: 89 @39730 has 1 MA's), (Start: 115 @39766 has 5 MA's), (136, 39820),

Gene: Doobus_68 Start: 40732, Stop: 41007, Start Num: 123

Candidate Starts for Doobus_68:

(Start: 123 @40732 has 68 MA's),

Gene: DosHalletts_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for DosHalletts_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: DrHayes_98 Start: 60168, Stop: 60470, Start Num: 107

Candidate Starts for DrHayes_98:

(91, 60147), (Start: 107 @60168 has 124 MA's), (145, 60243), (197, 60429), (203, 60444),

Gene: DrRobert_59 Start: 42246, Stop: 42524, Start Num: 117

Candidate Starts for DrRobert_59:

(Start: 117 @42246 has 13 MA's), (Start: 128 @42264 has 63 MA's), (132, 42282), (176, 42441), (192, 42498), (199, 42504),

Gene: Drago_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Drago_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: DreamTeam_61 Start: 42752, Stop: 43012, Start Num: 128

Candidate Starts for DreamTeam_61:

(Start: 117 @42734 has 13 MA's), (Start: 128 @42752 has 63 MA's), (132, 42770), (149, 42827), (169, 42908),

Gene: Durfee_97 Start: 59544, Stop: 59846, Start Num: 107

Candidate Starts for Durfee_97:

(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: E1_55 Start: 34794, Stop: 35114, Start Num: 92

Candidate Starts for E1_55:

(5, 34521), (6, 34560), (7, 34569), (9, 34584), (21, 34650), (22, 34653), (29, 34677), (36, 34695), (48, 34725), (Start: 92 @34794 has 3 MA's), (116, 34824), (143, 34899), (201, 35097),

Gene: ECartman_60 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for ECartman_60:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Ecliptus_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Ecliptus_1:

(71, 13), (Start: 94 @40 has 74 MA's), (146, 145), (160, 199), (161, 208), (162, 211), (164, 220), (170, 235), (178, 265), (193, 319), (202, 352),

Gene: Eden_72 Start: 40483, Stop: 40758, Start Num: 123

Candidate Starts for Eden_72:

(12, 40246), (16, 40276), (17, 40279), (20, 40294), (30, 40324), (31, 40327), (54, 40381), (81, 40423), (Start: 123 @40483 has 68 MA's), (175, 40669), (176, 40672), (200, 40741),

Gene: Edugator_92 Start: 62924, Stop: 63229, Start Num: 107

Candidate Starts for Edugator_92:

(Start: 107 @62924 has 124 MA's), (158, 63062), (163, 63092),

Gene: Eesa_65 Start: 39439, Stop: 39717, Start Num: 119

Candidate Starts for Eesa_65:

(Start: 119 @39439 has 11 MA's), (204, 39709),

Gene: Efra2_104 Start: 60929, Stop: 61216, Start Num: 107

Candidate Starts for Efra2_104:

(Start: 107 @60929 has 124 MA's), (191, 61166), (199, 61181), (200, 61184),

Gene: Ekdilam_92 Start: 61413, Stop: 61709, Start Num: 107

Candidate Starts for Ekdilam_92:

(4, 61107), (Start: 107 @61413 has 124 MA's), (134, 61461), (145, 61488), (187, 61647), (199, 61674),

Gene: Elesar_62 Start: 42571, Stop: 42897, Start Num: 75

Candidate Starts for Elesar_62:

(Start: 75 @42571 has 2 MA's), (Start: 102 @42601 has 6 MA's), (160, 42757), (192, 42871),

Gene: Ellie_96 Start: 61595, Stop: 61885, Start Num: 107

Candidate Starts for Ellie_96:

(Start: 107 @61595 has 124 MA's), (145, 61670), (188, 61832),

Gene: Elva_73 Start: 41675, Stop: 41950, Start Num: 123

Candidate Starts for Elva_73:

(Start: 123 @41675 has 68 MA's), (175, 41861), (176, 41864),

Gene: Emerson_101 Start: 59949, Stop: 60251, Start Num: 107

Candidate Starts for Emerson_101:

(91, 59928), (Start: 107 @59949 has 124 MA's), (145, 60024), (197, 60210), (203, 60225),

Gene: Enby_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Enby_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Enkosi_79 Start: 58687, Stop: 58992, Start Num: 109

Candidate Starts for Enkosi_79:

(34, 58555), (Start: 109 @58687 has 18 MA's), (145, 58762), (158, 58807), (197, 58951), (199, 58957), (203, 58966),

Gene: Eponine_96 Start: 57765, Stop: 58070, Start Num: 110

Candidate Starts for Eponine_96:

(Start: 110 @57765 has 26 MA's), (147, 57870), (203, 58044),

Gene: EstebanJulior_60 Start: 43409, Stop: 43669, Start Num: 128

Candidate Starts for EstebanJulior_60:

(Start: 128 @43409 has 63 MA's), (132, 43427), (149, 43484),

Gene: Eula_69 Start: 40916, Stop: 41191, Start Num: 123

Candidate Starts for Eula_69:

(Start: 123 @40916 has 68 MA's), (175, 41102),

Gene: Eunoia_62 Start: 44077, Stop: 44337, Start Num: 128

Candidate Starts for Eunoia_62:

(Start: 80 @44008 has 2 MA's), (Start: 93 @44029 has 5 MA's), (Start: 128 @44077 has 63 MA's), (133, 44098), (148, 44149),

Gene: Fefferhead_98 Start: 61016, Stop: 61306, Start Num: 107

Candidate Starts for Fefferhead_98:

(Start: 107 @61016 has 124 MA's), (145, 61091), (188, 61253),

Gene: Feyre_98 Start: 63125, Stop: 63430, Start Num: 107

Candidate Starts for Feyre_98:

(Start: 107 @63125 has 124 MA's),

Gene: Finalfrontier_69 Start: 41583, Stop: 41858, Start Num: 123

Candidate Starts for Finalfrontier_69:

(Start: 123 @41583 has 68 MA's), (175, 41769),

Gene: Findley_94 Start: 57711, Stop: 57989, Start Num: 107

Candidate Starts for Findley_94:

(Start: 105 @57708 has 22 MA's), (Start: 107 @57711 has 124 MA's), (163, 57861), (203, 57969),

Gene: Fionnbharth_94 Start: 57163, Stop: 57468, Start Num: 110

Candidate Starts for Fionnbharth_94:

(Start: 110 @57163 has 26 MA's), (147, 57268), (203, 57442),

Gene: FlagStaff_64 Start: 43887, Stop: 44213, Start Num: 88

Candidate Starts for FlagStaff_64:

(Start: 88 @43887 has 68 MA's), (126, 43941), (159, 44061),

Gene: FlameThrower_65 Start: 40846, Stop: 41121, Start Num: 123

Candidate Starts for FlameThrower_65:

(67, 40768), (Start: 123 @40846 has 68 MA's), (175, 41032), (200, 41104),

Gene: Flathead_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Flathead_1:

(65, 7), (71, 13), (Start: 94 @40 has 74 MA's), (132, 109), (135, 118), (162, 211), (182, 283), (194, 328), (196, 337), (202, 352),

Gene: Fluke_62 Start: 43458, Stop: 43736, Start Num: 117

Candidate Starts for Fluke_62:

(Start: 117 @43458 has 13 MA's), (Start: 128 @43476 has 63 MA's), (132, 43494), (148, 43548),

Gene: Frankie_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Frankie_1:

(65, 7), (71, 13), (Start: 94 @40 has 74 MA's), (132, 109), (135, 118), (162, 211), (182, 283), (194, 328), (196, 337), (202, 352),

Gene: Franklin22_74 Start: 40216, Stop: 40491, Start Num: 123

Candidate Starts for Franklin22_74:

(81, 40156), (Start: 123 @40216 has 68 MA's), (175, 40402), (200, 40474),

Gene: Frickyeah_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Frickyeah_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Frizzle_60 Start: 45090, Stop: 45314, Start Num: 138

Candidate Starts for Frizzle_60:

(Start: 102 @45018 has 6 MA's), (Start: 138 @45090 has 1 MA's), (149, 45123), (204, 45306),

Gene: Frosty24_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Frosty24_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Gack_71 Start: 40197, Stop: 40472, Start Num: 123

Candidate Starts for Gack_71:

(Start: 123 @40197 has 68 MA's), (175, 40383), (181, 40413),

Gene: Galaxy_65 Start: 37453, Stop: 37731, Start Num: 119

Candidate Starts for Galaxy_65:

(31, 37303), (39, 37327), (56, 37360), (Start: 119 @37453 has 11 MA's), (179, 37660),

Gene: Ganymede_96 Start: 59358, Stop: 59660, Start Num: 107

Candidate Starts for Ganymede_96:

(91, 59337), (Start: 107 @59358 has 124 MA's), (145, 59433), (197, 59619), (203, 59634),

Gene: Gengar_96 Start: 61193, Stop: 61498, Start Num: 107

Candidate Starts for Gengar_96:

(Start: 107 @61193 has 124 MA's),

Gene: Geraldini_97 Start: 59457, Stop: 59759, Start Num: 107

Candidate Starts for Geraldini_97:

(91, 59436), (Start: 107 @59457 has 124 MA's), (145, 59532), (197, 59718), (203, 59733),

Gene: Getalong_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Getalong_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Ghobes_59 Start: 45003, Stop: 45227, Start Num: 138

Candidate Starts for Ghobes_59:

(Start: 102 @44931 has 6 MA's), (Start: 138 @45003 has 1 MA's), (149, 45036), (204, 45219),

Gene: Gideon_62 Start: 41127, Stop: 41453, Start Num: 88

Candidate Starts for Gideon_62:

(Start: 88 @41127 has 68 MA's), (163, 41322), (184, 41400),

Gene: Girafales_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Girafales_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (125, 86), (132, 110), (135, 119), (160, 200), (170, 236), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: Gisselle_61 Start: 42752, Stop: 43012, Start Num: 128

Candidate Starts for Gisselle_61:

(Start: 117 @42734 has 13 MA's), (Start: 128 @42752 has 63 MA's), (132, 42770), (149, 42827), (169, 42908),

Gene: Glenn_64 Start: 44035, Stop: 44313, Start Num: 117

Candidate Starts for Glenn_64:

(Start: 117 @44035 has 13 MA's), (Start: 128 @44053 has 63 MA's), (132, 44071), (148, 44125),

Gene: Glotell_71 Start: 38150, Stop: 38437, Start Num: 106

Candidate Starts for Glotell_71:

(Start: 106 @38150 has 5 MA's), (161, 38303), (179, 38366),

Gene: GoldenAsh_60 Start: 40665, Stop: 40991, Start Num: 88

Candidate Starts for GoldenAsh_60:

(Start: 88 @40665 has 68 MA's), (163, 40860), (184, 40938),

Gene: Gomashi_61 Start: 41127, Stop: 41453, Start Num: 88

Candidate Starts for Gomashi_61:

(Start: 88 @41127 has 68 MA's), (163, 41322), (184, 41400),

Gene: GreenHearts_62 Start: 43911, Stop: 44171, Start Num: 128

Candidate Starts for GreenHearts_62:

(Start: 128 @43911 has 63 MA's), (131, 43917), (144, 43968), (145, 43971), (148, 43983), (181, 44115),

Gene: Greenhouse_61 Start: 43637, Stop: 43897, Start Num: 128

Candidate Starts for Greenhouse_61:

(Start: 128 @43637 has 63 MA's), (131, 43643), (144, 43694), (145, 43697), (181, 43841),

Gene: Grizzly_61 Start: 40976, Stop: 41302, Start Num: 88

Candidate Starts for Grizzly_61:

(Start: 88 @40976 has 68 MA's), (163, 41171), (184, 41249),

Gene: Guanica15_103 Start: 60618, Stop: 60905, Start Num: 107

Candidate Starts for Guanica15_103:

(Start: 107 @60618 has 124 MA's), (191, 60855), (199, 60870), (200, 60873),

Gene: Guillsminger_96 Start: 62720, Stop: 63025, Start Num: 107

Candidate Starts for Guillsminger_96:

(Start: 107 @62720 has 124 MA's),

Gene: Gusanita_70 Start: 42391, Stop: 42687, Start Num: 102

Candidate Starts for Gusanita_70:

(Start: 102 @42391 has 6 MA's), (143, 42481), (192, 42661),

Gene: Halloweekend_61 Start: 41095, Stop: 41391, Start Num: 102

Candidate Starts for Halloweekend_61:

(Start: 102 @41095 has 6 MA's), (143, 41185), (160, 41251), (179, 41323), (192, 41365),

Gene: Halo_63 Start: 41673, Stop: 41999, Start Num: 88

Candidate Starts for Halo_63:

(Start: 88 @41673 has 68 MA's), (163, 41868), (184, 41946),

Gene: HamCheese_68 Start: 38089, Stop: 38376, Start Num: 106

Candidate Starts for HamCheese_68:

(Start: 106 @38089 has 5 MA's), (161, 38242), (179, 38305),

Gene: Hammy_95 Start: 61452, Stop: 61748, Start Num: 107

Candidate Starts for Hammy_95:

(Start: 107 @61452 has 124 MA's), (134, 61500), (145, 61527), (187, 61686), (199, 61713),

Gene: HeadNerd_62 Start: 42632, Stop: 42892, Start Num: 128

Candidate Starts for HeadNerd_62:

(Start: 117 @42614 has 13 MA's), (Start: 128 @42632 has 63 MA's), (132, 42650), (149, 42707), (176, 42809), (187, 42857),

Gene: HedwigODU_96 Start: 59451, Stop: 59753, Start Num: 107

Candidate Starts for HedwigODU_96:

(91, 59430), (Start: 107 @59451 has 124 MA's), (145, 59526), (197, 59712), (203, 59727),

Gene: Heftyboy_96 Start: 61535, Stop: 61840, Start Num: 107

Candidate Starts for Heftyboy_96:

(Start: 107 @61535 has 124 MA's),

Gene: Hegedechwinu_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Hegedechwinu_1:

(65, 7), (71, 13), (Start: 94 @40 has 74 MA's), (132, 109), (135, 118), (162, 211), (182, 283), (194, 328), (196, 337), (202, 352),

Gene: Heinz_63 Start: 39746, Stop: 40030, Start Num: 115

Candidate Starts for Heinz_63:

(Start: 115 @39746 has 5 MA's), (136, 39800),

Gene: Herb_60 Start: 43613, Stop: 43870, Start Num: 128

Candidate Starts for Herb_60:

(121, 43604), (Start: 128 @43613 has 63 MA's), (132, 43631), (150, 43688), (169, 43766),

Gene: Hibiscus_63 Start: 39480, Stop: 39836, Start Num: 59

Candidate Starts for Hibiscus_63:

(Start: 59 @39480 has 3 MA's), (Start: 115 @39552 has 5 MA's), (136, 39606),

Gene: Hilltopfarm_134 Start: 76128, Stop: 76451, Start Num: 83

Candidate Starts for Hilltopfarm_134:

(Start: 83 @76128 has 4 MA's), (152, 76278), (173, 76359), (180, 76383), (181, 76395),

Gene: Holliday_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Holliday_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: Homura_95 Start: 59347, Stop: 59649, Start Num: 107

Candidate Starts for Homura_95:

(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Hope_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Hope_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Horus_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Horus_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Hotshotbaby7_62 Start: 41127, Stop: 41453, Start Num: 88

Candidate Starts for Hotshotbaby7_62:

(Start: 88 @41127 has 68 MA's), (163, 41322), (184, 41400),

Gene: Huckleberry_62 Start: 42636, Stop: 42896, Start Num: 128

Candidate Starts for Huckleberry_62:

(Start: 117 @42618 has 13 MA's), (Start: 128 @42636 has 63 MA's), (132, 42654), (149, 42711), (176, 42813), (187, 42861),

Gene: Huffy_64 Start: 39227, Stop: 39523, Start Num: 101

Candidate Starts for Huffy_64:

(Start: 72 @39185 has 1 MA's), (Start: 101 @39227 has 8 MA's), (167, 39416), (185, 39485),

Gene: HunterDalle_60 Start: 42928, Stop: 43257, Start Num: 80

Candidate Starts for HunterDalle_60:

(Start: 80 @42928 has 2 MA's), (Start: 93 @42949 has 5 MA's), (Start: 128 @42997 has 63 MA's), (132, 43015), (133, 43018), (148, 43069),

Gene: Huntingdon_61 Start: 43533, Stop: 43811, Start Num: 115

Candidate Starts for Huntingdon_61:

(Start: 115 @43533 has 5 MA's), (Start: 128 @43551 has 63 MA's), (144, 43608), (145, 43611), (148, 43623), (181, 43755),

Gene: Hurricane_98 Start: 60965, Stop: 61252, Start Num: 109

Candidate Starts for Hurricane_98:

(79, 60923), (Start: 89 @60938 has 1 MA's), (Start: 109 @60965 has 18 MA's), (191, 61202), (203, 61226),

Gene: Hyperbowlee_95 Start: 59544, Stop: 59846, Start Num: 107
Candidate Starts for Hyperbowlee_95:
(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: Icarian_72 Start: 41856, Stop: 42131, Start Num: 123
Candidate Starts for Icarian_72:
(Start: 123 @41856 has 68 MA's), (167, 42021), (175, 42042), (176, 42045),

Gene: Ichiang_64 Start: 41204, Stop: 41500, Start Num: 102
Candidate Starts for Ichiang_64:
(Start: 102 @41204 has 6 MA's), (160, 41360), (179, 41432), (192, 41474),

Gene: IdentityCrisis_61 Start: 37798, Stop: 38148, Start Num: 89
Candidate Starts for IdentityCrisis_61:
(Start: 89 @37798 has 1 MA's),

Gene: Illumine_100 Start: 60261, Stop: 60563, Start Num: 107
Candidate Starts for Illumine_100:
(91, 60240), (Start: 107 @60261 has 124 MA's), (135, 60312), (145, 60336), (197, 60522), (203, 60537),

Gene: Immaculata_62 Start: 43324, Stop: 43584, Start Num: 128
Candidate Starts for Immaculata_62:
(Start: 117 @43306 has 13 MA's), (Start: 128 @43324 has 63 MA's), (132, 43342), (148, 43396),

Gene: IndyLu_71 Start: 41495, Stop: 41770, Start Num: 123
Candidate Starts for IndyLu_71:
(24, 41318), (44, 41369), (68, 41420), (81, 41435), (98, 41462), (103, 41468), (Start: 115 @41483 has 5 MA's), (Start: 123 @41495 has 68 MA's),

Gene: Inky_96 Start: 59347, Stop: 59649, Start Num: 107
Candidate Starts for Inky_96:
(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: InvictusManeo_97 Start: 60727, Stop: 61032, Start Num: 107
Candidate Starts for InvictusManeo_97:
(Start: 107 @60727 has 124 MA's), (163, 60895),

Gene: IsHungry_64 Start: 40276, Stop: 40572, Start Num: 102
Candidate Starts for IsHungry_64:
(38, 40180), (Start: 75 @40246 has 2 MA's), (Start: 102 @40276 has 6 MA's), (144, 40372), (160, 40432), (192, 40546), (199, 40552),

Gene: JAWS_95 Start: 59388, Stop: 59690, Start Num: 107
Candidate Starts for JAWS_95:
(91, 59367), (Start: 107 @59388 has 124 MA's), (145, 59463), (197, 59649), (203, 59664),

Gene: JF1_94 Start: 57078, Stop: 57383, Start Num: 110
Candidate Starts for JF1_94:
(Start: 110 @57078 has 26 MA's), (147, 57183), (203, 57357),

Gene: Jabb_71 Start: 41251, Stop: 41526, Start Num: 123
Candidate Starts for Jabb_71:

(Start: 123 @41251 has 68 MA's),

Gene: Jabbawokkie_2 Start: 561, Stop: 893, Start Num: 94

Candidate Starts for Jabbawokkie_2:

(65, 528), (Start: 94 @561 has 74 MA's), (170, 756), (178, 786), (182, 804), (194, 849), (202, 873),

Gene: JalFarm20_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for JalFarm20_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Jamun_63 Start: 38467, Stop: 38745, Start Num: 119

Candidate Starts for Jamun_63:

(25, 38326), (78, 38413), (104, 38449), (Start: 110 @38455 has 26 MA's), (Start: 119 @38467 has 11 MA's),

Gene: Jane_63 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Jane_63:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: JanetJ_52 Start: 36634, Stop: 36915, Start Num: 115

Candidate Starts for JanetJ_52:

(Start: 115 @36634 has 5 MA's),

Gene: Jankie_67 Start: 41285, Stop: 41572, Start Num: 110

Candidate Starts for Jankie_67:

(60, 41219), (Start: 110 @41285 has 26 MA's), (163, 41447), (168, 41465),

Gene: Jarvi_96 Start: 59347, Stop: 59649, Start Num: 107

Candidate Starts for Jarvi_96:

(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Jayhawk_100 Start: 59371, Stop: 59673, Start Num: 107

Candidate Starts for Jayhawk_100:

(91, 59350), (Start: 107 @59371 has 124 MA's), (145, 59446), (197, 59632), (203, 59647),

Gene: Jeckyll_97 Start: 59347, Stop: 59649, Start Num: 107

Candidate Starts for Jeckyll_97:

(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Joann_63 Start: 43843, Stop: 44103, Start Num: 128

Candidate Starts for Joann_63:

(Start: 128 @43843 has 63 MA's), (144, 43900), (145, 43903), (181, 44047),

Gene: Job42_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Job42_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: Johnathan_70 Start: 40508, Stop: 40783, Start Num: 123

Candidate Starts for Johnathan_70:

(Start: 123 @40508 has 68 MA's),

Gene: Jojo24_63 Start: 40163, Stop: 40516, Start Num: 59
Candidate Starts for Jojo24_63:
(Start: 59 @40163 has 3 MA's), (Start: 115 @40235 has 5 MA's), (136, 40289),

Gene: Jolene_62 Start: 41529, Stop: 41855, Start Num: 88
Candidate Starts for Jolene_62:
(Start: 88 @41529 has 68 MA's), (163, 41724), (184, 41802),

Gene: Jolie2_61 Start: 43385, Stop: 43714, Start Num: 88
Candidate Starts for Jolie2_61:
(Start: 88 @43385 has 68 MA's), (161, 43568), (184, 43655),

Gene: Jonghyun_60 Start: 41128, Stop: 41454, Start Num: 88
Candidate Starts for Jonghyun_60:
(Start: 88 @41128 has 68 MA's), (163, 41323), (184, 41401),

Gene: JorRay_63 Start: 41125, Stop: 41451, Start Num: 88
Candidate Starts for JorRay_63:
(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Jovita_68 Start: 40684, Stop: 40959, Start Num: 123
Candidate Starts for Jovita_68:
(Start: 123 @40684 has 68 MA's), (175, 40870),

Gene: Joy99_98 Start: 59476, Stop: 59778, Start Num: 107
Candidate Starts for Joy99_98:
(91, 59455), (Start: 107 @59476 has 124 MA's), (145, 59551), (197, 59737), (203, 59752),

Gene: Juice456_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Juice456_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: Julie_65 Start: 41903, Stop: 42199, Start Num: 102
Candidate Starts for Julie_65:
(Start: 75 @41873 has 2 MA's), (Start: 102 @41903 has 6 MA's), (144, 41999), (160, 42059), (192, 42173), (199, 42179),

Gene: Juliette_96 Start: 57159, Stop: 57464, Start Num: 110
Candidate Starts for Juliette_96:
(Start: 110 @57159 has 26 MA's), (147, 57264), (203, 57438),

Gene: Jumboset_62 Start: 43444, Stop: 43704, Start Num: 128
Candidate Starts for Jumboset_62:
(Start: 117 @43426 has 13 MA's), (Start: 128 @43444 has 63 MA's), (132, 43462), (145, 43504), (148, 43516),

Gene: Juno112_69 Start: 38104, Stop: 38391, Start Num: 106
Candidate Starts for Juno112_69:
(Start: 106 @38104 has 5 MA's), (161, 38257), (179, 38320),

Gene: KHumphrey_70 Start: 37978, Stop: 38265, Start Num: 106
Candidate Starts for KHumphrey_70:

(Start: 106 @37978 has 5 MA's), (161, 38131), (179, 38194),

Gene: Kalizoi_62 Start: 43182, Stop: 43442, Start Num: 128

Candidate Starts for Kalizoi_62:

(Start: 117 @43164 has 13 MA's), (Start: 128 @43182 has 63 MA's), (132, 43200), (148, 43254),

Gene: Kamaru_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Kamaru_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: Kareem_63 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Kareem_63:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Kasen3_63 Start: 41114, Stop: 41440, Start Num: 88

Candidate Starts for Kasen3_63:

(Start: 88 @41114 has 68 MA's), (163, 41309), (184, 41387),

Gene: Kate33_71 Start: 41226, Stop: 41501, Start Num: 123

Candidate Starts for Kate33_71:

(44, 41100), (68, 41151), (81, 41166), (103, 41199), (Start: 115 @41214 has 5 MA's), (Start: 123 @41226 has 68 MA's),

Gene: Katzastrophic_67 Start: 41352, Stop: 41627, Start Num: 123

Candidate Starts for Katzastrophic_67:

(26, 41187), (30, 41196), (31, 41199), (51, 41247), (67, 41277), (Start: 80 @41292 has 2 MA's), (103, 41325), (Start: 123 @41352 has 68 MA's), (175, 41538), (200, 41610),

Gene: KendraB23_76 Start: 39417, Stop: 39695, Start Num: 119

Candidate Starts for KendraB23_76:

(Start: 75 @39363 has 2 MA's), (Start: 119 @39417 has 11 MA's), (204, 39687),

Gene: Kenna_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Kenna_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Kenzers_69 Start: 40798, Stop: 41073, Start Num: 123

Candidate Starts for Kenzers_69:

(Start: 123 @40798 has 68 MA's), (175, 40984),

Gene: Keshu_101 Start: 60898, Stop: 61185, Start Num: 109

Candidate Starts for Keshu_101:

(40, 60787), (51, 60811), (79, 60856), (Start: 89 @60871 has 1 MA's), (Start: 109 @60898 has 18 MA's), (191, 61135), (203, 61159),

Gene: Khuang_70 Start: 39192, Stop: 39488, Start Num: 109

Candidate Starts for Khuang_70:

(Start: 109 @39192 has 18 MA's), (127, 39222), (163, 39360),

Gene: KiSi_104 Start: 62208, Stop: 62504, Start Num: 105

Candidate Starts for KiSi_104:

(Start: 105 @62208 has 22 MA's), (177, 62400), (180, 62409),

Gene: Kieran_65 Start: 41080, Stop: 41355, Start Num: 123

Candidate Starts for Kieran_65:

(67, 41005), (Start: 123 @41080 has 68 MA's), (175, 41266), (181, 41296),

Gene: Kihatsu_68 Start: 42884, Stop: 43183, Start Num: 97

Candidate Starts for Kihatsu_68:

(Start: 75 @42860 has 2 MA's), (Start: 97 @42884 has 1 MA's), (144, 42983), (160, 43043), (167, 43079),

Gene: Kimberlium_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Kimberlium_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: KingBob_60 Start: 43614, Stop: 43871, Start Num: 128

Candidate Starts for KingBob_60:

(121, 43605), (Start: 128 @43614 has 63 MA's), (132, 43632), (150, 43689), (169, 43767),

Gene: Kingsley_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Kingsley_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Kittykat_65 Start: 43266, Stop: 43526, Start Num: 128

Candidate Starts for Kittykat_65:

(Start: 117 @43248 has 13 MA's), (Start: 128 @43266 has 63 MA's), (132, 43284), (149, 43341), (169, 43422), (176, 43443),

Gene: Korra_62 Start: 43371, Stop: 43631, Start Num: 128

Candidate Starts for Korra_62:

(Start: 117 @43353 has 13 MA's), (Start: 128 @43371 has 63 MA's), (132, 43389), (148, 43443),

Gene: Kratio_100 Start: 62318, Stop: 62623, Start Num: 107

Candidate Starts for Kratio_100:

(Start: 107 @62318 has 124 MA's), (163, 62486),

Gene: Kraw_95 Start: 56894, Stop: 57199, Start Num: 110

Candidate Starts for Kraw_95:

(Start: 110 @56894 has 26 MA's), (147, 56999), (203, 57173),

Gene: Krueger_101 Start: 59962, Stop: 60270, Start Num: 105

Candidate Starts for Krueger_101:

(Start: 105 @59962 has 22 MA's), (145, 60037), (203, 60244),

Gene: Lahqtemish_69 Start: 41710, Stop: 41985, Start Num: 123

Candidate Starts for Lahqtemish_69:

(50, 41602), (68, 41635), (81, 41650), (98, 41677), (103, 41683), (Start: 115 @41698 has 5 MA's), (Start: 123 @41710 has 68 MA's),

Gene: Lakshmi_61 Start: 43678, Stop: 43938, Start Num: 128

Candidate Starts for Lakshmi_61:

(Start: 128 @43678 has 63 MA's), (131, 43684), (144, 43735), (145, 43738), (148, 43750), (181, 43882),

Gene: Larva_98 Start: 62571, Stop: 62876, Start Num: 107

Candidate Starts for Larva_98:

(Start: 107 @62571 has 124 MA's), (158, 62709),

Gene: Lasagna_59 Start: 42266, Stop: 42526, Start Num: 128

Candidate Starts for Lasagna_59:

(Start: 117 @42248 has 13 MA's), (Start: 128 @42266 has 63 MA's), (132, 42284), (176, 42443), (192, 42500), (199, 42506),

Gene: LastHope_103 Start: 60575, Stop: 60865, Start Num: 109

Candidate Starts for LastHope_103:

(Start: 109 @60575 has 18 MA's), (175, 60758),

Gene: LaterM_96 Start: 59784, Stop: 60086, Start Num: 107

Candidate Starts for LaterM_96:

(91, 59763), (Start: 107 @59784 has 124 MA's), (135, 59835), (145, 59859), (197, 60045), (203, 60060),

Gene: LeMond_103 Start: 62165, Stop: 62461, Start Num: 105

Candidate Starts for LeMond_103:

(Start: 105 @62165 has 22 MA's), (177, 62357), (180, 62366),

Gene: Lemuria_64 Start: 44074, Stop: 44403, Start Num: 88

Candidate Starts for Lemuria_64:

(Start: 88 @44074 has 68 MA's), (161, 44257), (172, 44287), (184, 44344),

Gene: Lennox_61 Start: 42751, Stop: 43011, Start Num: 128

Candidate Starts for Lennox_61:

(Start: 117 @42733 has 13 MA's), (Start: 128 @42751 has 63 MA's), (132, 42769), (149, 42826), (176, 42928), (192, 42985), (199, 42991),

Gene: Lenoxika_66 Start: 41766, Stop: 42062, Start Num: 102

Candidate Starts for Lenoxika_66:

(Start: 102 @41766 has 6 MA's), (144, 41862), (160, 41922), (167, 41958),

Gene: Leona_68 Start: 38237, Stop: 38518, Start Num: 111

Candidate Starts for Leona_68:

(Start: 111 @38237 has 1 MA's), (161, 38384), (179, 38447),

Gene: Leozinho_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Leozinho_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Leroy_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Leroy_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Leston_95 Start: 61375, Stop: 61680, Start Num: 107

Candidate Starts for Leston_95:
(Start: 107 @61375 has 124 MA's),

Gene: Liefie_59 Start: 40764, Stop: 41090, Start Num: 88
Candidate Starts for Liefie_59:
(Start: 88 @40764 has 68 MA's),

Gene: LilPharaoh_78 Start: 55802, Stop: 56107, Start Num: 109
Candidate Starts for LilPharaoh_78:
(34, 55670), (Start: 109 @55802 has 18 MA's), (145, 55877), (158, 55922), (197, 56066), (199, 56072),
(203, 56081),

Gene: LilSpotty_85 Start: 49411, Stop: 49689, Start Num: 124
Candidate Starts for LilSpotty_85:
(Start: 124 @49411 has 2 MA's), (200, 49663),

Gene: LilStuart_60 Start: 42614, Stop: 42874, Start Num: 128
Candidate Starts for LilStuart_60:
(Start: 117 @42596 has 13 MA's), (Start: 128 @42614 has 63 MA's), (132, 42632), (176, 42791), (192,
42848), (199, 42854),

Gene: LimaBean_68 Start: 40790, Stop: 41065, Start Num: 123
Candidate Starts for LimaBean_68:
(68, 40715), (81, 40730), (100, 40760), (103, 40763), (Start: 123 @40790 has 68 MA's),

Gene: LindNT_94 Start: 59694, Stop: 59996, Start Num: 107
Candidate Starts for LindNT_94:
(91, 59673), (Start: 107 @59694 has 124 MA's), (145, 59769), (197, 59955), (203, 59970),

Gene: LitninMcQueen_1 Start: 39, Stop: 371, Start Num: 94
Candidate Starts for LitninMcQueen_1:
(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193,
318), (202, 351),

Gene: Litotes_62 Start: 43156, Stop: 43416, Start Num: 128
Candidate Starts for Litotes_62:
(Start: 102 @43123 has 6 MA's), (Start: 118 @43144 has 3 MA's), (122, 43150), (Start: 128 @43156
has 63 MA's),

Gene: LittleShirley_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for LittleShirley_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (170, 236), (182,
284), (196, 338), (202, 353),

Gene: LittleTokyo_73 Start: 38604, Stop: 38882, Start Num: 119
Candidate Starts for LittleTokyo_73:
(Start: 119 @38604 has 11 MA's), (175, 38796),

Gene: Llorens_96 Start: 59347, Stop: 59649, Start Num: 107
Candidate Starts for Llorens_96:
(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Lorde_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Lorde_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: LouisV14_64 Start: 43369, Stop: 43695, Start Num: 88

Candidate Starts for LouisV14_64:

(Start: 88 @43369 has 68 MA's), (163, 43564), (184, 43642),

Gene: Loviatar_114 Start: 42044, Stop: 42379, Start Num: 81

Candidate Starts for Loviatar_114:

(68, 42029), (81, 42044), (103, 42077), (Start: 123 @42104 has 68 MA's), (133, 42137), (176, 42293),

Gene: Lucky10_70 Start: 42595, Stop: 42897, Start Num: 112

Candidate Starts for Lucky10_70:

(47, 42496), (Start: 112 @42595 has 1 MA's), (177, 42802),

Gene: Lucy_60 Start: 42591, Stop: 42869, Start Num: 117

Candidate Starts for Lucy_60:

(Start: 117 @42591 has 13 MA's), (Start: 128 @42609 has 63 MA's), (132, 42627), (176, 42786), (192, 42843), (199, 42849),

Gene: Lunahalos_96 Start: 59347, Stop: 59649, Start Num: 107

Candidate Starts for Lunahalos_96:

(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Lutum_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Lutum_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Lynlen_71 Start: 40984, Stop: 41259, Start Num: 123

Candidate Starts for Lynlen_71:

(Start: 115 @40972 has 5 MA's), (Start: 123 @40984 has 68 MA's),

Gene: MOOREtheMARYer_66 Start: 43647, Stop: 43973, Start Num: 88

Candidate Starts for MOOREtheMARYer_66:

(Start: 88 @43647 has 68 MA's), (126, 43701), (159, 43821), (160, 43824),

Gene: MacKat_94 Start: 55081, Stop: 55383, Start Num: 107

Candidate Starts for MacKat_94:

(Start: 107 @55081 has 124 MA's), (145, 55156), (197, 55342), (203, 55357),

Gene: MacnCheese_99 Start: 61214, Stop: 61501, Start Num: 109

Candidate Starts for MacnCheese_99:

(53, 61130), (79, 61172), (Start: 89 @61187 has 1 MA's), (Start: 109 @61214 has 18 MA's),

Gene: Madiba_1 Start: 40, Stop: 372, Start Num: 93

Candidate Starts for Madiba_1:

(65, 7), (71, 13), (Start: 93 @40 has 5 MA's), (135, 118), (170, 235), (182, 283), (196, 337), (202, 352),

Gene: Mahdia_60 Start: 41790, Stop: 42113, Start Num: 72

Candidate Starts for Mahdia_60:

(Start: 72 @41790 has 1 MA's), (Start: 77 @41796 has 1 MA's), (160, 41970), (163, 41988), (185, 42075),

Gene: Makoto_60 Start: 42571, Stop: 42831, Start Num: 128

Candidate Starts for Makoto_60:

(Start: 117 @42553 has 13 MA's), (Start: 128 @42571 has 63 MA's), (132, 42589), (149, 42646), (176, 42748), (192, 42805), (199, 42811),

Gene: Maliketh_61 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Maliketh_61:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Malisha_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Malisha_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (161, 207), (170, 234), (178, 264), (182, 282), (193, 318), (202, 351),

Gene: Malthus_95 Start: 56888, Stop: 57193, Start Num: 110

Candidate Starts for Malthus_95:

(Start: 110 @56888 has 26 MA's), (147, 56993), (203, 57167),

Gene: MamaPearl_60 Start: 43409, Stop: 43669, Start Num: 128

Candidate Starts for MamaPearl_60:

(Start: 128 @43409 has 63 MA's), (132, 43427), (149, 43484),

Gene: Marcoliusprime_92 Start: 57690, Stop: 57968, Start Num: 107

Candidate Starts for Marcoliusprime_92:

(Start: 105 @57687 has 22 MA's), (Start: 107 @57690 has 124 MA's), (163, 57840), (203, 57948),

Gene: Maria1952_59 Start: 43613, Stop: 43870, Start Num: 128

Candidate Starts for Maria1952_59:

(121, 43604), (Start: 128 @43613 has 63 MA's), (132, 43631), (150, 43688), (169, 43766),

Gene: MarkPhew_103 Start: 61805, Stop: 62098, Start Num: 105

Candidate Starts for MarkPhew_103:

(Start: 105 @61805 has 22 MA's), (145, 61880), (180, 62006), (205, 62084),

Gene: Marker_1 Start: 40, Stop: 372, Start Num: 93

Candidate Starts for Marker_1:

(65, 7), (71, 13), (Start: 93 @40 has 5 MA's), (135, 118), (162, 211), (170, 235), (182, 283), (196, 337), (202, 352),

Gene: Marmie_62 Start: 41126, Stop: 41452, Start Num: 88

Candidate Starts for Marmie_62:

(Start: 88 @41126 has 68 MA's), (163, 41321), (184, 41399),

Gene: Marshawn_96 Start: 61097, Stop: 61411, Start Num: 107

Candidate Starts for Marshawn_96:

(Start: 107 @61097 has 124 MA's), (145, 61172), (200, 61379), (203, 61385),

Gene: Mdavu_78 Start: 56078, Stop: 56383, Start Num: 109

Candidate Starts for Mdavu_78:

(34, 55946), (Start: 109 @56078 has 18 MA's), (145, 56153), (158, 56198), (197, 56342), (199, 56348), (203, 56357),

Gene: MeaningOfLife_98 Start: 60071, Stop: 60373, Start Num: 107

Candidate Starts for MeaningOfLife_98:

(91, 60050), (Start: 107 @60071 has 124 MA's), (145, 60146), (197, 60332), (203, 60347),

Gene: MeganNoll_63 Start: 43904, Stop: 44182, Start Num: 117

Candidate Starts for MeganNoll_63:

(Start: 117 @43904 has 13 MA's), (Start: 128 @43922 has 63 MA's), (132, 43940), (148, 43994),

Gene: Megsy_102 Start: 59832, Stop: 60134, Start Num: 107

Candidate Starts for Megsy_102:

(91, 59811), (Start: 107 @59832 has 124 MA's), (145, 59907), (197, 60093), (203, 60108),

Gene: Mercurio_63 Start: 43953, Stop: 44282, Start Num: 88

Candidate Starts for Mercurio_63:

(Start: 88 @43953 has 68 MA's), (161, 44136), (184, 44223),

Gene: Milly_94 Start: 57772, Stop: 58050, Start Num: 107

Candidate Starts for Milly_94:

(Start: 105 @57769 has 22 MA's), (Start: 107 @57772 has 124 MA's), (163, 57922), (203, 58030),

Gene: Min1_34 Start: 16506, Stop: 16799, Start Num: 116

Candidate Starts for Min1_34:

(67, 16446), (81, 16461), (Start: 83 @16464 has 4 MA's), (Start: 92 @16479 has 3 MA's), (104, 16491), (116, 16506), (153, 16617), (167, 16686), (201, 16782),

Gene: Miryou_98 Start: 62747, Stop: 63052, Start Num: 107

Candidate Starts for Miryou_98:

(Start: 107 @62747 has 124 MA's),

Gene: Misaeng_61 Start: 43477, Stop: 43737, Start Num: 128

Candidate Starts for Misaeng_61:

(Start: 128 @43477 has 63 MA's), (144, 43534), (145, 43537), (148, 43549), (181, 43681),

Gene: Misha28_1 Start: 42, Stop: 374, Start Num: 94

Candidate Starts for Misha28_1:

(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (135, 120), (162, 213), (170, 237), (182, 285), (196, 339), (202, 354),

Gene: MissDaisy_88 Start: 53576, Stop: 53857, Start Num: 110

Candidate Starts for MissDaisy_88:

(Start: 110 @53576 has 26 MA's), (200, 53825), (203, 53831),

Gene: Mitti_94 Start: 56983, Stop: 57288, Start Num: 110

Candidate Starts for Mitti_94:

(Start: 110 @56983 has 26 MA's), (203, 57262),

Gene: Moki_62 Start: 42825, Stop: 43085, Start Num: 128

Candidate Starts for Moki_62:

(Start: 117 @42807 has 13 MA's), (Start: 128 @42825 has 63 MA's), (132, 42843), (149, 42900), (176, 43002), (187, 43050),

Gene: Morkie_74 Start: 41703, Stop: 42008, Start Num: 110

Candidate Starts for Morkie_74:

(47, 41607), (Start: 110 @41703 has 26 MA's), (177, 41913),

Gene: Morrissey_63 Start: 43651, Stop: 44007, Start Num: 57

Candidate Starts for Morrissey_63:

(Start: 57 @43651 has 1 MA's), (65, 43666), (Start: 76 @43678 has 1 MA's), (Start: 92 @43702 has 3 MA's), (160, 43864), (185, 43969),

Gene: Mova_1 Start: 41, Stop: 373, Start Num: 93

Candidate Starts for Mova_1:

(Start: 69 @11 has 1 MA's), (Start: 93 @41 has 5 MA's), (135, 119), (162, 212), (170, 236), (182, 284), (196, 338), (202, 353),

Gene: Mowgli_62 Start: 41126, Stop: 41452, Start Num: 88

Candidate Starts for Mowgli_62:

(Start: 88 @41126 has 68 MA's), (163, 41321), (184, 41399),

Gene: Mozy_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Mozy_1:

(65, 7), (71, 13), (Start: 94 @40 has 74 MA's), (125, 85), (132, 109), (135, 118), (160, 199), (170, 235), (182, 283), (194, 328), (196, 337), (202, 352),

Gene: MrGloopy_62 Start: 43347, Stop: 43625, Start Num: 117

Candidate Starts for MrGloopy_62:

(Start: 117 @43347 has 13 MA's), (Start: 128 @43365 has 63 MA's), (132, 43383), (148, 43437),

Gene: MsUbiquitous_71 Start: 41251, Stop: 41526, Start Num: 123

Candidate Starts for MsUbiquitous_71:

(Start: 123 @41251 has 68 MA's),

Gene: Mufasa_94 Start: 57627, Stop: 57905, Start Num: 107

Candidate Starts for Mufasa_94:

(Start: 105 @57624 has 22 MA's), (Start: 107 @57627 has 124 MA's), (203, 57885),

Gene: MulchExplorer_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for MulchExplorer_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: Murucutumbu_96 Start: 60249, Stop: 60551, Start Num: 107

Candidate Starts for Murucutumbu_96:

(91, 60228), (Start: 107 @60249 has 124 MA's), (135, 60300), (145, 60324), (197, 60510), (203, 60525),

Gene: Mynx_97 Start: 59694, Stop: 59996, Start Num: 107

Candidate Starts for Mynx_97:

(91, 59673), (Start: 107 @59694 has 124 MA's), (145, 59769), (197, 59955), (203, 59970),

Gene: Nancia_61 Start: 42902, Stop: 43162, Start Num: 128

Candidate Starts for Nancia_61:

(Start: 117 @42884 has 13 MA's), (Start: 128 @42902 has 63 MA's), (132, 42920), (176, 43079), (192, 43136), (199, 43142),

Gene: Nandita_68 Start: 42024, Stop: 42323, Start Num: 99

Candidate Starts for Nandita_68:

(38, 41931), (Start: 77 @42000 has 1 MA's), (Start: 99 @42024 has 1 MA's), (160, 42183), (161, 42192), (192, 42297),

Gene: Neighly_100 Start: 62570, Stop: 62875, Start Num: 107

Candidate Starts for Neighly_100:

(Start: 107 @62570 has 124 MA's), (158, 62708),

Gene: Nibb_103 Start: 61945, Stop: 62238, Start Num: 105

Candidate Starts for Nibb_103:

(Start: 105 @61945 has 22 MA's), (145, 62020), (180, 62146), (195, 62194),

Gene: Nicky22_69 Start: 41321, Stop: 41596, Start Num: 123

Candidate Starts for Nicky22_69:

(Start: 123 @41321 has 68 MA's), (175, 41507),

Gene: Nikao_80 Start: 58687, Stop: 58992, Start Num: 109

Candidate Starts for Nikao_80:

(34, 58555), (Start: 109 @58687 has 18 MA's), (145, 58762), (158, 58807), (197, 58951), (199, 58957), (203, 58966),

Gene: Niklas_98 Start: 60655, Stop: 60942, Start Num: 107

Candidate Starts for Niklas_98:

(2, 60328), (61, 60592), (Start: 107 @60655 has 124 MA's), (145, 60730), (177, 60847), (191, 60892), (205, 60928),

Gene: November_95 Start: 61155, Stop: 61454, Start Num: 107

Candidate Starts for November_95:

(Start: 107 @61155 has 124 MA's), (134, 61203), (145, 61230), (199, 61419),

Gene: Nubia_61 Start: 43705, Stop: 43965, Start Num: 128

Candidate Starts for Nubia_61:

(Start: 115 @43687 has 5 MA's), (Start: 128 @43705 has 63 MA's), (144, 43762), (145, 43765), (181, 43909),

Gene: Nutello_77 Start: 56074, Stop: 56379, Start Num: 109

Candidate Starts for Nutello_77:

(34, 55942), (Start: 109 @56074 has 18 MA's), (145, 56149), (158, 56194), (197, 56338), (199, 56344), (203, 56353),

Gene: ODay_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for ODay_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: OMalley_60 Start: 43400, Stop: 43660, Start Num: 128

Candidate Starts for OMalley_60:

(Start: 80 @43331 has 2 MA's), (Start: 93 @43352 has 5 MA's), (Start: 128 @43400 has 63 MA's), (133, 43421), (148, 43472),

Gene: OctaviousRex_61 Start: 41104, Stop: 41430, Start Num: 88
Candidate Starts for OctaviousRex_61:
(Start: 88 @41104 has 68 MA's), (163, 41299), (184, 41377),

Gene: Ogotopogo_2 Start: 299, Stop: 631, Start Num: 94
Candidate Starts for Ogotopogo_2:
(Start: 94 @299 has 74 MA's), (135, 377), (170, 494), (178, 524), (182, 542), (194, 587), (202, 611),

Gene: OkiRoe_97 Start: 62228, Stop: 62533, Start Num: 107
Candidate Starts for OkiRoe_97:
(Start: 107 @62228 has 124 MA's),

Gene: Oksu_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Oksu_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (170, 236), (182, 284), (196, 338), (202, 353),

Gene: Olga_63 Start: 41126, Stop: 41452, Start Num: 88
Candidate Starts for Olga_63:
(Start: 88 @41126 has 68 MA's), (163, 41321), (184, 41399),

Gene: Olliecat_66 Start: 38762, Stop: 39037, Start Num: 123
Candidate Starts for Olliecat_66:
(3, 38429), (23, 38579), (39, 38630), (Start: 123 @38762 has 68 MA's), (175, 38948), (189, 39005),

Gene: OmniCritical_94 Start: 57061, Stop: 57366, Start Num: 110
Candidate Starts for OmniCritical_94:
(Start: 110 @57061 has 26 MA's), (203, 57340),

Gene: Omnicron_96 Start: 61077, Stop: 61382, Start Num: 107
Candidate Starts for Omnicron_96:
(70, 61029), (Start: 107 @61077 has 124 MA's), (163, 61245),

Gene: Orcanus_65 Start: 39051, Stop: 39329, Start Num: 119
Candidate Starts for Orcanus_65:
(Start: 119 @39051 has 11 MA's),

Gene: Oscar_104 Start: 62087, Stop: 62383, Start Num: 105
Candidate Starts for Oscar_104:
(Start: 105 @62087 has 22 MA's), (177, 62279), (180, 62288),

Gene: OurGirlNessie_59 Start: 42225, Stop: 42485, Start Num: 128
Candidate Starts for OurGirlNessie_59:
(Start: 117 @42207 has 13 MA's), (Start: 128 @42225 has 63 MA's), (132, 42243), (149, 42300), (176, 42402), (192, 42459), (199, 42465),

Gene: OwlsT2W_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for OwlsT2W_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Oxyfrius_62 Start: 43823, Stop: 44083, Start Num: 128

Candidate Starts for Oxynfrius_62:

(Start: 128 @43823 has 63 MA's), (144, 43880), (145, 43883), (181, 44027),

Gene: P3MA_62 Start: 40580, Stop: 40894, Start Num: 108

Candidate Starts for P3MA_62:

(41, 40472), (Start: 108 @40580 has 1 MA's), (176, 40793), (203, 40871),

Gene: Padfoot_96 Start: 59544, Stop: 59846, Start Num: 107

Candidate Starts for Padfoot_96:

(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: Padpat_101 Start: 59949, Stop: 60251, Start Num: 107

Candidate Starts for Padpat_101:

(91, 59928), (Start: 107 @59949 has 124 MA's), (145, 60024), (197, 60210), (203, 60225),

Gene: Paito_63 Start: 40764, Stop: 41090, Start Num: 88

Candidate Starts for Paito_63:

(Start: 88 @40764 has 68 MA's),

Gene: Paola_93 Start: 61102, Stop: 61407, Start Num: 107

Candidate Starts for Paola_93:

(Start: 107 @61102 has 124 MA's),

Gene: PartyCup_66 Start: 43576, Stop: 43848, Start Num: 118

Candidate Starts for PartyCup_66:

(Start: 102 @43555 has 6 MA's), (Start: 118 @43576 has 3 MA's), (122, 43582), (Start: 128 @43588 has 63 MA's),

Gene: PastaFagioli_69 Start: 41718, Stop: 42053, Start Num: 81

Candidate Starts for PastaFagioli_69:

(50, 41670), (68, 41703), (81, 41718), (98, 41745), (103, 41751), (Start: 115 @41766 has 5 MA's), (Start: 123 @41778 has 68 MA's),

Gene: Patt_87 Start: 53723, Stop: 54004, Start Num: 110

Candidate Starts for Patt_87:

(Start: 110 @53723 has 26 MA's), (200, 53972), (203, 53978),

Gene: Peanam_99 Start: 60707, Stop: 60994, Start Num: 107

Candidate Starts for Peanam_99:

(2, 60395), (61, 60644), (Start: 107 @60707 has 124 MA's), (145, 60782), (177, 60899), (191, 60944), (205, 60980),

Gene: Peeb_61 Start: 41100, Stop: 41426, Start Num: 88

Candidate Starts for Peeb_61:

(Start: 88 @41100 has 68 MA's), (163, 41295), (184, 41373),

Gene: Peel_96 Start: 59350, Stop: 59652, Start Num: 107

Candidate Starts for Peel_96:

(91, 59329), (Start: 107 @59350 has 124 MA's), (145, 59425), (197, 59611), (203, 59626),

Gene: Periodt_62 Start: 41518, Stop: 41844, Start Num: 88

Candidate Starts for Periodt_62:

(Start: 88 @41518 has 68 MA's),

Gene: Periwinkle_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Periwinkle_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (202, 351),

Gene: Phabuloso_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Phabuloso_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (170, 234), (182, 282), (193, 318), (202, 351),

Gene: Pharb_97 Start: 60473, Stop: 60760, Start Num: 109

Candidate Starts for Pharb_97:

(1, 60098), (8, 60224), (40, 60362), (53, 60389), (84, 60437), (Start: 109 @60473 has 18 MA's), (134, 60521), (184, 60701),

Gene: PhelpsODU_92 Start: 56221, Stop: 56529, Start Num: 105

Candidate Starts for PhelpsODU_92:

(Start: 105 @56221 has 22 MA's), (145, 56296), (203, 56503),

Gene: PhigPhack_73 Start: 41119, Stop: 41394, Start Num: 123

Candidate Starts for PhigPhack_73:

(Start: 123 @41119 has 68 MA's), (175, 41305),

Gene: Phisb_72 Start: 41092, Stop: 41367, Start Num: 123

Candidate Starts for Phisb_72:

(Start: 123 @41092 has 68 MA's),

Gene: Phish_61 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Phish_61:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Phistory_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Phistory_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (193, 318), (202, 351),

Gene: PhluffyCoco_68 Start: 38203, Stop: 38490, Start Num: 106

Candidate Starts for PhluffyCoco_68:

(Start: 106 @38203 has 5 MA's), (161, 38356), (179, 38419),

Gene: PhorbesPhlower_72 Start: 41098, Stop: 41403, Start Num: 110

Candidate Starts for PhorbesPhlower_72:

(47, 41002), (Start: 110 @41098 has 26 MA's), (177, 41308),

Gene: Phrank_103 Start: 60753, Stop: 61058, Start Num: 105

Candidate Starts for Phrank_103:

(Start: 105 @60753 has 22 MA's), (145, 60828), (203, 61032),

Gene: Phreak_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Phreak_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Piatt_95 Start: 59544, Stop: 59846, Start Num: 107

Candidate Starts for Piatt_95:

(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: PinkFriday_61 Start: 42959, Stop: 43216, Start Num: 128

Candidate Starts for PinkFriday_61:

(121, 42950), (Start: 128 @42959 has 63 MA's), (150, 43034), (151, 43037), (169, 43112), (199, 43196),

Gene: PinkYoshi_62 Start: 41117, Stop: 41443, Start Num: 88

Candidate Starts for PinkYoshi_62:

(Start: 88 @41117 has 68 MA's), (163, 41312), (184, 41390),

Gene: Pinnie_65 Start: 44002, Stop: 44328, Start Num: 88

Candidate Starts for Pinnie_65:

(Start: 88 @44002 has 68 MA's), (126, 44056), (159, 44176), (160, 44179),

Gene: Piper2020_1 Start: 42, Stop: 374, Start Num: 94

Candidate Starts for Piper2020_1:

(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (135, 120), (162, 213), (170, 237), (182, 285), (196, 339), (202, 354),

Gene: PitaDog_61 Start: 42609, Stop: 42887, Start Num: 117

Candidate Starts for PitaDog_61:

(Start: 117 @42609 has 13 MA's), (Start: 128 @42627 has 63 MA's), (132, 42645), (149, 42702), (176, 42804), (192, 42861), (199, 42867),

Gene: Pitbull_79 Start: 41146, Stop: 41412, Start Num: 124

Candidate Starts for Pitbull_79:

(Start: 124 @41146 has 2 MA's), (158, 41263), (183, 41371),

Gene: Pixie_100 Start: 60794, Stop: 61081, Start Num: 109

Candidate Starts for Pixie_100:

(40, 60683), (79, 60752), (Start: 89 @60767 has 1 MA's), (Start: 109 @60794 has 18 MA's), (191, 61031), (203, 61055),

Gene: Plagueis_62 Start: 40946, Stop: 41272, Start Num: 88

Candidate Starts for Plagueis_62:

(Start: 88 @40946 has 68 MA's), (163, 41141), (184, 41219),

Gene: Plumbus_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Plumbus_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: Pokerus_96 Start: 59414, Stop: 59716, Start Num: 107

Candidate Starts for Pokerus_96:

(91, 59393), (Start: 107 @59414 has 124 MA's), (145, 59489), (197, 59675), (203, 59690),

Gene: Pollywog_1 Start: 40, Stop: 372, Start Num: 93

Candidate Starts for Pollywog_1:

(65, 7), (71, 13), (Start: 93 @40 has 5 MA's), (135, 118), (170, 235), (182, 283), (196, 337), (202, 352),

Gene: Popper_70 Start: 41441, Stop: 41767, Start Num: 75
Candidate Starts for Popper_70:
(38, 41375), (Start: 75 @41441 has 2 MA's), (Start: 102 @41471 has 6 MA's), (144, 41567), (160, 41627), (192, 41741), (199, 41747),

Gene: Potatoes_62 Start: 43324, Stop: 43584, Start Num: 128
Candidate Starts for Potatoes_62:
(Start: 117 @43306 has 13 MA's), (Start: 128 @43324 has 63 MA's), (132, 43342), (148, 43396),

Gene: Preamble_64 Start: 43037, Stop: 43297, Start Num: 128
Candidate Starts for Preamble_64:
(Start: 117 @43019 has 13 MA's), (Start: 128 @43037 has 63 MA's), (132, 43055), (149, 43112), (169, 43193), (176, 43214),

Gene: Prithvi_98 Start: 59952, Stop: 60254, Start Num: 107
Candidate Starts for Prithvi_98:
(91, 59931), (Start: 107 @59952 has 124 MA's), (145, 60027), (197, 60213), (203, 60228),

Gene: Psycho_98 Start: 61690, Stop: 61995, Start Num: 107
Candidate Starts for Psycho_98:
(Start: 107 @61690 has 124 MA's), (158, 61828),

Gene: Pterodactyl_61 Start: 42938, Stop: 43198, Start Num: 128
Candidate Starts for Pterodactyl_61:
(Start: 117 @42920 has 13 MA's), (Start: 128 @42938 has 63 MA's), (132, 42956), (149, 43013), (176, 43115), (192, 43172), (199, 43178),

Gene: Pumancara_61 Start: 42494, Stop: 42751, Start Num: 128
Candidate Starts for Pumancara_61:
(121, 42485), (Start: 128 @42494 has 63 MA's), (150, 42569), (151, 42572), (169, 42647), (199, 42731),

Gene: Puppies_62 Start: 41790, Stop: 42113, Start Num: 85
Candidate Starts for Puppies_62:
(35, 41697), (42, 41718), (49, 41733), (51, 41739), (Start: 72 @41775 has 1 MA's), (Start: 85 @41790 has 2 MA's), (163, 41988),

Gene: QMacho_72 Start: 41222, Stop: 41497, Start Num: 123
Candidate Starts for QMacho_72:
(Start: 123 @41222 has 68 MA's),

Gene: Quenya_69 Start: 41516, Stop: 41791, Start Num: 123
Candidate Starts for Quenya_69:
(Start: 123 @41516 has 68 MA's), (133, 41549), (175, 41702), (200, 41774),

Gene: Quico_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Quico_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (125, 86), (132, 110), (135, 119), (160, 200), (170, 236), (182, 284), (194, 329), (196, 338), (202, 353),

Gene: QuincyRose_94 Start: 59358, Stop: 59660, Start Num: 107
Candidate Starts for QuincyRose_94:
(91, 59337), (Start: 107 @59358 has 124 MA's), (145, 59433), (197, 59619), (203, 59634),

Gene: QuinnAvery_70 Start: 42826, Stop: 43122, Start Num: 102

Candidate Starts for QuinnAvery_70:

(43, 42730), (Start: 102 @42826 has 6 MA's), (144, 42922), (160, 42982), (161, 42991),

Gene: RAP15_63 Start: 43905, Stop: 44183, Start Num: 117

Candidate Starts for RAP15_63:

(Start: 117 @43905 has 13 MA's), (Start: 128 @43923 has 63 MA's), (132, 43941), (148, 43995),

Gene: Rabbs_63 Start: 41200, Stop: 41526, Start Num: 88

Candidate Starts for Rabbs_63:

(Start: 88 @41200 has 68 MA's), (184, 41473),

Gene: Ramen_97 Start: 59101, Stop: 59403, Start Num: 107

Candidate Starts for Ramen_97:

(91, 59080), (Start: 107 @59101 has 124 MA's), (145, 59176), (197, 59362), (203, 59377),

Gene: Ramsey_1 Start: 11, Stop: 373, Start Num: 69

Candidate Starts for Ramsey_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Rando14_92 Start: 59491, Stop: 59796, Start Num: 107

Candidate Starts for Rando14_92:

(70, 59443), (Start: 107 @59491 has 124 MA's), (163, 59659),

Gene: Rapunzel97_99 Start: 59326, Stop: 59628, Start Num: 107

Candidate Starts for Rapunzel97_99:

(91, 59305), (Start: 107 @59326 has 124 MA's), (145, 59401), (197, 59587), (203, 59602),

Gene: Rattail_71 Start: 38499, Stop: 38786, Start Num: 106

Candidate Starts for Rattail_71:

(Start: 106 @38499 has 5 MA's), (161, 38652), (179, 38715),

Gene: RcigaStruga_62 Start: 43551, Stop: 43811, Start Num: 128

Candidate Starts for RcigaStruga_62:

(Start: 115 @43533 has 5 MA's), (Start: 128 @43551 has 63 MA's), (144, 43608), (145, 43611), (148, 43623), (181, 43755),

Gene: RedFox_71 Start: 38363, Stop: 38650, Start Num: 106

Candidate Starts for RedFox_71:

(Start: 106 @38363 has 5 MA's), (161, 38516), (179, 38579),

Gene: Remy19_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Remy19_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Renaissance_61 Start: 41103, Stop: 41429, Start Num: 88

Candidate Starts for Renaissance_61:

(Start: 88 @41103 has 68 MA's), (163, 41298), (184, 41376),

Gene: Renna12_72 Start: 38798, Stop: 39091, Start Num: 106

Candidate Starts for Renna12_72:

(90, 38777), (Start: 106 @38798 has 5 MA's), (161, 38957), (179, 39020),

Gene: Reptar3000_88 Start: 53713, Stop: 53994, Start Num: 110

Candidate Starts for Reptar3000_88:

(Start: 110 @53713 has 26 MA's), (200, 53962), (203, 53968),

Gene: Reyja_65 Start: 41077, Stop: 41433, Start Num: 59

Candidate Starts for Reyja_65:

(Start: 59 @41077 has 3 MA's), (Start: 115 @41149 has 5 MA's), (136, 41203),

Gene: Rialto_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Rialto_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (170, 236), (182, 284), (196, 338), (202, 353),

Gene: Riovina_60 Start: 43400, Stop: 43660, Start Num: 128

Candidate Starts for Riovina_60:

(Start: 80 @43331 has 2 MA's), (Start: 93 @43352 has 5 MA's), (Start: 128 @43400 has 63 MA's), (133, 43421), (148, 43472),

Gene: Riverdale_61 Start: 43055, Stop: 43315, Start Num: 128

Candidate Starts for Riverdale_61:

(Start: 117 @43037 has 13 MA's), (Start: 128 @43055 has 63 MA's), (132, 43073), (148, 43127),

Gene: RockyHorror_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for RockyHorror_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Rollins_70 Start: 39578, Stop: 39853, Start Num: 123

Candidate Starts for Rollins_70:

(18, 39380), (23, 39395), (32, 39422), (46, 39455), (68, 39503), (81, 39518), (103, 39551), (Start: 123 @39578 has 68 MA's),

Gene: Rona_66 Start: 41247, Stop: 41522, Start Num: 123

Candidate Starts for Rona_66:

(67, 41172), (Start: 123 @41247 has 68 MA's), (175, 41433), (181, 41463),

Gene: Rosmarinus_97 Start: 59335, Stop: 59637, Start Num: 107

Candidate Starts for Rosmarinus_97:

(91, 59314), (Start: 107 @59335 has 124 MA's), (145, 59410), (197, 59596), (203, 59611),

Gene: Rozby_60 Start: 42859, Stop: 43119, Start Num: 128

Candidate Starts for Rozby_60:

(Start: 117 @42841 has 13 MA's), (Start: 128 @42859 has 63 MA's), (132, 42877), (148, 42931),

Gene: Ruchi_64 Start: 38215, Stop: 38493, Start Num: 119

Candidate Starts for Ruchi_64:

(45, 38110), (63, 38140), (Start: 110 @38203 has 26 MA's), (Start: 119 @38215 has 11 MA's),

Gene: Ruthiejr_96 Start: 56946, Stop: 57251, Start Num: 110

Candidate Starts for Ruthiejr_96:

(Start: 110 @56946 has 26 MA's), (147, 57051), (203, 57225),

Gene: Ryan_70 Start: 42477, Stop: 42773, Start Num: 102
Candidate Starts for Ryan_70:
(Start: 75 @42438 has 2 MA's), (Start: 102 @42477 has 6 MA's), (160, 42633), (192, 42747),

Gene: SamScheppers_93 Start: 57439, Stop: 57744, Start Num: 110
Candidate Starts for SamScheppers_93:
(Start: 110 @57439 has 26 MA's), (203, 57718),

Gene: SamuelLPlaqson_98 Start: 60168, Stop: 60470, Start Num: 107
Candidate Starts for SamuelLPlaqson_98:
(91, 60147), (Start: 107 @60168 has 124 MA's), (145, 60243), (197, 60429), (203, 60444),

Gene: SanaSana_70 Start: 41542, Stop: 41817, Start Num: 123
Candidate Starts for SanaSana_70:
(11, 41296), (13, 41311), (19, 41350), (62, 41458), (68, 41467), (81, 41482), (103, 41515), (Start: 123 @41542 has 68 MA's), (133, 41575), (175, 41728), (176, 41731),

Gene: SansAfet_72 Start: 41068, Stop: 41343, Start Num: 123
Candidate Starts for SansAfet_72:
(Start: 123 @41068 has 68 MA's), (175, 41254),

Gene: Santhid_59 Start: 38581, Stop: 38865, Start Num: 115
Candidate Starts for Santhid_59:
(58, 38500), (87, 38542), (Start: 89 @38545 has 1 MA's), (Start: 115 @38581 has 5 MA's), (136, 38635),

Gene: Sapo_61 Start: 45211, Stop: 45513, Start Num: 96
Candidate Starts for Sapo_61:
(Start: 96 @45211 has 1 MA's), (145, 45304), (155, 45337), (171, 45412), (204, 45505),

Gene: SarBear_72 Start: 41148, Stop: 41423, Start Num: 123
Candidate Starts for SarBear_72:
(Start: 123 @41148 has 68 MA's),

Gene: Sarma624_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Sarma624_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Savage2526_61 Start: 43082, Stop: 43342, Start Num: 128
Candidate Starts for Savage2526_61:
(Start: 117 @43064 has 13 MA's), (Start: 128 @43082 has 63 MA's), (132, 43100), (148, 43154),

Gene: Scarlett_103 Start: 61956, Stop: 62252, Start Num: 105
Candidate Starts for Scarlett_103:
(Start: 105 @61956 has 22 MA's), (177, 62148), (180, 62157),

Gene: Schiebel_60 Start: 40665, Stop: 40991, Start Num: 88
Candidate Starts for Schiebel_60:
(Start: 88 @40665 has 68 MA's), (163, 40860), (184, 40938),

Gene: Schmidt_58 Start: 36837, Stop: 37133, Start Num: 101

Candidate Starts for Schmidt_58:
(Start: 101 @36837 has 8 MA's), (163, 37008), (192, 37107),

Gene: Scuttle_61 Start: 43375, Stop: 43653, Start Num: 117
Candidate Starts for Scuttle_61:
(Start: 117 @43375 has 13 MA's), (Start: 128 @43393 has 63 MA's), (132, 43411), (148, 43465),

Gene: Sergei_60 Start: 43614, Stop: 43871, Start Num: 128
Candidate Starts for Sergei_60:
(121, 43605), (Start: 128 @43614 has 63 MA's), (132, 43632), (150, 43689), (169, 43767),

Gene: SgtBeansprout_78 Start: 56074, Stop: 56379, Start Num: 109
Candidate Starts for SgtBeansprout_78:
(34, 55942), (Start: 109 @56074 has 18 MA's), (145, 56149), (158, 56194), (197, 56338), (199, 56344),
(203, 56353),

Gene: ShaboiShabazz_61 Start: 41125, Stop: 41451, Start Num: 88
Candidate Starts for ShaboiShabazz_61:
(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Shadow1_100 Start: 60099, Stop: 60404, Start Num: 105
Candidate Starts for Shadow1_100:
(Start: 105 @60099 has 22 MA's), (145, 60174), (203, 60378),

Gene: Shagrat_110 Start: 58151, Stop: 58423, Start Num: 120
Candidate Starts for Shagrat_110:
(Start: 120 @58151 has 1 MA's), (152, 58256), (161, 58295), (186, 58391), (190, 58394),

Gene: Shaobing_96 Start: 60696, Stop: 60983, Start Num: 107
Candidate Starts for Shaobing_96:
(2, 60369), (61, 60633), (Start: 107 @60696 has 124 MA's), (145, 60771), (177, 60888), (191, 60933),
(205, 60969),

Gene: Sharkboy_68 Start: 41611, Stop: 41886, Start Num: 123
Candidate Starts for Sharkboy_68:
(67, 41536), (Start: 123 @41611 has 68 MA's), (133, 41644), (175, 41797), (181, 41827),

Gene: Shayna_75 Start: 41004, Stop: 41279, Start Num: 123
Candidate Starts for Shayna_75:
(Start: 123 @41004 has 68 MA's), (175, 41190),

Gene: ShedlockHolmes_100 Start: 60729, Stop: 61016, Start Num: 109
Candidate Starts for ShedlockHolmes_100:
(40, 60618), (79, 60687), (Start: 89 @60702 has 1 MA's), (Start: 109 @60729 has 18 MA's), (191,
60966), (203, 60990),

Gene: ShiaSurprise_99 Start: 59544, Stop: 59846, Start Num: 107
Candidate Starts for ShiaSurprise_99:
(91, 59523), (Start: 107 @59544 has 124 MA's), (145, 59619), (197, 59805), (203, 59820),

Gene: SirPhilip_98 Start: 61540, Stop: 61833, Start Num: 105
Candidate Starts for SirPhilip_98:
(Start: 105 @61540 has 22 MA's), (145, 61615),

Gene: Sizemore_63 Start: 41114, Stop: 41440, Start Num: 88
Candidate Starts for Sizemore_63:
(Start: 88 @41114 has 68 MA's), (163, 41309), (184, 41387),

Gene: Skylord_70 Start: 39495, Stop: 39770, Start Num: 123
Candidate Starts for Skylord_70:
(18, 39297), (23, 39312), (32, 39339), (46, 39372), (68, 39420), (81, 39435), (103, 39468), (Start: 123 @39495 has 68 MA's),

Gene: Slarp_92 Start: 56344, Stop: 56649, Start Num: 110
Candidate Starts for Slarp_92:
(Start: 110 @56344 has 26 MA's), (203, 56623),

Gene: Slay_70 Start: 41458, Stop: 41733, Start Num: 123
Candidate Starts for Slay_70:
(Start: 123 @41458 has 68 MA's), (175, 41644),

Gene: Sleepyhead_67 Start: 43516, Stop: 43788, Start Num: 110
Candidate Starts for Sleepyhead_67:
(Start: 110 @43516 has 26 MA's), (114, 43522),

Gene: Slimphazie_99 Start: 59782, Stop: 60084, Start Num: 107
Candidate Starts for Slimphazie_99:
(91, 59761), (Start: 107 @59782 has 124 MA's), (145, 59857), (197, 60043), (203, 60058),

Gene: Sneeze_62 Start: 41199, Stop: 41525, Start Num: 88
Candidate Starts for Sneeze_62:
(Start: 88 @41199 has 68 MA's), (184, 41472),

Gene: SoSeph_96 Start: 61535, Stop: 61840, Start Num: 107
Candidate Starts for SoSeph_96:
(Start: 107 @61535 has 124 MA's),

Gene: Softsoap_71 Start: 41189, Stop: 41464, Start Num: 123
Candidate Starts for Softsoap_71:
(Start: 123 @41189 has 68 MA's),

Gene: Soul22_1 Start: 38, Stop: 370, Start Num: 94
Candidate Starts for Soul22_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @38 has 74 MA's), (135, 116), (146, 143), (170, 233), (178, 263), (182, 281), (194, 326), (202, 350),

Gene: Spikelee_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Spikelee_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Splinter_64 Start: 40315, Stop: 40611, Start Num: 101
Candidate Starts for Splinter_64:
(Start: 101 @40315 has 8 MA's), (167, 40504), (185, 40573),

Gene: Spock_96 Start: 59348, Stop: 59650, Start Num: 107

Candidate Starts for Spock_96:

(91, 59327), (Start: 107 @59348 has 124 MA's), (145, 59423), (197, 59609), (203, 59624),

Gene: Spooky_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Spooky_1:

(67, 9), (73, 15), (Start: 94 @39 has 74 MA's), (170, 234), (174, 249), (182, 282), (193, 318), (202, 351),

Gene: Squiddly_2 Start: 730, Stop: 1062, Start Num: 94

Candidate Starts for Squiddly_2:

(27, 601), (32, 613), (71, 697), (Start: 94 @730 has 74 MA's), (162, 901), (166, 919), (182, 973), (193, 1009), (202, 1042),

Gene: Squircle_66 Start: 38761, Stop: 39036, Start Num: 123

Candidate Starts for Squircle_66:

(3, 38428), (23, 38578), (39, 38629), (Start: 123 @38761 has 68 MA's), (175, 38947), (189, 39004),

Gene: Squirty_1 Start: 40, Stop: 372, Start Num: 94

Candidate Starts for Squirty_1:

(65, 7), (71, 13), (Start: 94 @40 has 74 MA's), (132, 109), (135, 118), (162, 211), (178, 265), (182, 283), (194, 328), (196, 337), (202, 352),

Gene: Stap_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Stap_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Starcevich_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Starcevich_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (170, 236), (182, 284), (196, 338), (202, 353),

Gene: Stargaze_64 Start: 44492, Stop: 44815, Start Num: 88

Candidate Starts for Stargaze_64:

(Start: 88 @44492 has 68 MA's), (126, 44543), (159, 44663),

Gene: Stinson_97 Start: 59559, Stop: 59861, Start Num: 107

Candidate Starts for Stinson_97:

(91, 59538), (Start: 107 @59559 has 124 MA's), (135, 59610), (145, 59634), (197, 59820), (203, 59835),

Gene: Stoor_69 Start: 41350, Stop: 41625, Start Num: 123

Candidate Starts for Stoor_69:

(Start: 123 @41350 has 68 MA's), (175, 41536), (176, 41539),

Gene: Strobilo_95 Start: 57688, Stop: 57966, Start Num: 107

Candidate Starts for Strobilo_95:

(Start: 105 @57685 has 22 MA's), (Start: 107 @57688 has 124 MA's), (163, 57838), (203, 57946),

Gene: Stromboli_68 Start: 41130, Stop: 41405, Start Num: 123

Candidate Starts for Stromboli_68:

(11, 40884), (13, 40899), (19, 40938), (62, 41046), (68, 41055), (81, 41070), (103, 41103), (Start: 123 @41130 has 68 MA's), (175, 41316), (176, 41319),

Gene: Sulley_95 Start: 59512, Stop: 59814, Start Num: 107

Candidate Starts for Sulley_95:

(91, 59491), (Start: 107 @59512 has 124 MA's), (145, 59587), (197, 59773), (203, 59788),

Gene: Sunflower1121_100 Start: 59857, Stop: 60162, Start Num: 105

Candidate Starts for Sunflower1121_100:

(Start: 105 @59857 has 22 MA's), (145, 59932), (203, 60136),

Gene: SunnyD_75 Start: 41007, Stop: 41282, Start Num: 123

Candidate Starts for SunnyD_75:

(Start: 123 @41007 has 68 MA's), (175, 41193),

Gene: Supakev_60 Start: 43425, Stop: 43685, Start Num: 128

Candidate Starts for Supakev_60:

(Start: 80 @43356 has 2 MA's), (Start: 93 @43377 has 5 MA's), (Start: 128 @43425 has 63 MA's), (132, 43443), (133, 43446), (148, 43497),

Gene: Suppi_62 Start: 43562, Stop: 43834, Start Num: 118

Candidate Starts for Suppi_62:

(Start: 102 @43541 has 6 MA's), (Start: 118 @43562 has 3 MA's), (122, 43568), (Start: 128 @43574 has 63 MA's),

Gene: Sweets_62 Start: 41120, Stop: 41446, Start Num: 88

Candidate Starts for Sweets_62:

(Start: 88 @41120 has 68 MA's), (163, 41315), (184, 41393),

Gene: Swervy_70 Start: 41047, Stop: 41322, Start Num: 123

Candidate Starts for Swervy_70:

(Start: 123 @41047 has 68 MA's), (175, 41233),

Gene: Syra333_99 Start: 59939, Stop: 60244, Start Num: 105

Candidate Starts for Syra333_99:

(Start: 105 @59939 has 22 MA's), (145, 60014), (203, 60218),

Gene: TBond007_97 Start: 60792, Stop: 61079, Start Num: 109

Candidate Starts for TBond007_97:

(40, 60681), (79, 60750), (Start: 89 @60765 has 1 MA's), (Start: 109 @60792 has 18 MA's), (191, 61029), (203, 61053),

Gene: TClif_100 Start: 61109, Stop: 61408, Start Num: 105

Candidate Starts for TClif_100:

(Start: 105 @61109 has 22 MA's), (139, 61175), (177, 61301), (192, 61349), (203, 61382),

Gene: TM4_92 Start: 52356, Stop: 52637, Start Num: 105

Candidate Starts for TM4_92:

(Start: 105 @52356 has 22 MA's), (Start: 107 @52359 has 124 MA's), (163, 52509), (165, 52515), (203, 52617),

Gene: TZGordon_65 Start: 39203, Stop: 39499, Start Num: 101

Candidate Starts for TZGordon_65:

(Start: 101 @39203 has 8 MA's), (167, 39392), (185, 39461),

Gene: Tachez_97 Start: 59195, Stop: 59497, Start Num: 107
Candidate Starts for Tachez_97:
(91, 59174), (Start: 107 @59195 has 124 MA's), (145, 59270), (197, 59456), (203, 59471),

Gene: Taheera_58 Start: 40097, Stop: 40423, Start Num: 88
Candidate Starts for Taheera_58:
(Start: 88 @40097 has 68 MA's), (189, 40382),

Gene: TaiwanKao_98 Start: 59607, Stop: 59909, Start Num: 107
Candidate Starts for TaiwanKao_98:
(91, 59586), (Start: 107 @59607 has 124 MA's), (145, 59682), (197, 59868), (203, 59883),

Gene: Taquito_94 Start: 57502, Stop: 57783, Start Num: 110
Candidate Starts for Taquito_94:
(Start: 110 @57502 has 26 MA's), (203, 57757),

Gene: Tarzan_63 Start: 39834, Stop: 40118, Start Num: 115
Candidate Starts for Tarzan_63:
(Start: 59 @39759 has 3 MA's), (87, 39795), (Start: 89 @39798 has 1 MA's), (Start: 115 @39834 has 5 MA's), (136, 39888),

Gene: TattModd_61 Start: 43209, Stop: 43469, Start Num: 128
Candidate Starts for TattModd_61:
(Start: 117 @43191 has 13 MA's), (Start: 128 @43209 has 63 MA's), (132, 43227), (148, 43281),

Gene: TaylorSipht_65 Start: 38681, Stop: 38959, Start Num: 119
Candidate Starts for TaylorSipht_65:
(Start: 119 @38681 has 11 MA's),

Gene: Teagster_75 Start: 41426, Stop: 41701, Start Num: 123
Candidate Starts for Teagster_75:
(Start: 123 @41426 has 68 MA's), (175, 41612),

Gene: Temper16_60 Start: 43614, Stop: 43871, Start Num: 128
Candidate Starts for Temper16_60:
(121, 43605), (Start: 128 @43614 has 63 MA's), (132, 43632), (150, 43689), (169, 43767),

Gene: Terror_58 Start: 40097, Stop: 40423, Start Num: 88
Candidate Starts for Terror_58:
(Start: 88 @40097 has 68 MA's), (189, 40382),

Gene: Thyatira_97 Start: 63441, Stop: 63746, Start Num: 107
Candidate Starts for Thyatira_97:
(Start: 107 @63441 has 124 MA's),

Gene: Tierra_102 Start: 61060, Stop: 61368, Start Num: 105
Candidate Starts for Tierra_102:
(Start: 105 @61060 has 22 MA's), (145, 61135), (203, 61342),

Gene: TinaBug_60 Start: 41673, Stop: 41999, Start Num: 88
Candidate Starts for TinaBug_60:
(Start: 88 @41673 has 68 MA's), (163, 41868), (184, 41946),

Gene: TinaLin_63 Start: 39046, Stop: 39342, Start Num: 101
Candidate Starts for TinaLin_63:
(Start: 72 @39004 has 1 MA's), (Start: 101 @39046 has 8 MA's), (130, 39088), (154, 39172), (185, 39304),

Gene: TingHuaYa_101 Start: 60903, Stop: 61193, Start Num: 109
Candidate Starts for TingHuaYa_101:
(Start: 109 @60903 has 18 MA's), (175, 61086),

Gene: TiniBug_95 Start: 59943, Stop: 60245, Start Num: 107
Candidate Starts for TiniBug_95:
(91, 59922), (Start: 107 @59943 has 124 MA's), (145, 60018), (197, 60204), (203, 60219),

Gene: Tiri_97 Start: 59088, Stop: 59390, Start Num: 107
Candidate Starts for Tiri_97:
(91, 59067), (Start: 107 @59088 has 124 MA's), (145, 59163), (197, 59349), (203, 59364),

Gene: Toad24_67 Start: 39472, Stop: 39750, Start Num: 119
Candidate Starts for Toad24_67:
(Start: 75 @39418 has 2 MA's), (Start: 119 @39472 has 11 MA's), (204, 39742),

Gene: TomBrady_62 Start: 41126, Stop: 41452, Start Num: 88
Candidate Starts for TomBrady_62:
(Start: 88 @41126 has 68 MA's), (163, 41321), (184, 41399),

Gene: TootsiePop_1 Start: 42, Stop: 374, Start Num: 94
Candidate Starts for TootsiePop_1:
(67, 9), (Start: 75 @15 has 2 MA's), (Start: 94 @42 has 74 MA's), (135, 120), (162, 213), (170, 237), (182, 285), (196, 339), (202, 354),

Gene: Tootsieroll_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Tootsieroll_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Topper_96 Start: 59347, Stop: 59649, Start Num: 107
Candidate Starts for Topper_96:
(91, 59326), (Start: 107 @59347 has 124 MA's), (145, 59422), (197, 59608), (203, 59623),

Gene: Totinger_1 Start: 41, Stop: 373, Start Num: 94
Candidate Starts for Totinger_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (170, 236), (182, 284), (196, 338), (202, 353),

Gene: TreyKay_98 Start: 59952, Stop: 60254, Start Num: 107
Candidate Starts for TreyKay_98:
(91, 59931), (Start: 107 @59952 has 124 MA's), (145, 60027), (197, 60213), (203, 60228),

Gene: TribbleTrouble_97 Start: 61312, Stop: 61599, Start Num: 109
Candidate Starts for TribbleTrouble_97:
(40, 61201), (79, 61270), (Start: 89 @61285 has 1 MA's), (Start: 109 @61312 has 18 MA's), (191, 61549), (203, 61573),

Gene: Trine_65 Start: 43058, Stop: 43372, Start Num: 76

Candidate Starts for Trine_65:

(Start: 76 @43058 has 1 MA's), (152, 43199),

Gene: TruffulaTree_98 Start: 59748, Stop: 60050, Start Num: 107

Candidate Starts for TruffulaTree_98:

(91, 59727), (Start: 107 @59748 has 124 MA's), (145, 59823), (197, 60009), (203, 60024),

Gene: TukTuk_70 Start: 41237, Stop: 41512, Start Num: 123

Candidate Starts for TukTuk_70:

(Start: 123 @41237 has 68 MA's), (175, 41423),

Gene: Twitch_97 Start: 59350, Stop: 59652, Start Num: 107

Candidate Starts for Twitch_97:

(91, 59329), (Start: 107 @59350 has 124 MA's), (145, 59425), (197, 59611), (203, 59626),

Gene: Typha_129 Start: 74982, Stop: 75305, Start Num: 83

Candidate Starts for Typha_129:

(Start: 83 @74982 has 4 MA's), (152, 75132), (173, 75213), (180, 75237), (181, 75249),

Gene: UncleRicky_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for UncleRicky_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Upyo_69 Start: 44979, Stop: 45296, Start Num: 77

Candidate Starts for Upyo_69:

(Start: 77 @44979 has 1 MA's), (137, 45075), (160, 45153), (163, 45171),

Gene: Urkel_98 Start: 60168, Stop: 60470, Start Num: 107

Candidate Starts for Urkel_98:

(91, 60147), (Start: 107 @60168 has 124 MA's), (145, 60243), (197, 60429), (203, 60444),

Gene: Urla_62 Start: 43603, Stop: 43863, Start Num: 128

Candidate Starts for Urla_62:

(Start: 128 @43603 has 63 MA's), (132, 43621), (149, 43678),

Gene: Validus_106 Start: 62130, Stop: 62417, Start Num: 107

Candidate Starts for Validus_106:

(Start: 107 @62130 has 124 MA's), (145, 62205), (177, 62322), (191, 62367), (199, 62382), (205, 62403),

Gene: Vallejo_62 Start: 43253, Stop: 43531, Start Num: 117

Candidate Starts for Vallejo_62:

(Start: 117 @43253 has 13 MA's), (Start: 128 @43271 has 63 MA's), (132, 43289), (148, 43343),

Gene: Veliki_97 Start: 59373, Stop: 59675, Start Num: 107

Candidate Starts for Veliki_97:

(91, 59352), (Start: 107 @59373 has 124 MA's), (145, 59448), (197, 59634), (203, 59649),

Gene: Velveteen_1 Start: 41, Stop: 373, Start Num: 94

Candidate Starts for Velveteen_1:

(Start: 69 @11 has 1 MA's), (Start: 94 @41 has 74 MA's), (135, 119), (162, 212), (182, 284), (196, 338), (202, 353),

Gene: Vendetta_64 Start: 40315, Stop: 40611, Start Num: 101

Candidate Starts for Vendetta_64:

(Start: 101 @40315 has 8 MA's), (167, 40504), (185, 40573),

Gene: Vitas_71 Start: 39646, Stop: 39921, Start Num: 123

Candidate Starts for Vitas_71:

(28, 39487), (74, 39580), (Start: 123 @39646 has 68 MA's), (133, 39679),

Gene: ViviJ_105 Start: 63064, Stop: 63369, Start Num: 107

Candidate Starts for ViviJ_105:

(Start: 107 @63064 has 124 MA's), (163, 63232),

Gene: Vulpecula_64 Start: 37410, Stop: 37688, Start Num: 119

Candidate Starts for Vulpecula_64:

(Start: 110 @37398 has 26 MA's), (Start: 119 @37410 has 11 MA's),

Gene: Vulture_60 Start: 42928, Stop: 43257, Start Num: 80

Candidate Starts for Vulture_60:

(Start: 80 @42928 has 2 MA's), (Start: 93 @42949 has 5 MA's), (Start: 128 @42997 has 63 MA's), (132, 43015), (133, 43018), (148, 43069),

Gene: WalkingDead_71 Start: 42012, Stop: 42287, Start Num: 123

Candidate Starts for WalkingDead_71:

(Start: 123 @42012 has 68 MA's), (175, 42198), (176, 42201),

Gene: Waterfoul_95 Start: 60815, Stop: 61120, Start Num: 107

Candidate Starts for Waterfoul_95:

(Start: 107 @60815 has 124 MA's),

Gene: Wawa_62 Start: 43514, Stop: 43774, Start Num: 128

Candidate Starts for Wawa_62:

(Start: 117 @43496 has 13 MA's), (Start: 128 @43514 has 63 MA's), (132, 43532), (148, 43586),

Gene: Wayne_64 Start: 44019, Stop: 44291, Start Num: 118

Candidate Starts for Wayne_64:

(Start: 102 @43998 has 6 MA's), (Start: 118 @44019 has 3 MA's), (122, 44025), (Start: 128 @44031 has 63 MA's),

Gene: Wendigo_61 Start: 41104, Stop: 41430, Start Num: 88

Candidate Starts for Wendigo_61:

(Start: 88 @41104 has 68 MA's), (163, 41299), (184, 41377),

Gene: Whitney_1 Start: 39, Stop: 371, Start Num: 94

Candidate Starts for Whitney_1:

(67, 9), (73, 15), (86, 27), (Start: 94 @39 has 74 MA's), (135, 117), (145, 141), (146, 144), (170, 234), (178, 264), (182, 282), (193, 318), (202, 351),

Gene: Widow_62 Start: 42336, Stop: 42659, Start Num: 85

Candidate Starts for Widow_62:

(35, 42243), (42, 42264), (49, 42279), (51, 42285), (64, 42312), (Start: 72 @42321 has 1 MA's), (Start: 85 @42336 has 2 MA's), (163, 42534),

Gene: Wintermute_94 Start: 57134, Stop: 57439, Start Num: 110
Candidate Starts for Wintermute_94:
(Start: 110 @57134 has 26 MA's), (147, 57239), (203, 57413),

Gene: WonderBoy_59 Start: 42399, Stop: 42659, Start Num: 128
Candidate Starts for WonderBoy_59:
(Start: 117 @42381 has 13 MA's), (Start: 128 @42399 has 63 MA's), (132, 42417), (149, 42474), (176, 42576), (192, 42633), (199, 42639),

Gene: Ximenita_103 Start: 60672, Stop: 60977, Start Num: 105
Candidate Starts for Ximenita_103:
(Start: 105 @60672 has 22 MA's), (145, 60747), (203, 60951),

Gene: Y10_90 Start: 57078, Stop: 57383, Start Num: 110
Candidate Starts for Y10_90:
(Start: 110 @57078 has 26 MA's), (147, 57183), (203, 57357),

Gene: Y2_90 Start: 57078, Stop: 57383, Start Num: 110
Candidate Starts for Y2_90:
(Start: 110 @57078 has 26 MA's), (147, 57183), (203, 57357),

Gene: Yoshi_1 Start: 38, Stop: 370, Start Num: 94
Candidate Starts for Yoshi_1:
(Start: 69 @11 has 1 MA's), (Start: 94 @38 has 74 MA's), (135, 116), (146, 143), (170, 233), (178, 263), (182, 281), (194, 326), (202, 350),

Gene: YoureAdopted_95 Start: 59143, Stop: 59445, Start Num: 107
Candidate Starts for YoureAdopted_95:
(91, 59122), (Start: 107 @59143 has 124 MA's), (145, 59218), (197, 59404), (203, 59419),

Gene: Yuna_100 Start: 61837, Stop: 62139, Start Num: 102
Candidate Starts for Yuna_100:
(Start: 102 @61837 has 6 MA's), (145, 61912), (197, 62098),

Gene: Yunkel11_101 Start: 60401, Stop: 60688, Start Num: 107
Candidate Starts for Yunkel11_101:
(Start: 107 @60401 has 124 MA's), (191, 60638), (199, 60653), (200, 60656),

Gene: Zabiza_92 Start: 55756, Stop: 56058, Start Num: 107
Candidate Starts for Zabiza_92:
(91, 55735), (Start: 107 @55756 has 124 MA's), (145, 55831), (197, 56017), (203, 56032),

Gene: Zaheer_69 Start: 42523, Stop: 42819, Start Num: 102
Candidate Starts for Zaheer_69:
(Start: 102 @42523 has 6 MA's), (144, 42619), (160, 42679), (167, 42715),

Gene: Zapner_2 Start: 562, Stop: 894, Start Num: 94
Candidate Starts for Zapner_2:
(65, 529), (Start: 94 @562 has 74 MA's), (170, 757), (178, 787), (182, 805), (194, 850), (202, 874),

Gene: Zavala_98 Start: 59608, Stop: 59910, Start Num: 107

Candidate Starts for Zavala_98:

(91, 59587), (Start: 107 @59608 has 124 MA's), (145, 59683), (197, 59869), (203, 59884),

Gene: ZoMa_61 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for ZoMa_61:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: ZoeJ_92 Start: 56879, Stop: 57157, Start Num: 107

Candidate Starts for ZoeJ_92:

(Start: 105 @56876 has 22 MA's), (Start: 107 @56879 has 124 MA's), (157, 56990), (163, 57029), (203, 57137),

Gene: Zombie_62 Start: 41125, Stop: 41451, Start Num: 88

Candidate Starts for Zombie_62:

(Start: 88 @41125 has 68 MA's), (163, 41320), (184, 41398),

Gene: Zorro_62 Start: 43226, Stop: 43486, Start Num: 128

Candidate Starts for Zorro_62:

(Start: 117 @43208 has 13 MA's), (Start: 128 @43226 has 63 MA's), (132, 43244), (148, 43298),