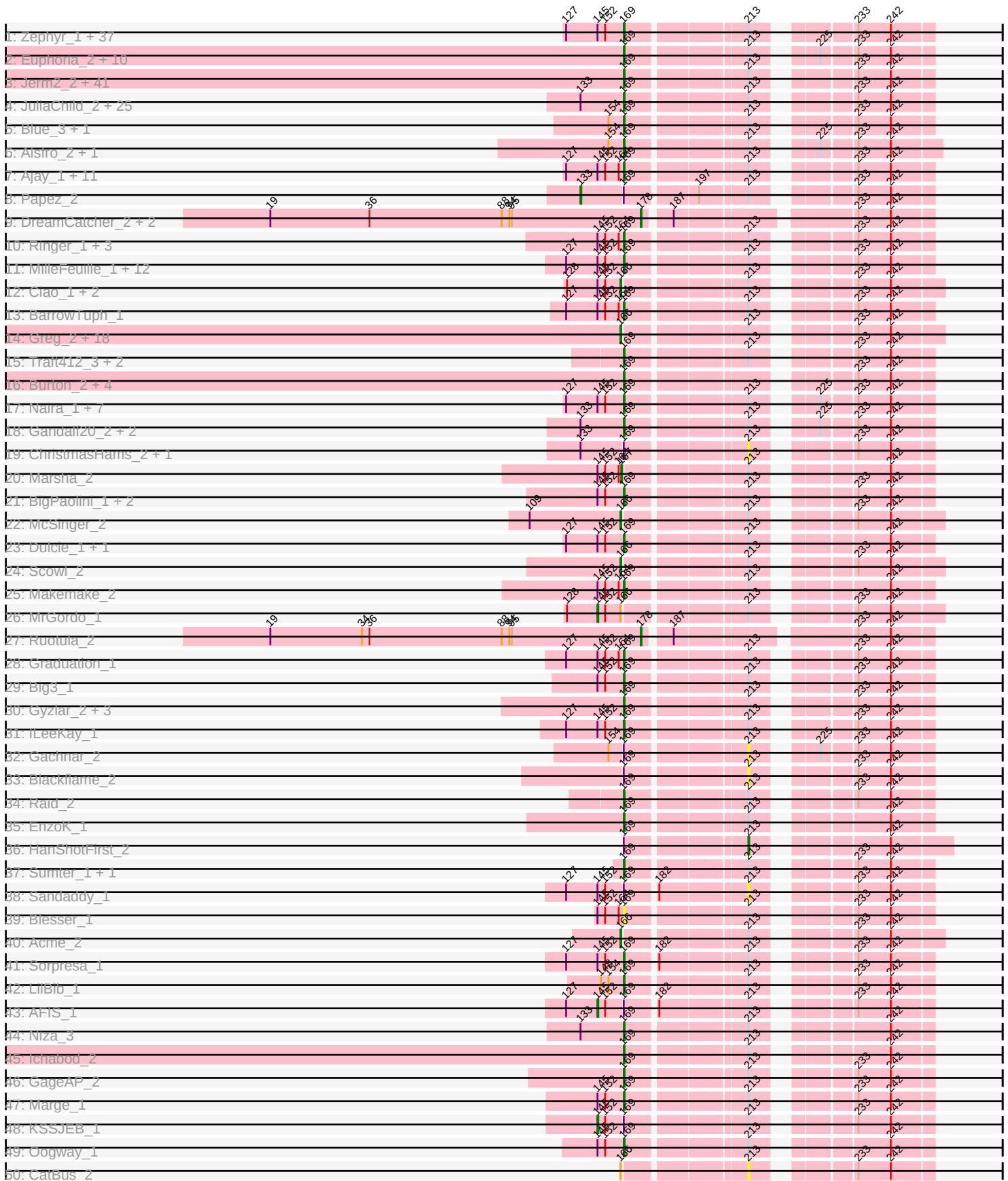
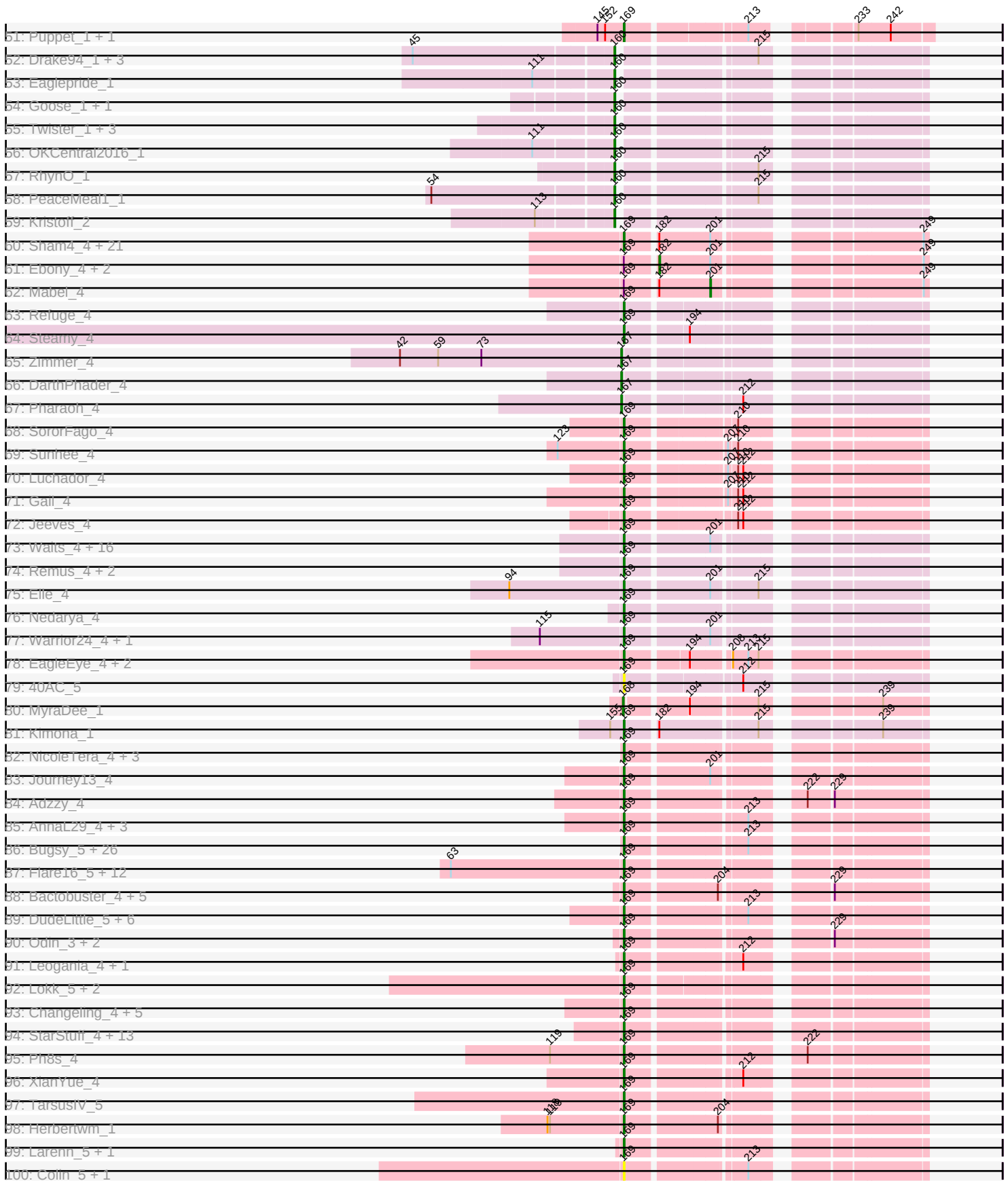
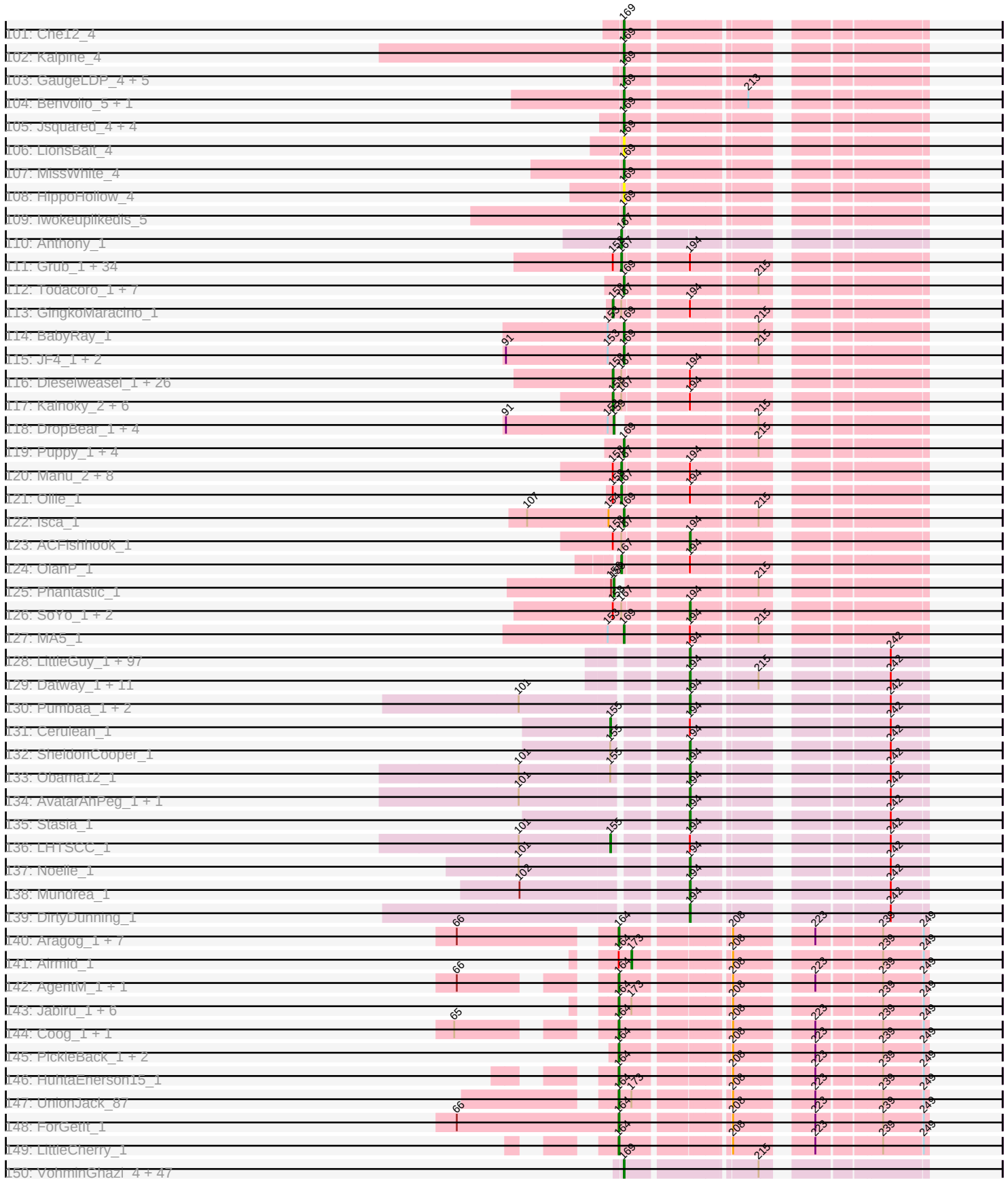


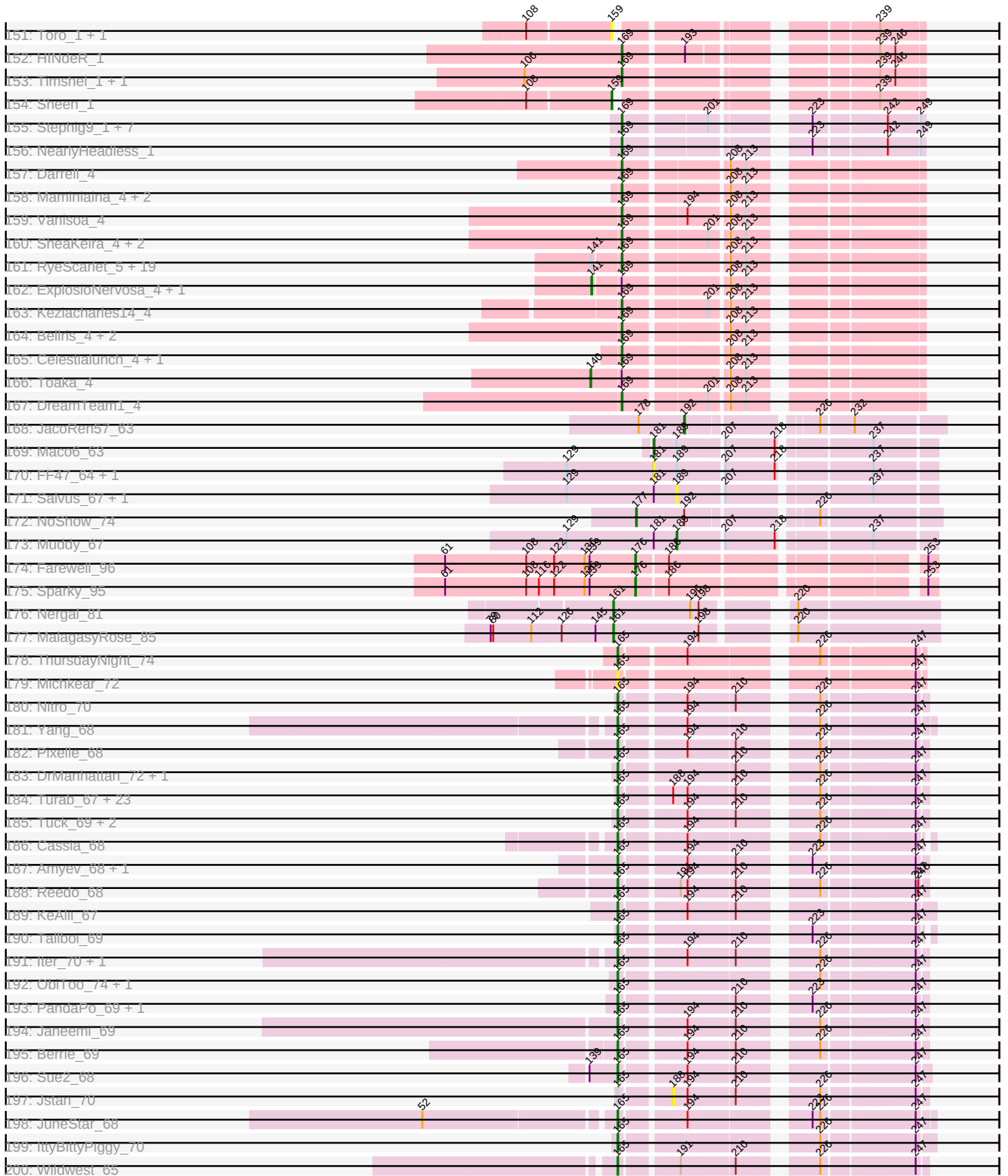


Pham 330266

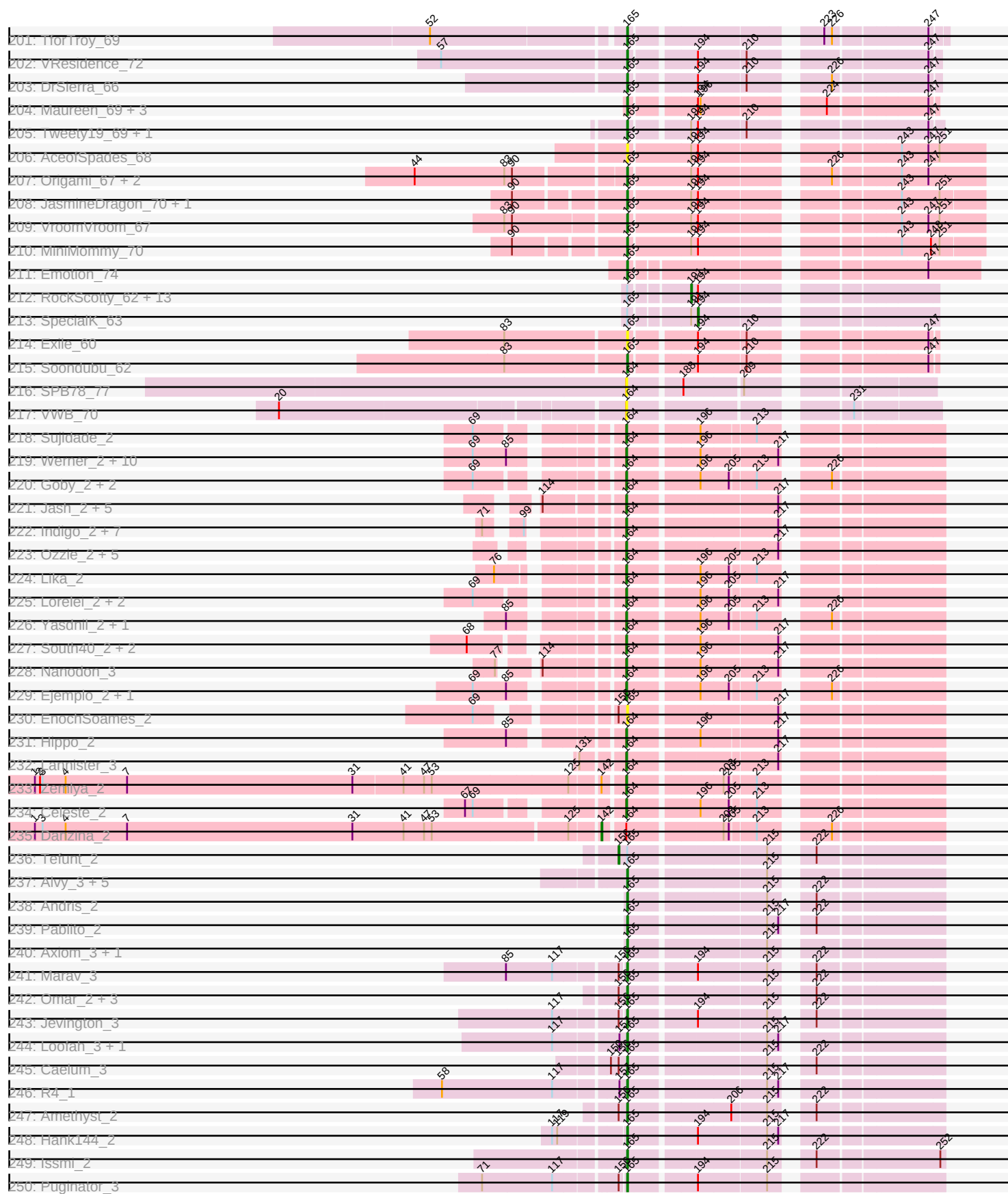




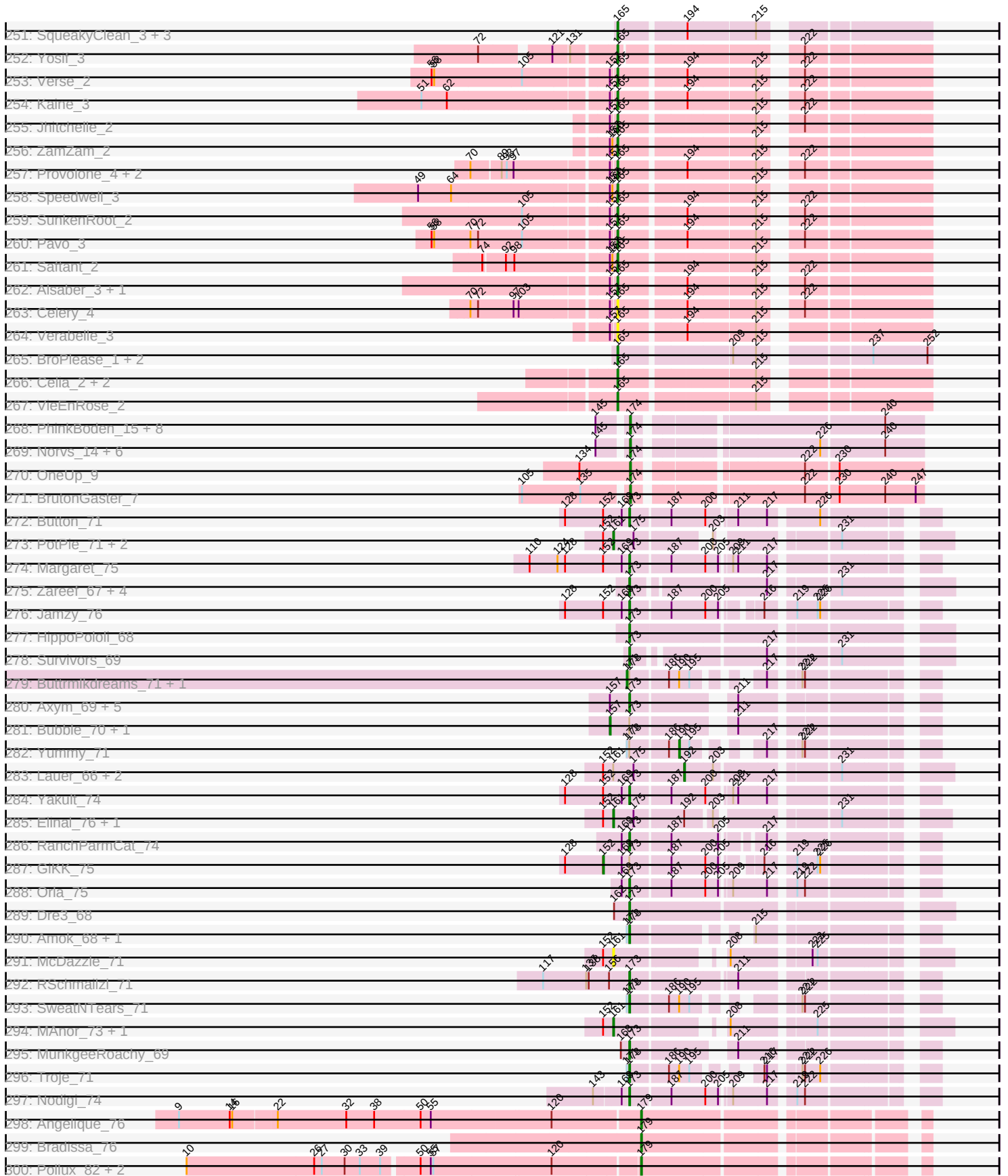
Pham 330266



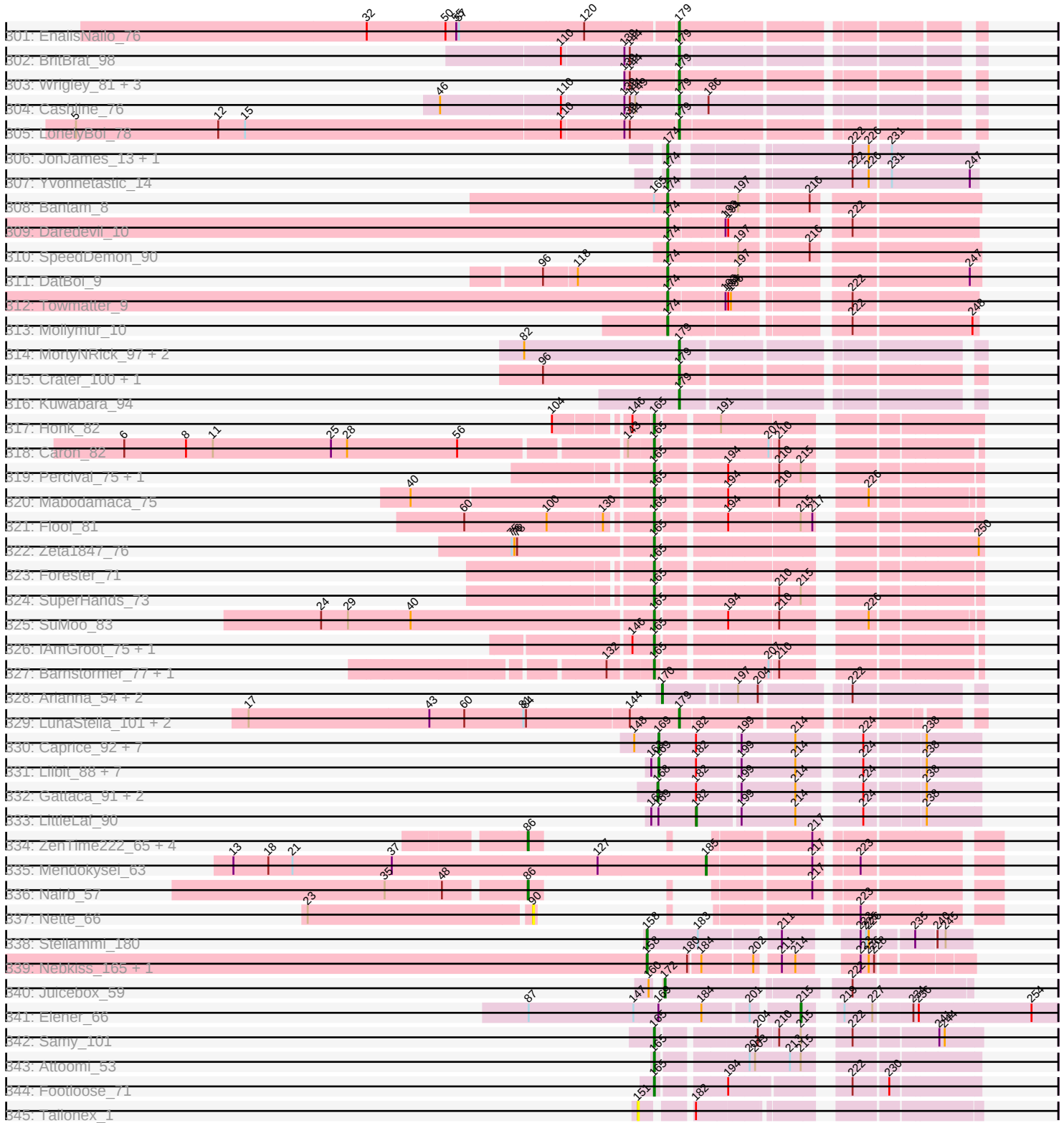
Pham 330266



Pham 330266



Pham 330266



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 330266 Report

This analysis was run 09/05/26 on database version 662.

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

Pham number 330266 has 1153 members, 59 are drafts.

Phages represented in each track:

- Track 1 : Zephyr_1, Paphu_1, Hami1_1, Fascinus_1, Bigchungi_1, Solon_1, Rutherford_1, Bones_1, ShortQueendom_1, Ashballe_1, Mkhuse1_1, Michley_1, Maroc7_1, Snazzy_1, Zeeculate_1, DrFeelGood_1, Marco3_1, CactusRose_1, PhineBark_1, Adahisdi_1, Crispicous1_1, Phlippers_1, Levia_1, Cueyliss_1, Seanderson_1, Teodoridan_1, Ohno789_1, Sunshine924_1, Bigfoot_1, Topgun_1, Wilkins_1, Applejack_1, StewieG_1, Parliament_1, Killigrew_1, SpikeBT_1, Tripl3t_1, Squee_1
- Track 2 : Euphoria_2, Alvin_3, Seabiscuit_2, Abbyshoes_2, Lockley_2, Kenmech_2, Briton15_2, DD5_2, McGuire_2, Dussy_2, BeesKnees_2
- Track 3 : Jerm2_2, Sagefire_2, Chanagan_2, Corvo_2, BigMau_3, Rufus_2, GMonster_2, BillKnuckles_2, TheloniousMonk_2, Molly_2, Slagathor_2, PascalRango_2, HermioneGrange_2, JC27_2, Whitspit_2, PattyP_2, Lamina13_2, Petp2012_2, Marchy_2, Payneful_2, MetalQZJ_2, Thor_2, BaconJack_2, Manatee_2, Licorice_2, MaryBeth_2, Treddle_2, Arlo_2, Dynamix_2, Anglerfish_2, Violet_2, Sibs6_2, Pari_2, NEHalo_2, Norz_2, Barriga_2, Rhynn_1, Edtherson_2, SarFire_2, Arcanine_2, Rubeus_2, Rajelicia_2
- Track 4 : JuliaChild_2, ConceptII_2, PSullivan_2, Bircsak_2, PherrisBueller_2, Tote_2, STLscum_2, PacerPaul_2, Rohr_2, Altman_3, Pepe_2, SkiPole_2, Gompeii16_2, Lopton_2, BPBiebs31_2, Kanely_3, TwoPeat_2, KBG_2, Target_2, Swole_2, Pita2_2, Jasper_2, Francis47_2, Dreamboat_2, Homines_2, Wheeler_2
- Track 5 : Blue_3, Tasp14_2
- Track 6 : Alsfo_2, Carlyle_2
- Track 7 : Ajay_1, Inyanga_1, Iqorha_1, Bexan_1, StrongArm_1, Smairt_1, Mule_1, Aeneas_1, Zeuska_1, Beatrix_1, Perseus_1, Hope4ever_1
- Track 8 : Papez_2
- Track 9 : DreamCatcher_2, Sanya_2, Abrogate_20
- Track 10 : Ringer_1, IgnatiusPatJac_1, BluSpix_1, JackSparrow_1
- Track 11 : MilleFeuille_1, Lesedi_1, Atkinbua_1, KyMonks1A_1, Turj99_1, Kykar_1, Magnar_1, Eyeball_1, LunarLander_1, Bxb1_1, Mryolo_1, Paraselene_1, QTRLlifeCrisis_1
- Track 12 : Ciao_1, Nerujay_1, Kugel_1
- Track 13 : BarrowTuph_1

- Track 14 : Greg_2, Fushigi_2, RidgeCB_2, GrecoEtereo_2, Bethlehem_2, Pippin_2, U2_2, DirtDevil_2, KikiBouba_2, Fajezeel_2, Hermia_2, Buttons_2, Monet_2, Noxious_2, Watermelon_2, Switzer_2, GroundGoblin_2, Aldrich_2, HarryOW_2
- Track 15 : Traft412_3, Dexes_2, Pelly_2
- Track 16 : Burton_2, Bob3_2, Museum_3, Nhonho_2, MPlant7149_2
- Track 17 : Naira_1, Bruns_1, Fenn_1, Moose_1, PinkPlastic_1, SwissCheese_1, Forsytheast_1, PowerRanger_1
- Track 18 : Gandalf20_2, Espresso_2, Jorgensen_2
- Track 19 : ChristmasHams_2, Agaliana_2
- Track 20 : Marsha_2
- Track 21 : BigPaolini_1, Peterson_1, Doom_1
- Track 22 : McSinger_2
- Track 23 : Dulcie_1, ProMouse_1
- Track 24 : Scowl_2
- Track 25 : Makemake_2
- Track 26 : MrGordo_1
- Track 27 : Ruotula_2
- Track 28 : Graduation_1
- Track 29 : Big3_1
- Track 30 : Gyzlar_2, Marcell_2, Petruchio_2, Froghopper_2
- Track 31 : lLeeKay_1
- Track 32 : Gachnar_2
- Track 33 : Blackflame_2
- Track 34 : Raid_2
- Track 35 : EnzoK_1
- Track 36 : HanShotFirst_2
- Track 37 : Sumter_1, Gwendoluna_1
- Track 38 : Sandaddy_1
- Track 39 : Blessor_1
- Track 40 : Acme_2
- Track 41 : Sorpresa_1
- Track 42 : LilBib_1
- Track 43 : AFIS_1
- Track 44 : Niza_3
- Track 45 : Ichabod_2
- Track 46 : GageAP_2
- Track 47 : Marge_1
- Track 48 : KSSJEB_1
- Track 49 : Oogway_1
- Track 50 : CatBus_2
- Track 51 : Puppet_1, Smeagol_1
- Track 52 : Drake94_1, Severus_1, Poompha_1, KittenMittens_1
- Track 53 : Eaglepride_1
- Track 54 : Goose_1, Chupacabra_1
- Track 55 : Twister_1, WalterMcMickey_1, Edison31_1, Topanga_1
- Track 56 : OKCentral2016_1
- Track 57 : RhynO_1
- Track 58 : PeaceMeal1_1
- Track 59 : Kristoff_2
- Track 60 : Sham4_4, Bowtie_4, Flaverint_4, Fibonacci_4, Munch_4, Saskia_4, Lucivia_4, Joselito_4, Gilberta_4, Hutc2_4, TinyTimmy_4, Kimba_4, Mulciber_4, MaCh_4, Aneem_4, Bud_4, Petersenfast_4, Insomnia_4, Salz_4, Jabith_4, Timothy_4, Snape_4

- Track 61 : Ebony_4, Orange_4, Bachome_4
- Track 62 : Mabel_4
- Track 63 : Refuge_4
- Track 64 : Steamy_4
- Track 65 : Zimmer_4
- Track 66 : DarthPhader_4
- Track 67 : Pharaoh_4
- Track 68 : SororFago_4
- Track 69 : Sunhee_4
- Track 70 : Luchador_4
- Track 71 : Gail_4
- Track 72 : Jeeves_4
- Track 73 : Waits_4, Epsocamisio_4, Nebulosus_4, Ravana_4, Switzerland_4, Battleship_5, Rosalind_4, MinecraftSteve_5, DekHockey33_4, ShayRa_5, JSwag_4, KatherineG_4, Boohoo_4, LastResort_4, ReMo_4, Looper_4, Anaysia_4
- Track 74 : Remus_4, Strosahl_4, Soups_4
- Track 75 : Elle_4
- Track 76 : Nedarya_4
- Track 77 : Warrior24_4, Oofda_4
- Track 78 : EagleEye_4, Lucyedi_4, PainterBoy_4
- Track 79 : 40AC_5
- Track 80 : MyraDee_1
- Track 81 : Kimona_1
- Track 82 : NicoleTera_4, Chargerpower_5, EZMoney23_4, Trixie_4
- Track 83 : Journey13_4
- Track 84 : Adzzy_4
- Track 85 : AnnaL29_4, RedRock_4, Loser_4, CRB1_4
- Track 86 : Buggy_5, Agape74_5, Dignity_5, SemperFi_5, Smeagan_5, Deloris_4, EvilGenius_5, SnapTap_5, Jerm_5, SweetiePie_5, LadyBird_4, Georgie2_5, LilTurb_5, AN3_4, KingCyrus_5, ChipMunk_5, Crucio_5, BengiVuitton_4, AbbyPaige_5, Power_5, QueenBeesly_5, VA6_4, JoshKayV_5, Leviathan_5, Whabigail7_5, FiringLine_5, Turbido_5
- Track 87 : Flare16_5, Drake55_5, WideWale_5, Centaur_5, MiculUcigas_5, HarryHoudini_5, Equemioh13_5, Piro94_4, Terrific_6, NaSiaTalie_5, Sknot_5, Baehexic_5, Updawg_5
- Track 88 : Bactobuster_4, Jaan_4, IronMan_4, Tristan_4, Landor_4, Phaded_4
- Track 89 : DudeLittle_5, Anselm_5, Dalmatian_5, Heffalump_5, QueenB2_5, Fameo_5, Retro23_5
- Track 90 : Odin_3, Pukovnik_4, Superchunk_4
- Track 91 : Leogania_4, BiancaTri92_4
- Track 92 : Lokk_5, Rachaly_5, BobSwaget_5
- Track 93 : Changeling_4, Miko_5, 20ES_4, ArcherNM_4, First_004, DeerParkTS_4
- Track 94 : StarStuff_4, Tomathan_4, C3_04, AN9_4, D32_4, Travvers_4, VC3_4, D29_4, Kerberos_4, DBQu4n_4, ANI8_4, Naji_4, Duplo_4, Pomar16_4
- Track 95 : Ph8s_4
- Track 96 : XianYue_4
- Track 97 : TarsusIV_5
- Track 98 : Herbertwm_1
- Track 99 : Larenn_5, Malec_5
- Track 100 : Colin_5, WeiHuaDA_5
- Track 101 : Che12_4
- Track 102 : Kalpine_4

- Track 103 : GaugeLDP_4, Trooper_5, BabyBack_4, Acolyte_4, Yecey3_4, SwirlSquare_4
- Track 104 : Benvolio_5, Echid_5
- Track 105 : Jsquared_4, Koduck_4, TipsytheTRex_4, Serenity_4, L5_4
- Track 106 : LionsBait_4
- Track 107 : MissWhite_4
- Track 108 : HippoHollow_4
- Track 109 : Iwokeuplikedis_5
- Track 110 : Anthony_1
- Track 111 : Grub_1, Grif_1, Phoxy_1, Snickers_1, Louie6_1, Beauxregard13_1, Spike509_1, Fernando_1, AugsMagnumOpus_3, Bxz2_1, Vix_1, Lilith_1, Microwolf_1, Aglet_1, Grum1_1, Stagni_1, StepMih_1, Mainiac_1, EpicPhail_1, LarryKay_1, Tiffany_1, Sabinator_1, DaHudson_1, PGHhamlin_3, MarQuardt_1, GtownJaz_1, Penny1_1, Watson_1, Malinsilva_3, KADY_2, Methuselah_1, Anubis_3, Farber_1, Hercules11_1, JHC117_1
- Track 112 : Todacoro_1, Pocahontas_1, ResDef_1, Caviar_1, Hookmount_1, Noella_1, Lambert1_1, Margo_1
- Track 113 : GingkoMaracino_1
- Track 114 : BabyRay_1
- Track 115 : JF4_1, MK4_1, JF2_1
- Track 116 : Dieselweasel_1, HashRod_2, TinyPebbles_1, Soshari_3, JenCasNa_1, SoilDragon_1, Cullens_1, PotatoSplit_2, MoneyMay_1, Sabia_1, MadMarie_1, Colbster_1, Daishi_1, BreSam8_1, AgronaGT15_1, Taurus_1, Zetzy_1, Jobu08_1, Misomonster_3, P28Green_1, LugYA_3, Pembroke_1, Marie_1, LBerry_1, Rummer_1, Wooldri_3, Phoebe_1
- Track 117 : Kalnoky_2, PurpleHaze_1, Pawn_1, Gemma_1, ClownCar_1, Calvinny_1, Heliosoles_1
- Track 118 : DropBear_1, Scout_1, Fred313_1, Kachowdy_1, Roimos_1
- Track 119 : Puppy_1, TNguyen7_1, Pistachio_1, BlueBird_1, Giroux_1
- Track 120 : Manu_2, Kalb97_2, JeppNRM_2, Groupthink_2, Reba_2, HaveUMetTed_2, Marius_2, Phranny_2, PhishRPhriends_1
- Track 121 : Ollie_1
- Track 122 : Isca_1
- Track 123 : ACFishhook_1
- Track 124 : OlanP_1
- Track 125 : Phantastic_1
- Track 126 : SoYo_1, Gwennie_1, Croquant_2
- Track 127 : MA5_1
- Track 128 : LittleGuy_1, Huxley_1, Kampy_1, Lorenzo_1, TroyPia_1, Sultana_1, KFPoly_1, Clarenza_1, CentreCat_1, Cintron_1, Ruin_1, Holli_1, Florean_1, Connomayer_1, Kratak_1, Nyxis_1, JoongJeon_1, Phacado_1, Eros_1, Albee_1, Chaph_1, Bombshell_1, LittleB_1, Mazhar510_1, BellusTerra_1, Annyong_1, Kingmustik0402_1, ICleared_1, Avle17_1, Wizard007_1, Koreni_1, Iracema64_1, OKaNui_1, Millski_1, JetBlade_1, Ohfah_1, Eris_1, Relief_1, TygerBlood_1, Gadost_1, Baby16_1, Wilbur_1, Sabertooth_1, SteMason_1, Mayonnaise_1, Iceman_1, Pipcraft_1, Polymorphads_1, Kremtemulon_1, Palestino_1, Medusa_1, Dhanush_1, Melvin_1, Shygu2_1, YoSam321_1, Citius_1, Sparxx_1, Arturo_86, Taquarus_1, Kyee_1, Cocoaberry_1, TinaFeyge_1, Bartimeaus_1, Phontbonne_1, Spino_1, Roosevelt_1, Funston_1, NotAPhaseMom_1, NorthStar_1, Camperdownii_1, Blackmoor_1, SenorClean_1, Bruiser_1, Maxo_1, Scamp_1, PeterPeter_1, Koan_1, Houdini22_1, BubbleTrouble_1, Jaykayelowell_1, Lemur_1, Romney_1, Nemo27_1, Nebs_1, Skipitt_1, Alberto7_1, Flux_1, Druantia_1, Eurydice_1, Thanksgivukkah_1, Broseidon_1, Lunsford_1, Eapen_1, Morrow_1,

Happiness_1, Deano_1, Wander_1, Abdiel_1
 • Track 129 : Datway_1, Cici_1, Wile_1, Badger_1, PetiteSangsue_1, Katalie136_1, Morpher26_1, Bumblebee11_1, Perplexer_1, Xena_1, Achebe_1, AbbysRanger_1
 • Track 130 : Pumbaa_1, Phighter1804_1, LochMonster_1
 • Track 131 : Cerulean_1
 • Track 132 : SheldonCooper_1
 • Track 133 : Obama12_1
 • Track 134 : AvatarAhPeg_1, Miramae_1
 • Track 135 : Stasia_1
 • Track 136 : LHTSCC_1
 • Track 137 : Noelle_1
 • Track 138 : Mundrea_1
 • Track 139 : DirtyDunning_1
 • Track 140 : Aragog_1, Cuco_1, Discoknowium_1, Lev2_1, Milcery_1, Tiger_1, Phlorence_1, Archetta_1
 • Track 141 : Airmid_1
 • Track 142 : AgentM_1, Twigg_1
 • Track 143 : Jabiru_1, Benedict_1, ElTiger69_1, PetterN_1, Chadwick_1, Scorpia_1, Naca_1
 • Track 144 : Coog_1, Midas2_1
 • Track 145 : PickleBack_1, Jovo_1, Conspiracy_1
 • Track 146 : HuhtaEnerson15_1
 • Track 147 : UnionJack_87
 • Track 148 : ForGetIt_1
 • Track 149 : LittleCherry_1
 • Track 150 : VohminGhazi_4, Dorothea_4, Anon_4, Indra_4, CloudWang3_4, BennyP_4, Helmet_4, Chartreuse_4, Zulu_4, EricB_4, Hoot_4, Artemis2UCLA_4, Gladiator_4, SuperCallie99_4, BABullseye_4, Lilbunny_4, JewelBug_4, Wiks_4, Kipper29_4, Yokurt_4, Pmask_4, Cookiedough_4, Jeffabunny_4, Tucker_4, McFly_4, SuperAwesome_4, Temprado_4, Koko_4, Gruunaga_4, GreedyLawyer_4, Rifter_4, Blinn1_4, Jordennis_4, Priamo_4, WunderPhul_4, SmellyB_4, Roksolana_4, Hexamo_4, Zaka_4, Hammer_4, DaVinci_4, BlessJoy_4, Blue7_4, Kazan_4, Newrala_4, Isiphiwo_4, Polyphemus_4, Neeharika16_4
 • Track 151 : Toro_1, FlyCatcher_1
 • Track 152 : HINdeR_1
 • Track 153 : Timshel_1, DroogsArmy_1
 • Track 154 : Sheen_1
 • Track 155 : Stephig9_1, Dixon_1, Phillis_1, Smeadley_1, Saintus_1, Astro_1, Roary_1, Caitlin_1
 • Track 156 : NearlyHeadless_1
 • Track 157 : Darrell_4
 • Track 158 : Maminiaina_4, LoneWolf_4, Elephantoon_4
 • Track 159 : Vanisoa_4
 • Track 160 : SheaKeira_4, Klodlith_4, Charm_4
 • Track 161 : RyeScarlet_5, Priya_4, Conquerage_4, Phaeder_4, HortumSL17_4, Eidsmoe_4, Aliter_4, Scherzo_4, Alma_4, Pioneer_4, Spouty_4, EmyBug_4, Tubs_4, Myxus_4, Ayanochan_4, Catalina_4, Beemo_4, PackMan_4, Phonnegut_4, Fayely_4
 • Track 162 : ExplosioNervosa_4, Qobbit_4
 • Track 163 : Keziacharles14_4
 • Track 164 : Bellris_4, Rahalelujah_4, BogosyJay_4
 • Track 165 : Celestialunch_4, Arissanae_4
 • Track 166 : Toaka_4
 • Track 167 : DreamTeam1_4

- Track 168 : JacoRen57_63
- Track 169 : Maco6_63
- Track 170 : FF47_64, 8UZL_67
- Track 171 : Salvus_67, LongHai_67
- Track 172 : NoShow_74
- Track 173 : Muddy_67
- Track 174 : Farewell_96
- Track 175 : Sparky_95
- Track 176 : Nergal_81
- Track 177 : MalagasyRose_85
- Track 178 : ThursdayNight_74
- Track 179 : Michkear_72
- Track 180 : Nitro_70
- Track 181 : Yang_68
- Track 182 : Pixelle_68
- Track 183 : DrManhattan_72, Adolin_71
- Track 184 : Turab_67, Adumb2043_68, AEgle_67, Niobe_69, Asa16_69, Tbone_69, Amploria_70, Subaru_68, Cyan_70, Eraser_69, Mudpuppy_68, Lizalica_69, JohnDoe_70, Powerpuff_71, Flutur_69, YesChef_69, Skelbel_70, Lego_69, Joemato_71, Kaylissa_71, London_69, Warda_70, Tutumahutu_71, Elezi_68
- Track 185 : Tuck_69, Community_70, Phives_70
- Track 186 : Cassia_68
- Track 187 : Amyev_68, Tian_67
- Track 188 : Reedo_68
- Track 189 : KeAlii_67
- Track 190 : Tallboi_69
- Track 191 : Iter_70, Ascela_71
- Track 192 : ObiToo_74, Crewmate_74
- Track 193 : PandaPo_69, MissSwiss_70
- Track 194 : Janeemi_69
- Track 195 : Berrie_69
- Track 196 : Sue2_68
- Track 197 : Jstan_70
- Track 198 : JuneStar_68
- Track 199 : IttyBittyPiggy_70
- Track 200 : Wildwest_65
- Track 201 : TforTroy_69
- Track 202 : VResidence_72
- Track 203 : DrSierra_66
- Track 204 : Maureen_69, IUFootball_70, MaGuCo_63, Liebe_69
- Track 205 : Tweety19_69, Snek_68
- Track 206 : AceofSpades_68
- Track 207 : Origami_67, LadyAstra_68, JohnThicc_67
- Track 208 : JasmineDragon_70, ShaketOph_70
- Track 209 : VroomVroom_67
- Track 210 : MiniMommy_70
- Track 211 : Emotion_74
- Track 212 : RockScotty_62, Mysterium_62, Halsey_63, Donkey_63, Cappuccino_63, Beaupre_62, Stuu_63, Giorgio_62, Ashes_63, Kalimba_63, Gambol_64, Sooty_63, Gumpizza_62, Moss_63
- Track 213 : SpecialK_63
- Track 214 : Exile_60
- Track 215 : Soondubu_62

- Track 216 : SPB78_77
- Track 217 : VWB_70
- Track 218 : Sujidade_2
- Track 219 : Werner_2, TagePhighter_3, BarryBee_3, Triste_2, SarahRose_2, Snorlax_2, Asten_2, Chucky_2, OzzyJ_3, Emaanora_3, Dwayne_2
- Track 220 : Goby_2, Toma_2, Dattran_2
- Track 221 : Jash_2, Eddasa_2, Izzy_2, Rusticus_2, BryanRecycles_2, Oliynyk_2
- Track 222 : Indigo_2, Phettuccine_2, Esperer_2, Aaronocolus_2, Unstoppable_2, Bovely_2, Nerdos_2, Leviticus_2
- Track 223 : Ozzie_2, Legacy_2, Hydra_3, BeardedLady_2, Caliburn_2, SunsetPointe_2
- Track 224 : Lika_2
- Track 225 : Lorelei_2, Nabi_2, Rana_2
- Track 226 : Yasdnil_2, Maneekul_2
- Track 227 : South40_2, Katalie_2, RedBear_3
- Track 228 : Nanodon_3
- Track 229 : Ejemplo_2, TuanPN_2
- Track 230 : EnochSoames_2
- Track 231 : Hippo_2
- Track 232 : Lannister_3
- Track 233 : Zemlya_2
- Track 234 : Celeste_2
- Track 235 : Danzina_2
- Track 236 : Tefunt_2
- Track 237 : Alvy_3, BartholomewSD_3, TinaBelcher_2, Bowden_2, TrvxScott_2, Thestral_2
- Track 238 : Andris_2
- Track 239 : Pablito_2
- Track 240 : Axiom_3, Triumph_3
- Track 241 : Marav_3
- Track 242 : Omar_2, Diane_2, Haizum_2, Nishikigoi_2
- Track 243 : Jevington_3
- Track 244 : Loofah_3, Paedore_3
- Track 245 : Caelum_3
- Track 246 : R4_1
- Track 247 : Amethyst_2
- Track 248 : Hank144_2
- Track 249 : Issmi_2
- Track 250 : Puginator_3
- Track 251 : SqueakyClean_3, Animus_3, Janus_3, GirlDinner_2
- Track 252 : Yosif_3
- Track 253 : Verse_2
- Track 254 : Kaine_3
- Track 255 : Jhitchelle_2
- Track 256 : ZamZam_2
- Track 257 : Provolone_4, Conan_4, ElGato_4
- Track 258 : Speedwell_3
- Track 259 : SunkenRoot_2
- Track 260 : Pavo_3
- Track 261 : Saftant_2
- Track 262 : Alsaber_3, Sudan_2
- Track 263 : Celery_4
- Track 264 : Verabelle_3

- Track 265 : BroPlease_1, phiHau3_1, GreenWeasel_1
- Track 266 : Celia_2, Itza_2, Urza_2
- Track 267 : VieEnRose_2
- Track 268 : PhinkBoden_15, Cucurbita_13, Bachita_15, ClubL_14, Dusty_13, Culver_13, Geeche_13, Abscondus_13, WilliamBoone_12
- Track 269 : Norvs_14, Smoothie_14, Aphelion_14, Lozinak_14, Miskis_12, Engineer_14, Toniann_14
- Track 270 : OneUp_9
- Track 271 : BrutonGaster_7
- Track 272 : Button_71
- Track 273 : PotPie_71, SummitAcademy_71, Yucky_74
- Track 274 : Margaret_75
- Track 275 : Zareef_67, Azira_67, Wolfwood_67, Nibbles_67, Fribs8_67
- Track 276 : Jamzy_76
- Track 277 : HippoPololi_68
- Track 278 : Survivors_69
- Track 279 : Buttrmlkdreams_71, Horseradish_71
- Track 280 : Axym_69, Socotra_72, Agatha_71, GoldHunter_71, Burnsey_70, Sopespian_68
- Track 281 : Bubble_70, Quasar_71
- Track 282 : Yummy_71
- Track 283 : Lauer_66, Balloona_71, CocoaPuff_70
- Track 284 : Yakult_74
- Track 285 : Elinal_76, KayGee_74
- Track 286 : RanchParmCat_74
- Track 287 : GiKK_75
- Track 288 : Orla_75
- Track 289 : Dre3_68
- Track 290 : Amok_68, Emalyn_67
- Track 291 : McDazzle_71
- Track 292 : RSchmailzi_71
- Track 293 : SweatNTears_71
- Track 294 : MAnor_73, Pons_74
- Track 295 : MunkgeeRoachy_69
- Track 296 : Troje_71
- Track 297 : Nodigi_74
- Track 298 : Angelique_76
- Track 299 : Bradissa_76
- Track 300 : Pollux_82, EMsquaredA_80, Floral_80
- Track 301 : EnalisNailo_76
- Track 302 : BritBrat_98
- Track 303 : Wrigley_81, Jablanski_82, Posh_79, Pytheas_83
- Track 304 : Cashline_76
- Track 305 : LonelyBoi_78
- Track 306 : JonJames_13, Cardigan_14
- Track 307 : Yvonnestic_14
- Track 308 : Bantam_8
- Track 309 : Daredevil_10
- Track 310 : SpeedDemon_90
- Track 311 : DatBoi_9
- Track 312 : Towmatter_9
- Track 313 : Mollymur_10
- Track 314 : MortyNRick_97, Birdsong_96, BearBQ_102

- Track 315 : Crater_100, Apricot_101
- Track 316 : Kuwabara_94
- Track 317 : Honk_82
- Track 318 : Caron_82
- Track 319 : Percival_75, Gretchen_74
- Track 320 : Mabodamaca_75
- Track 321 : Floof_81
- Track 322 : Zeta1847_76
- Track 323 : Forester_71
- Track 324 : SuperHands_73
- Track 325 : SuMoo_83
- Track 326 : IAmGroot_75, GardenState_76
- Track 327 : Barnstormer_77, UtzChips_77
- Track 328 : Arianna_54, Poushou_54, TouchMeNot_54
- Track 329 : LunaStella_101, TChen_101, Renaud18_112
- Track 330 : Caprice_92, JoieB_93, Raela_94, RedRaider77_92, VasuNzinga_90, Poise_93, Tesla_88, Blackbeetle_93
- Track 331 : Lilbit_88, Beelzebub_96, Corazon_87, FeliMaine_92, Marvin_86, Clarkson_93, Huphlepuuff_94, Pringar_88
- Track 332 : Gattaca_91, GoongGoong_93, MosMoris_88
- Track 333 : LittleLaf_90
- Track 334 : ZenTime222_65, Bernal13_59, Ibrahim_59, RonRayGun_59, Whitty_58
- Track 335 : Mendokysei_63
- Track 336 : Nairb_57
- Track 337 : Nette_66
- Track 338 : Stellammi_180
- Track 339 : Nebkiss_165, Gaia_169
- Track 340 : Juicebox_59
- Track 341 : Elener_66
- Track 342 : Samy_101
- Track 343 : Attoomi_53
- Track 344 : Footloose_71
- Track 345 : Tailonex_1

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

The start number called the most often in the published annotations is 169, it was called in 481 of the 1094 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 20ES_4, 40AC_5, AN3_4, AN9_4, ANI8_4, AbbyPaige_5, Abbyshoes_2, Acolyte_4, Adahisdi_1, Adzzy_4, Aeneas_1, Agape74_5, Ajay_1, Aliter_4, Alma_4, Alsfro_2, Altman_3, Alvin_3, Anaysia_4, Aneem_4, Anglerfish_2, AnnaL29_4, Anon_4, Anselm_5, Applejack_1, Arcanine_2, ArcherNM_4, Arissanae_4, Arlo_2, Artemis2UCLA_4, Ashballer_1, Astro_1, Atkinbua_1, Ayanochan_4, BABullseye_4, BPBiebs31_2, BabyBack_4, BabyRay_1, BaconJack_2, Bactobuster_4, Baehexic_5, Barriga_2, BarrowTuph_1, Battleship_5, Beatrix_1, Beelzebub_96, Beemo_4, BeesKnees_2, Bellris_4, BengiVuitton_4, BennyP_4, Benvolio_5, Bexan_1, BiancaTri92_4, Big3_1, BigMau_3, BigPaolini_1, Bigchungi_1, Bigfoot_1, BillKnuckles_2, Bircsak_2, Blackbeetle_93, BlessJoy_4, Blesser_1, Blinn1_4,

BluSpix_1, Blue7_4, BlueBird_1, Blue_3, Bob3_2, BobSwaget_5, BogosyJay_4, Bones_1, Boohoo_4, Bowtie_4, Briton15_2, Bruns_1, Bud_4, Bugsy_5, Burton_2, Bxb1_1, C3_04, CRB1_4, CactusRose_1, Caitlin_1, Caprice_92, Carlyle_2, Catalina_4, Caviar_1, Celestiallunch_4, Centaur_5, Chanagan_2, Changeling_4, Chargerpower_5, Charm_4, Chartreuse_4, Che12_4, ChipMunk_5, Clarkson_93, CloudWang3_4, Colin_5, ConceptII_2, Conquerage_4, Cookiedough_4, Corazon_87, Corvo_2, Crispicous1_1, Crucio_5, Cueylyss_1, D29_4, D32_4, DBQu4n_4, DD5_2, DaVinci_4, Dalmatian_5, Darrell_4, DeerParkTS_4, DekHockey33_4, Deloris_4, Dexes_2, Dignity_5, Dixon_1, Doom_1, Dorothea_4, DrFeelGood_1, Drake55_5, DreamTeam1_4, Dreamboat_2, DroogsArmy_1, DudeLittle_5, Dulcie_1, Duplo_4, Dussy_2, Dynamix_2, EZMoney23_4, EagleEye_4, Echid_5, Edtherson_2, Eidsmoe_4, Elephantoon_4, Elle_4, EmyBug_4, EnzoK_1, Epsocamisio_4, Equemioh13_5, EricB_4, Espresso_2, Euphoria_2, EvilGenius_5, Eyeball_1, Fameo_5, Fascinus_1, Fayely_4, FeliMaine_92, Fenn_1, Fibonacci_4, FiringLine_5, First_004, Flare16_5, Flaverint_4, Forsytheast_1, Francis47_2, Froghopper_2, GMonster_2, GageAP_2, Gail_4, Gandalf20_2, GaugeLDP_4, Georgie2_5, Gilberta_4, Giroux_1, Gladiator_4, Gompeii16_2, Graduation_1, GreedyLawyer_4, Gruunaga_4, Gwendoluna_1, Gyzlar_2, HINdeR_1, Hami1_1, Hammer_4, HarryHoudini_5, Heffalump_5, Helmet_4, Herbertwm_1, HermioneGrange_2, Hexamo_4, HippoHollow_4, Homines_2, Hookmount_1, Hoot_4, Hope4ever_1, HortumSL17_4, Huphlepuuff_94, Hutc2_4, ILeeKay_1, Ichabod_2, IgnatiusPatJac_1, Indra_4, Insomnia_4, Inyanga_1, Iqorha_1, IronMan_4, Isca_1, Isiphiwo_4, Iwokeuplikedis_5, JC27_2, JF2_1, JF4_1, JSwag_4, Jaan_4, Jabith_4, JackSparrow_1, Jasper_2, Jeeves_4, Jeffabunny_4, Jerm2_2, Jerm_5, JewelBug_4, JoieB_93, Jordennis_4, Jorgensen_2, Joselito_4, JoshKayV_5, Journey13_4, Jsquared_4, JuliaChild_2, KBG_2, Kalpine_4, Kanely_3, KatherineG_4, Kazan_4, Kenmech_2, Kerberos_4, Keziacharles14_4, Killigrew_1, Kimba_4, Kimona_1, KingCyrus_5, Kipper29_4, Klodlith_4, Koduck_4, Koko_4, KyMonks1A_1, Kykar_1, L5_4, LadyBird_4, Lambert1_1, Lamina13_2, Landor_4, Larenn_5, LastResort_4, Leogania_4, Lesedi_1, Levia_1, Leviathan_5, Licorice_2, LilBib_1, LilTurb_5, Lilbit_88, Lilbunny_4, LionsBait_4, Lockley_2, Lokk_5, LoneWolf_4, Looper_4, Lopton_2, Loser_4, Luchador_4, Lucivia_4, Lucyedi_4, LunarLander_1, MA5_1, MK4_1, MPlant7149_2, MaCh_4, Magnar_1, Makemake_2, Malec_5, Maminiaina_4, Manatee_2, Marcell_2, Marchy_2, Marco3_1, Marge_1, Margo_1, Maroc7_1, Marvin_86, MaryBeth_2, McFly_4, McGuire_2, MetalQZJ_2, Michley_1, MiculUcigas_5, Miko_5, MilleFeuille_1, MinecraftSteve_5, MissWhite_4, Mkhuseli_1, Molly_2, Moose_1, Mryolo_1, Mulciber_4, Mule_1, Munch_4, Museum_3, Myxus_4, NEHalo_2, NaSiaTalie_5, Naira_1, Naji_4, NearlyHeadless_1, Nebulosus_4, Nedarya_4, Neeharika16_4, Newrala_4, Nhonho_2, NicoleTera_4, Niza_3, Noella_1, Norz_2, Odin_3, Ohno789_1, Oofda_4, Oogway_1, PSullivan_2, PacerPaul_2, PackMan_4, PainterBoy_4, Paphu_1, Paraselene_1, Pari_2, Parliament_1, PascalRango_2, PattyP_2, Payneful_2, Pelly_2, Pepe_2, Perseus_1, Petersenfast_4, Peterson_1, Petp2012_2, Petruchio_2, Ph8s_4, Phaded_4, Phaeder_4, PherrisBueller_2, Phillis_1, PhineBark_1, Philipppers_1, Phonnegut_4, PinkPlastic_1, Pioneer_4, Piro94_4, Pistachio_1, Pita2_2, Pmask_4, Pocahontas_1, Poise_93, Polyphemus_4, Pomar16_4, PowerRanger_1, Power_5, Priamo_4, Pringar_88, Priya_4, ProMouse_1, Pukovnik_4, Puppet_1, Puppy_1, QTRlifeCrisis_1, QueenB2_5, QueenBeesly_5, Rachaly_5, Raela_94, Rahalelujah_4, Raid_2, Rajelicia_2, Ravana_4, ReMo_4, RedRaider77_92, RedRock_4, Refuge_4, Remus_4, ResDef_1, Retro23_5, Rhynn_1, Rifter_4, Ringer_1, Roary_1, Rohr_2, Roksolana_4, Rosalind_4, Rubeus_2, Rufus_2, Rutherford_1, RyeScarlet_5, STLscum_2, Sagefire_2, Saintus_1, Salz_4, SarFire_2, Saskia_4, Scherzo_4, Seabiscuit_2, Seanderson_1, SemperFi_5, Serenity_4, Sham4_4, ShayRa_5,

SheaKeira_4, ShortQueendom_1, Sibs6_2, SkiPole_2, Sknot_5, Slagathor_2, Smairt_1, Smeadley_1, Smeagan_5, Smeagol_1, SmellyB_4, SnapTap_5, Snape_4, Snazzy_1, Solon_1, SororFago_4, Sorpresa_1, Soups_4, SpikeBT_1, Spouty_4, Squee_1, StarStuff_4, Steamy_4, Stephig9_1, StewieG_1, StrongArm_1, Strosahl_4, Sumter_1, Sunhee_4, Sunshine924_1, SuperAwesome_4, SuperCallie99_4, Superchunk_4, SweetiePie_5, SwirlSquare_4, SwissCheese_1, Switzerland_4, Swole_2, TNguyen7_1, Target_2, TarsusIV_5, Tasp14_2, Temprado_4, Teodoridan_1, Terrific_6, Tesla_88, TheloniousMonk_2, Thor_2, Timothy_4, Timshel_1, TinyTimmy_4, TopsytheTRex_4, Todacoro_1, Tomathan_4, Topgun_1, Tote_2, Trafft412_3, Travvers_4, Treddle_2, Tripl3t_1, Tristan_4, Trixie_4, Trooper_5, Tubs_4, Tucker_4, Turbido_5, Turj99_1, TwoPeat_2, Updawg_5, VA6_4, VC3_4, Vanisoa_4, VasuNzinga_90, Violet_2, VohminGhazi_4, Waits_4, Warrior24_4, WeiHuaDA_5, Whabigail7_5, Wheeler_2, Whitspit_2, WideWale_5, Wiks_4, Wilkins_1, WunderPhul_4, XianYue_4, Yecey3_4, Yokurt_4, Zaka_4, Zeeculate_1, Zephyr_1, Zeuska_1, Zulu_4,

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

- AFIS_1, Agaliana_2, Bachome_4, Blackflame_2, Button_71, ChristmasHams_2, Ebony_4, Elener_66, ExplosioNervosa_4, Gachnar_2, GiKK_75, HanShotFirst_2, Jamzy_76, KSSJEB_1, LittleLaf_90, Mabel_4, Margaret_75, Nodigi_74, Orange_4, Orla_75, Papez_2, Qobbit_4, RanchParmCat_74, Sandaddy_1, Toaka_4, Yakult_74,

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

- 8UZL_67, ACFishhook_1, AEgle_67, Aaronocolus_2, AbbysRanger_1, Abdiel_1, Abrogate_20, Abscondus_13, AceofSpades_68, Achebe_1, Acme_2, Adolin_71, Adumb2043_68, Agatha_71, AgentM_1, Aglet_1, AgronaGT15_1, Airmid_1, Albee_1, Alberto7_1, Aldrich_2, Alsaber_3, Alvy_3, Amethyst_2, Amok_68, Amploria_70, Amyev_68, Andris_2, Angelique_76, Animus_3, Annyong_1, Anthony_1, Anubis_3, Aphelion_14, Apricot_101, Aragog_1, Archetta_1, Arianna_54, Arturo_86, Asa16_69, Ascela_71, Ashes_63, Asten_2, Attoomi_53, AugsMagnumOpus_3, AvatarAhPeg_1, Avle17_1, Axiom_3, Axym_69, Azira_67, Baby16_1, Bachita_15, Badger_1, Balloona_71, Bantam_8, Barnstormer_77, BarryBee_3, BartholomewSD_3, Bartimeaus_1, BearBQ_102, BeardedLady_2, Beaupre_62, Beauxregard13_1, BellusTerra_1, Benedict_1, Bernal13_59, Berrie_69, Bethlehem_2, Birdsong_96, Blackmoor_1, Bombshell_1, Bovely_2, Bowden_2, Bradissa_76, BreSam8_1, BritBrat_98, BroPlease_1, Broseidon_1, Bruiser_1, BrutonGaster_7, BryanRecycles_2, BubbleTrouble_1, Bubble_70, Bumblebee11_1, Burnsey_70, Buttons_2, Buttrmlkdreams_71, Bxz2_1, Caelum_3, Caliburn_2, Calvinny_1, Camperdownii_1, Cappuccino_63, Cardigan_14, Caron_82, Cashline_76, Cassia_68, CatBus_2, Celery_4, Celeste_2, Celia_2, CentreCat_1, Cerulean_1, Chadwick_1, Chaph_1, Chucky_2, Chupacabra_1, Ciao_1, Cici_1, Cintron_1, Citius_1, Clarenza_1, ClownCar_1, ClubL_14, CocoaPuff_70, Cocoaberry_1, Colbster_1, Community_70, Conan_4, Connomayer_1, Conspiracy_1, Coog_1, Crater_100, Crewmate_74, Croquant_2, Cuco_1, Cucurbita_13, Cullens_1, Culver_13, Cyan_70, DaHudson_1, Daishi_1, Danzina_2, Daredevil_10, DarthPhader_4, DatBoi_9, Dattran_2, Datway_1, Deano_1, Dhanush_1, Diane_2, Dieselweasel_1, DirtDevil_2, DirtyDunning_1, Discoknowium_1, Donkey_63, DrManhattan_72, DrSierra_66, Drake94_1, Dre3_68, DreamCatcher_2, DropBear_1, Druantia_1, Dusty_13, Dwayne_2, EMSquaredA_80, Eaglepride_1, Eapen_1, Eddasa_2, Edison31_1, Ejemplo_2, ElGato_4, ElTiger69_1, Elezi_68, Elinal_76, Emaanora_3, Emalyn_67, Emotion_74, EnalisNailo_76, Engineer_14, EnochSoames_2, EpicPhail_1, Eraser_69, Eris_1, Eros_1, Esperer_2, Eurydice_1, Exile_60, FF47_64, Fajezeel_2, Farber_1, Farewell_96, Fernando_1, Floof_81, Floral_80, Florean_1, Flutur_69,

Flux_1, FlyCatcher_1, Footloose_71, ForGetIt_1, Forester_71, Fred313_1, Fribs8_67, Funston_1, Fushigi_2, Gadost_1, Gaia_169, Gambol_64, GardenState_76, Gattaca_91, Geeche_13, Gemma_1, GingkoMaracino_1, Giorgio_62, GirlDinner_2, Goby_2, GoldHunter_71, GoongGoong_93, Goose_1, GrecoEtereo_2, GreenWeasel_1, Greg_2, Gretchen_74, Grif_1, GroundGoblin_2, Groupthink_2, Grub_1, Grum1_1, GtownJaz_1, Gumpizza_62, Gwennie_1, Haizum_2, Halsey_63, Hank144_2, Happiness_1, HarryOW_2, HashRod_2, HaveUMetTed_2, Heliosoles_1, Hercules11_1, Hermia_2, HippoPololi_68, Hippo_2, Holli_1, Honk_82, Horseradish_71, Houdini22_1, HuhtaEnerson15_1, Huxley_1, Hydra_3, IAmGroot_75, ICleared_1, IUFootball_70, Ibrahim_59, Iceman_1, Indigo_2, Iracema64_1, Issmi_2, Iter_70, IttyBittyPiggy_70, Itza_2, Izzy_2, JHC117_1, Jabiru_1, Jablanski_82, JacoRen57_63, Janeemi_69, Janus_3, Jash_2, JasmineDragon_70, Jaykayelowell_1, JenCasNa_1, JeppNRM_2, JetBlade_1, Jevington_3, Jhitchelle_2, Jobu08_1, Joemato_71, JohnDoe_70, JohnThicc_67, JonJames_13, JoongJeon_1, Jovo_1, Jstan_70, Juicebox_59, JuneStar_68, KADY_2, KFPoly_1, Kachowdy_1, Kaine_3, Kalb97_2, Kalimba_63, Kalnoky_2, Kamy_1, Katalie136_1, Katalie_2, KayGee_74, Kaylissa_71, KeAlii_67, KikiBouba_2, Kingmustik0402_1, KittenMittens_1, Koan_1, Koreni_1, Kratark_1, Kremtemulon_1, Kristoff_2, Kugel_1, Kuwabara_94, Kyee_1, LBerry_1, LHTSCC_1, LadyAstra_68, Lannister_3, LarryKay_1, Lauer_66, Legacy_2, Lego_69, Lemur_1, Lev2_1, Leviticus_2, Liebe_69, Lika_2, Lilith_1, LittleB_1, LittleCherry_1, LittleGuy_1, Lizalica_69, LochMonster_1, London_69, LonelyBoi_78, LongHai_67, Loofah_3, Lorelei_2, Lorenzo_1, Louie6_1, Lozinak_14, LugYA_3, LunaStella_101, Lunsford_1, MAnor_73, MaGuCo_63, Mabodamaca_75, Maco6_63, MadMarie_1, Mainiac_1, MalagasyRose_85, Malinsilva_3, Maneekul_2, Manu_2, MarQuardt_1, Marav_3, Marie_1, Marius_2, Marsha_2, Maureen_69, Maxo_1, Mayonnaise_1, Mazhar510_1, McDazzle_71, McSinger_2, Medusa_1, Melvin_1, Mendokysei_63, Methuselah_1, Michkear_72, Microwolf_1, Midas2_1, Milcery_1, Millski_1, MiniMommy_70, Miramae_1, Miskis_12, Misomonster_3, MissSwiss_70, Mollymur_10, Monet_2, MoneyMay_1, Morpher26_1, Morrow_1, MortyNRick_97, MosMoris_88, Moss_63, MrGordo_1, Muddy_67, Mudpuppy_68, Mundrea_1, MunkgeeRoachy_69, MyraDee_1, Mysterium_62, Nabi_2, Naca_1, Nairb_57, Nanodon_3, Nebkiss_165, Nebs_1, Nemo27_1, Nerdos_2, Nergal_81, Nerujay_1, Nette_66, Nibbles_67, Niobe_69, Nishikigoi_2, Nitro_70, NoShow_74, Noelle_1, NorthStar_1, Norvs_14, NotAPhaseMom_1, Noxious_2, Nyxis_1, OKCentral2016_1, OKaNui_1, Obama12_1, ObiToo_74, Ohfah_1, OlanP_1, Oliynyk_2, Ollie_1, Omar_2, OneUp_9, Origami_67, Ozzie_2, OzzyJ_3, P28Green_1, PGHhamlin_3, Pablito_2, Paedore_3, Palestino_1, PandaPo_69, Pavo_3, Pawn_1, PeaceMeal1_1, Pembroke_1, Penny1_1, Percival_75, Perplexer_1, PeterPeter_1, PetiteSangsue_1, PetterN_1, Phacado_1, Phantastic_1, Pharaoh_4, Phettuccine_2, Phighter1804_1, PhinkBoden_15, PhishRPhriends_1, Phives_70, Phlorence_1, Phoebe_1, Phontbonne_1, Phoxy_1, Phranny_2, PickleBack_1, Pipcraft_1, Pippin_2, Pixelle_68, Pollux_82, Polymorphads_1, Pons_74, Poompha_1, Posh_79, PotPie_71, PotatoSplit_2, Poushou_54, Powerpuff_71, Provolone_4, Puginator_3, Pumbaa_1, PurpleHaze_1, Pytheas_83, Quasar_71, R4_1, RSchmailzl_71, Rana_2, Reba_2, RedBear_3, Reedo_68, Relief_1, Renaud18_112, RhynO_1, RidgeCB_2, RockScotty_62, Roimos_1, Romney_1, RonRayGun_59, Roosevelt_1, Ruin_1, Rummer_1, Ruotula_2, Rusticus_2, SPB78_77, Sabertooth_1, Sabia_1, Sabinator_1, Saftant_2, Salvus_67, Samy_101, Sanya_2, SarahRose_2, Scamp_1, Scorpia_1, Scout_1, Scowl_2, SenorClean_1, Severus_1, ShakeltOph_70, Sheen_1, SheldonCooper_1, Shygu2_1, Skelbel_70, Skipitt_1, Smoothie_14, Snek_68, Snickers_1, Snorlax_2, SoYo_1, Socotra_72, SoilDragon_1, Soondubu_62, Sooty_63, Sopespian_68, Soshari_3, South40_2, Sparky_95, Sparxx_1, SpecialK_63, SpeedDemon_90,

Speedwell_3, Spike509_1, Spino_1, SqueakyClean_3, Stagni_1, Stasia_1, SteMason_1, Stellammi_180, StepMih_1, Stuu_63, SuMoo_83, Subaru_68, Sudan_2, Sue2_68, Sujidade_2, Sultana_1, SummitAcademy_71, SunkenRoot_2, SunsetPointe_2, SuperHands_73, Survivors_69, SweatNTears_71, Switzer_2, TChen_101, TagePhighter_3, Tailonex_1, Tallboi_69, Taquarus_1, Taurus_1, Tbone_69, Tefunt_2, TforTroy_69, Thanksgivukkah_1, Thestral_2, ThursdayNight_74, Tian_67, Tiffany_1, Tiger_1, TinaBelcher_2, TinaFeyge_1, TinyPebbles_1, Toma_2, Toniann_14, Topanga_1, Toro_1, TouchMeNot_54, Towmatter_9, Triste_2, Triumph_3, Troje_71, TroyPia_1, TrvxScott_2, TuanPN_2, Tuck_69, Turab_67, Tutumahutu_71, Tweety19_69, Twigg_1, Twister_1, TygerBlood_1, U2_2, UnionJack_87, Unstoppable_2, Urza_2, UtzChips_77, VResidence_72, VWB_70, Verabelle_3, Verse_2, VieEnRose_2, Vix_1, VroomVroom_67, WalterMcMickey_1, Wander_1, Warda_70, Watermelon_2, Watson_1, Werner_2, Whitty_58, Wilbur_1, Wildwest_65, Wile_1, WilliamBoone_12, Wizard007_1, Wolfwood_67, Wooldri_3, Wrigley_81, Xena_1, Yang_68, Yasdni1_2, YesChef_69, YoSam321_1, Yosif_3, Yucky_74, Yummy_71, Yvonnetastic_14, ZamZam_2, Zareef_67, Zemlya_2, ZenTime222_65, Zeta1847_76, Zetzy_1, Zimmer_4, phiHau3_1,

Summary by start number:

Start 86:

- Found in 6 of 1153 (0.5%) of genes in pham
- Manual Annotations of this start: 6 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bernal13_59 (T), Ibrahim_59 (T), Nairb_57 (T), RonRayGun_59 (T), Whitty_58 (T), ZenTime222_65 (T),

Start 90:

- Found in 8 of 1153 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 12.5% of time when present
- Phage (with cluster) where this start called: Nette_66 (T),

Start 133:

- Found in 33 of 1153 (2.9%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 3.0% of time when present
- Phage (with cluster) where this start called: Papez_2 (A1),

Start 140:

- Found in 1 of 1153 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Toaka_4 (A9),

Start 141:

- Found in 22 of 1153 (1.9%) of genes in pham
- Manual Annotations of this start: 2 of 1094
- Called 9.1% of time when present
- Phage (with cluster) where this start called: ExplosioNervosa_4 (A9), Qobbit_4 (A9),

Start 142:

- Found in 2 of 1153 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Danzina_2 (BD1),

Start 145:

- Found in 116 of 1153 (10.1%) of genes in pham
- Manual Annotations of this start: 3 of 1094
- Called 2.6% of time when present
- Phage (with cluster) where this start called: AFIS_1 (A1), KSSJEB_1 (A1), MrGordo_1 (A1),

Start 151:

- Found in 1 of 1153 (0.1%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Tailonex_1 (singleton),

Start 152:

- Found in 115 of 1153 (10.0%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 0.9% of time when present
- Phage (with cluster) where this start called: GiKK_75 (CT),

Start 155:

- Found in 5 of 1153 (0.4%) of genes in pham
- Manual Annotations of this start: 2 of 1094
- Called 40.0% of time when present
- Phage (with cluster) where this start called: Cerulean_1 (A4), LHTSCC_1 (A4),

Start 156:

- Found in 13 of 1153 (1.1%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 7.7% of time when present
- Phage (with cluster) where this start called: Tefunt_2 (BD2),

Start 157:

- Found in 26 of 1153 (2.3%) of genes in pham
- Manual Annotations of this start: 2 of 1094
- Called 7.7% of time when present
- Phage (with cluster) where this start called: Bubble_70 (CT), Quasar_71 (CT),

Start 158:

- Found in 87 of 1153 (7.5%) of genes in pham
- Manual Annotations of this start: 38 of 1094
- Called 43.7% of time when present
- Phage (with cluster) where this start called: AgronaGT15_1 (A3), BreSam8_1 (A3), Calvinny_1 (A3), ClownCar_1 (A3), Colbster_1 (A3), Cullens_1 (A3), Daishi_1 (A3), Dieselweasel_1 (A3), Gaia_169 (X), Gemma_1 (A3), GingkoMaracino_1 (A3), HashRod_2 (A3), Heliosoles_1 (A3), JenCasNa_1 (A3), Jobu08_1 (A3), Kalnoky_2 (A3), LBerry_1 (A3), LugYA_3 (A3), MadMarie_1 (A3), Marie_1 (A3), Misomonster_3 (A3), MoneyMay_1 (A3), Nebkiss_165 (X), P28Green_1 (A3), Pawn_1 (A3), Pembroke_1 (A3), Phoebe_1 (A3), PotatoSplit_2 (A3), PurpleHaze_1 (A3),

Rummer_1 (A3), Sabia_1 (A3), SoilDragon_1 (A3), Soshari_3 (A3), Stellammi_180 (UNK), Taurus_1 (A3), TinyPebbles_1 (A3), Wooldri_3 (A3), Zetzy_1 (A3),

Start 159:

- Found in 9 of 1153 (0.8%) of genes in pham
- Manual Annotations of this start: 6 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: DropBear_1 (A3), FlyCatcher_1 (A7), Fred313_1 (A3), Kachowdy_1 (A3), Phantastic_1 (A3), Roimos_1 (A3), Scout_1 (A3), Sheen_1 (A7), Toro_1 (A7),

Start 160:

- Found in 19 of 1153 (1.6%) of genes in pham
- Manual Annotations of this start: 15 of 1094
- Called 78.9% of time when present
- Phage (with cluster) where this start called: Chupacabra_1 (A10), Drake94_1 (A10), Eaglepride_1 (A10), Edison31_1 (A10), Goose_1 (A10), KittenMittens_1 (A10), Kristoff_2 (A10), OKCentral2016_1 (A10), PeaceMeal1_1 (A10), Poompha_1 (A10), RhynO_1 (A10), Severus_1 (A10), Topanga_1 (A10), Twister_1 (A10), WalterMcMickey_1 (A10),

Start 161:

- Found in 13 of 1153 (1.1%) of genes in pham
- Manual Annotations of this start: 9 of 1094
- Called 76.9% of time when present
- Phage (with cluster) where this start called: Elinal_76 (CT), KayGee_74 (CT), MAnor_73 (CT), MalagasyRose_85 (AG), McDazzle_71 (CT), Nergal_81 (AG), Pons_74 (CT), PotPie_71 (CT), SummitAcademy_71 (CT), Yucky_74 (CT),

Start 164:

- Found in 102 of 1153 (8.8%) of genes in pham
- Manual Annotations of this start: 77 of 1094
- Called 77.5% of time when present
- Phage (with cluster) where this start called: Aaronocolus_2 (BD1), AgentM_1 (A5), Aragog_1 (A5), Archetta_1 (A5), Asten_2 (BD1), BarryBee_3 (BD1), BeardedLady_2 (BD1), Benedict_1 (A5), Bovely_2 (BD1), BryanRecycles_2 (BD1), Caliburn_2 (BD1), Celeste_2 (BD1), Chadwick_1 (A5), Chucky_2 (BD1), Conspiracy_1 (A5), Coog_1 (A5), Cuco_1 (A5), Dattran_2 (BD1), Discoknowium_1 (A5), Dwayne_2 (BD1), Eddasa_2 (BD1), Ejemplo_2 (BD1), ElTiger69_1 (A5), Emaanora_3 (BD1), Esperer_2 (BD1), ForGetIt_1 (A5), Goby_2 (BD1), Hippo_2 (BD1), HuhtaEnerson15_1 (A5), Hydra_3 (BD1), Indigo_2 (BD1), Izzy_2 (BD1), Jabiru_1 (A5), Jash_2 (BD1), Jovo_1 (A5), Katalie_2 (BD1), Lannister_3 (BD1), Legacy_2 (BD1), Lev2_1 (A5), Leviticus_2 (BD1), Lika_2 (BD1), LittleCherry_1 (A5), Lorelei_2 (BD1), Maneekul_2 (BD1), Midas2_1 (A5), Milcery_1 (A5), Nabi_2 (BD1), Naca_1 (A5), Nanodon_3 (BD1), Nerdos_2 (BD1), Oliynyk_2 (BD1), Ozzie_2 (BD1), OzzyJ_3 (BD1), PetterN_1 (A5), Phettuccine_2 (BD1), Phlorence_1 (A5), PickleBack_1 (A5), Rana_2 (BD1), RedBear_3 (BD1), Rusticus_2 (BD1), SPB78_77 (BA), SarahRose_2 (BD1), Scorpia_1 (A5), Snorlax_2 (BD1), South40_2 (BD1), Sujidade_2 (BD1), SunsetPointe_2 (BD1), TAgePhighter_3 (BD1), Tiger_1 (A5), Toma_2 (BD1), Triste_2 (BD1), TuanPN_2 (BD1), Twigg_1 (A5), UnionJack_87 (A5), Unstoppable_2 (BD1), VWB_70 (BA), Werner_2 (BD1), Yasdnii_2 (BD1), Zemlya_2 (BD1),

Start 165:

- Found in 159 of 1153 (13.8%) of genes in pham
- Manual Annotations of this start: 129 of 1094
- Called 88.7% of time when present
- Phage (with cluster) where this start called: AEgle_67 (AZ1), AceofSpades_68 (AZ4), Adolin_71 (AZ1), Adumb2043_68 (AZ1), Alsaber_3 (BD3), Alvy_3 (BD2), Amethyst_2 (BD2), Amploria_70 (AZ1), Amyev_68 (AZ1), Andris_2 (BD2), Animus_3 (BD2), Asa16_69 (AZ1), Ascela_71 (AZ1), Attoomi_53 (singleton), Axiom_3 (BD2), Barnstormer_77 (EH), BartholomewSD_3 (BD2), Berrie_69 (AZ1), Bowden_2 (BD2), BroPlease_1 (BD4), Caelum_3 (BD2), Caron_82 (EH), Cassia_68 (AZ1), Celery_4 (BD3), Celia_2 (BD6), Community_70 (AZ1), Conan_4 (BD3), Crewmate_74 (AZ1), Cyan_70 (AZ1), Diane_2 (BD2), DrManhattan_72 (AZ1), DrSierra_66 (AZ1), ElGato_4 (BD3), Elezi_68 (AZ1), Emotion_74 (AZ4), EnochSoames_2 (BD1), Eraser_69 (AZ1), Exile_60 (AZ6), Floof_81 (EH), Flutur_69 (AZ), Footloose_71 (singleton), Forester_71 (EH), GardenState_76 (EH), GirlDinner_2 (BD2), GreenWeasel_1 (BD4), Gretchen_74 (EH), Haizum_2 (BD2), Hank144_2 (BD2), Honk_82 (EH), IAmGroot_75 (EH), IUFootball_70 (AZ2), Issmi_2 (BD2), Iter_70 (AZ1), IttyBittyPiggy_70 (AZ1), Itza_2 (BD6), Janeemi_69 (AZ1), Janus_3 (BD2), JasmineDragon_70 (AZ4), Jevington_3 (BD2), Jhitchelle_2 (BD3), Joemato_71 (AZ1), JohnDoe_70 (AZ1), JohnThicc_67 (AZ4), JuneStar_68 (AZ1), Kaine_3 (BD3), Kaylissa_71 (AZ1), KeAlii_67 (AZ1), LadyAstra_68 (AZ4), Lego_69 (AZ1), Liebe_69 (AZ2), Lizalica_69 (AZ1), London_69 (AZ1), Loofah_3 (BD2), MaGuCo_63 (AZ2), Mabodamaca_75 (EH), Marav_3 (BD2), Maureen_69 (AZ2), Michkear_72 (AZ), MiniMommy_70 (AZ4), MissSwiss_70 (AZ1), Mudpuppy_68 (AZ1), Niobe_69 (AZ1), Nishikigoi_2 (BD2), Nitro_70 (AZ1), ObiToo_74 (AZ1), Omar_2 (BD2), Origami_67 (AZ4), Pablito_2 (BD2), Paedore_3 (BD2), PandaPo_69 (AZ1), Pavo_3 (BD3), Percival_75 (EH), Phives_70 (AZ1), Pixelle_68 (AZ1), Powerpuff_71 (AZ1), Provolone_4 (BD3), Puginator_3 (BD2), R4_1 (BD2), Reedo_68 (AZ1), Saftant_2 (BD3), Samy_101 (singleton), ShakeltOph_70 (AZ4), Skelbel_70 (AZ1), Sneak_68 (AZ3), Soondubu_62 (AZ6), Speedwell_3 (BD3), SqueakyClean_3 (BD2), SuMoo_83 (EH), Subaru_68 (AZ1), Sudan_2 (BD3), Sue2_68 (AZ1), SunkenRoot_2 (BD3), SuperHands_73 (EH), Tallboi_69 (AZ1), Tbone_69 (AZ1), TforTroy_69 (AZ1), Thestral_2 (BD2), ThursdayNight_74 (AZ), Tian_67 (AZ1), TinaBelcher_2 (BD2), Triumph_3 (BD2), TrvxScott_2 (BD2), Tuck_69 (AZ1), Turab_67 (AZ1), Tutumahutu_71 (AZ1), Tweety19_69 (AZ3), Urza_2 (BD6), UtzChips_77 (EH), VResidence_72 (AZ1), Verabelle_3 (BD3), Verse_2 (BD3), VieEnRose_2 (BD6), VroomVroom_67 (AZ4), Warda_70 (AZ1), Wildwest_65 (AZ1), Yang_68 (AZ1), YesChef_69 (AZ1), Yosif_3 (BD3), ZamZam_2 (BD3), Zeta1847_76 (EH), phiHau3_1 (BD4),

Start 166:

- Found in 27 of 1153 (2.3%) of genes in pham
- Manual Annotations of this start: 23 of 1094
- Called 92.6% of time when present
- Phage (with cluster) where this start called: Acme_2 (A1), Aldrich_2 (A1), Bethlehem_2 (A1), Buttons_2 (A1), Ciao_1 (A1), DirtDevil_2 (A1), Fajezeel_2 (A1), Fushigi_2 (A1), GrecoEtereo_2 (A1), Greg_2 (A1), GroundGoblin_2 (A1), HarryOW_2 (A1), Hermia_2 (A1), KikiBouba_2 (A1), Kugel_1 (A1), McSinger_2 (A1), Monet_2 (A1), Nerujay_1 (A1), Noxious_2 (A1), Pippin_2 (A1), RidgeCB_2 (A1), Scowl_2 (A1), Switzer_2 (A1), U2_2 (A1), Watermelon_2 (A1),

Start 167:

- Found in 90 of 1153 (7.8%) of genes in pham
- Manual Annotations of this start: 51 of 1094

- Called 56.7% of time when present
- Phage (with cluster) where this start called: Aglet_1 (A3), Anthony_1 (A20), Anubis_3 (A3), AugsMagnumOpus_3 (A3), Beauxregard13_1 (A3), Bxz2_1 (A3), DaHudson_1 (A3), DarthPhader_4 (A12), EpicPhail_1 (A3), Farber_1 (A3), Fernando_1 (A3), Grif_1 (A3), Groupthink_2 (A3), Grub_1 (A3), Grum1_1 (A3), GtownJaz_1 (A3), HaveUMetTed_2 (A3), Hercules11_1 (A3), JHC117_1 (A3), JeppNRM_2 (A3), KADY_2 (A3), Kalb97_2 (A3), LarryKay_1 (A3), Lilith_1 (A3), Louie6_1 (A3), Mainiac_1 (A3), Malinsilva_3 (A3), Manu_2 (A3), MarQuardt_1 (A3), Marius_2 (A3), Marsha_2 (A1), Methuselah_1 (A3), Microwolf_1 (A3), OlanP_1 (A3), Ollie_1 (A3), PGHhamlin_3 (A3), Penny1_1 (A3), Pharaoh_4 (A12), PhishRPhriends_1 (A3), Phoxy_1 (A3), Phranny_2 (A3), Reba_2 (A3), Sabinator_1 (A3), Snickers_1 (A3), Spike509_1 (A3), Stagni_1 (A3), StepMih_1 (A3), Tiffany_1 (A3), Vix_1 (A3), Watson_1 (A3), Zimmer_4 (A12),

Start 168:

- Found in 5 of 1153 (0.4%) of genes in pham
- Manual Annotations of this start: 4 of 1094
- Called 80.0% of time when present
- Phage (with cluster) where this start called: Gattaca_91 (S), GoongGoong_93 (S), MosMoris_88 (S), MyraDee_1 (A18),

Start 169:

- Found in 529 of 1153 (45.9%) of genes in pham
- Manual Annotations of this start: 481 of 1094
- Called 95.1% of time when present
- Phage (with cluster) where this start called: 20ES_4 (A2), 40AC_5 (A17), AN3_4 (A2), AN9_4 (A2), ANI8_4 (A2), AbbyPaige_5 (A2), Abbysshoes_2 (A1), Acolyte_4 (A2), Adahisdi_1 (A1), Adzzy_4 (A2), Aeneas_1 (A1), Agape74_5 (A2), Ajay_1 (A1), Aliter_4 (A9), Alma_4 (A9), Alsfro_2 (A1), Altman_3 (A1), Alvin_3 (A1), Anaysia_4 (A15), Aneem_4 (A11), Anglerfish_2 (A1), AnnaL29_4 (A2), Anon_4 (A15), Anselm_5 (A2), Applejack_1 (A1), Arcanine_2 (A1), ArcherNM_4 (A2), Arissanae_4 (A9), Arlo_2 (A1), Artemis2UCLA_4 (A6), Ashballe_1 (A1), Astro_1 (A8), Atkinbua_1 (A1), Ayanochan_4 (A9), BABullseye_4 (A6), BPBiebs31_2 (A1), BabyBack_4 (A2), BabyRay_1 (A3), BaconJack_2 (A1), Bactobuster_4 (A2), Baehexic_5 (A2), Barriga_2 (A1), BarrowTuph_1 (A1), Battleship_5 (A15), Beatrix_1 (A1), Beelzebub_96 (S), Beemo_4 (A9), BeesKnees_2 (A1), Bellris_4 (A9), BengiVuitton_4 (A2), BennyP_4 (A6), Benvolio_5 (A2), Bexan_1 (A1), BiancaTri92_4 (A2), Big3_1 (A1), BigMau_3 (A1), BigPaolini_1 (A1), Bigchungji_1 (A1), Bigfoot_1 (A1), BillKnuckles_2 (A1), Bircsak_2 (A1), Blackbeetle_93 (S), BlessJoy_4 (A6), Blessier_1 (A1), Blinn1_4 (A6), BluSpix_1 (A1), Blue7_4 (A6), BlueBird_1 (A3), Blue_3 (A1), Bob3_2 (A1), BobSwaget_5 (A2), BogosyJay_4 (A9), Bones_1 (A1), Boohoo_4 (A15), Bowtie_4 (A11), Briton15_2 (A1), Bruns_1 (A1), Bud_4 (A11), Buggy_5 (A2), Burton_2 (A1), Bxb1_1 (A1), C3_04 (A2), CRB1_4 (A2), CactusRose_1 (A1), Caitlin_1 (A8), Caprice_92 (S), Carlyle_2 (A1), Catalina_4 (A9), Caviar_1 (A3), Celestiallunch_4 (A9), Centaur_5 (A2), Chanagan_2 (A1), Changeling_4 (A2), Chargerpower_5 (A22), Charm_4 (A9), Chartreuse_4 (A6), Che12_4 (A2), ChipMunk_5 (A2), Clarkson_93 (S), CloudWang3_4 (A6), Colin_5 (A2), ConceptII_2 (A1), Conquerage_4 (A9), Cookiedough_4 (A6), Corazon_87 (S), Corvo_2 (A1), Crispicous1_1 (A1), Crucio_5 (A2), Cueylyss_1 (A1), D29_4 (A2), D32_4 (A2), DBQu4n_4 (A2), DD5_2 (A1), DaVinci_4 (A6), Dalmatian_5 (A2), Darrell_4 (A9), DeerParkTS_4 (A2), DekHockey33_4 (A15), Deloris_4 (A2), Dexes_2 (A1), Dignity_5 (A2), Dixon_1 (A8), Doom_1 (A1), Dorothea_4 (A6), DrFeelGood_1 (A1), Drake55_5 (A2), DreamTeam1_4 (A9), Dreamboat_2 (A1), DroogsArmy_1 (A7), DudeLittle_5 (A2),

Dulcie_1 (A1), Duplo_4 (A2), Dussy_2 (A1), Dynamix_2 (A1), EZMoney23_4 (A2), EagleEye_4 (A16), Echid_5 (A2), Edtherson_2 (A1), Eidsmoe_4 (A9), Elephantoon_4 (A9), Elle_4 (A15), EmyBug_4 (A9), EnzoK_1 (A1), Epsocamisio_4 (A15), Equemioh13_5 (A2), EricB_4 (A6), Espresso_2 (A1), Euphoria_2 (A1), EvilGenius_5 (A2), Eyeball_1 (A1), Fameo_5 (A2), Fascinus_1 (A1), Fayely_4 (A9), FeliMaine_92 (S), Fenn_1 (A1), Fibonacci_4 (A11), FiringLine_5 (A2), First_004 (A2), Flare16_5 (A2), Flaverint_4 (A11), Forsytheast_1 (A1), Francis47_2 (A1), Froghopper_2 (A1), GMonster_2 (A1), GageAP_2 (A1), Gail_4 (A14), Gandalf20_2 (A1), GaugeLDP_4 (A2), Georgie2_5 (A2), Gilberta_4 (A11), Giroux_1 (A3), Gladiator_4 (A6), Gompeii16_2 (A1), Graduation_1 (A1), GreedyLawyer_4 (A6), Gruunaga_4 (A6), Gwendoluna_1 (A1), Gyzlar_2 (A1), HINdeR_1 (A7), Hami1_1 (A1), Hammer_4 (A6), HarryHoudini_5 (A2), Heffalump_5 (A2), Helmet_4 (A6), Herbertwm_1 (A2), HermioneGrange_2 (A1), Hexamo_4 (A6), HippoHollow_4 (A2), Homines_2 (A1), Hookmount_1 (A3), Hoot_4 (A6), Hope4ever_1 (A1), HortumSL17_4 (A9), Huphlepuuff_94 (S), Hutc2_4 (A11), ILeeKay_1 (A1), Ichabod_2 (A1), IgnatiusPatJac_1 (A1), Indra_4 (A6), Insomnia_4 (A11), Inyanga_1 (A1), Iqorha_1 (A1), IronMan_4 (A2), Isca_1 (A3), Isiphiwo_4 (A6), Iwokeuplied_5 (A2), JC27_2 (A1), JF2_1 (A3), JF4_1 (A3), JSwag_4 (A15), Jaan_4 (A2), Jabith_4 (A11), JackSparrow_1 (A1), Jasper_2 (A1), Jeeves_4 (A14), Jeffabunny_4 (A6), Jerm2_2 (A1), Jerm_5 (A2), JewelBug_4 (A6), JoieB_93 (S), Jordennis_4 (A6), Jorgensen_2 (A1), Joselito_4 (A11), JoshKayV_5 (A2), Journey13_4 (A2), Jsquared_4 (A2), JuliaChild_2 (A1), KBG_2 (A1), Kalpine_4 (A2), Kanely_3 (A1), KatherineG_4 (A15), Kazan_4 (A6), Kenmech_2 (A1), Kerberos_4 (A2), Keziacharles14_4 (A9), Killigrew_1 (A1), Kimba_4 (A11), Kimona_1 (A19), KingCyrus_5 (A2), Kipper29_4 (A6), Klodlith_4 (A9), Koduck_4 (A2), Koko_4 (A6), KyMonks1A_1 (A1), Kykar_1 (A1), L5_4 (A2), LadyBird_4 (A2), Lambert1_1 (A3), Lamina13_2 (A1), Lander_4 (A2), Larenn_5 (A2), LastResort_4 (A15), Leogania_4 (A2), Lesedi_1 (A1), Levia_1 (A1), Leviathan_5 (A2), Licorice_2 (A1), LilBib_1 (A1), LilTurb_5 (A2), Lilbit_88 (S), Lilbunny_4 (A6), LionsBait_4 (A2), Lockley_2 (A1), Lokk_5 (A2), LoneWolf_4 (A9), Looper_4 (A15), Lopton_2 (A1), Loser_4 (A2), Luchador_4 (A14), Lucivia_4 (A11), Lucyedi_4 (A16), LunarLander_1 (A1), MA5_1 (A3), MK4_1 (A3), MPlant7149_2 (A1), MaCh_4 (A11), Magnar_1 (A1), Makemake_2 (A1), Malec_5 (A2), Maminiaina_4 (A9), Manatee_2 (A1), Marcell_2 (A1), Marchy_2 (A1), Marco3_1 (A1), Marge_1 (A1), Margo_1 (A3), Maroc7_1 (A1), Marvin_86 (S), MaryBeth_2 (A1), McFly_4 (A6), McGuire_2 (A1), MetalQZJ_2 (A1), Michley_1 (A1), MiculUcigas_5 (A2), Miko_5 (A2), MilleFeuille_1 (A1), MinecraftSteve_5 (A15), MissWhite_4 (A2), Mkhuseli_1 (A1), Molly_2 (A1), Moose_1 (A1), Mryolo_1 (A1), Mulciber_4 (A11), Mule_1 (A1), Munch_4 (A11), Museum_3 (A1), Myxus_4 (A9), NEHalo_2 (A1), NaSiaTalie_5 (A2), Naira_1 (A1), Naji_4 (A2), NearlyHeadless_1 (A8), Nebulosus_4 (A15), Nedarya_4 (A15), Neeharika16_4 (A6), Newrala_4 (A6), Nhonho_2 (A1), NicoleTera_4 (A2), Niza_3 (A1), Noella_1 (A3), Norz_2 (A1), Odin_3 (A2), Ohno789_1 (A1), Oofda_4 (A15), Oogway_1 (A1), PSullivan_2 (A1), PacerPaul_2 (A1), PackMan_4 (A9), PainterBoy_4 (A16), Paphu_1 (A1), Paraselene_1 (A1), Pari_2 (A1), Parliament_1 (A1), PascalRango_2 (A1), PattyP_2 (A1), Payneful_2 (A1), Pelly_2 (A1), Pepe_2 (A1), Perseus_1 (A1), Petersenfast_4 (A11), Peterson_1 (A1), Petp2012_2 (A1), Petruccio_2 (A1), Ph8s_4 (A2), Phaded_4 (A2), Phaeder_4 (A9), PherrisBueller_2 (A1), Phillis_1 (A8), PhineBark_1 (A1), Phlippers_1 (A1), Phonnegut_4 (A9), PinkPlastic_1 (A1), Pioneer_4 (A9), Piro94_4 (A2), Pistachio_1 (A3), Pita2_2 (A1), Pmask_4 (A6), Pocahontas_1 (A3), Poise_93 (S), Polyphemus_4 (A6), Pomar16_4 (A2), PowerRanger_1 (A1), Power_5 (A2), Priamo_4 (A6), Pringar_88 (S), Priya_4 (A9), ProMouse_1 (A1), Pukovnik_4 (A2), Puppet_1 (A1), Puppy_1 (A3), QTRLifeCrisis_1 (A1), QueenB2_5 (A2), QueenBeesly_5 (A2), Rachaly_5 (A2), Raela_94 (S), Rahalelujah_4 (A9), Raid_2 (A1), Rajelicia_2 (A1), Ravana_4 (A15),

ReMo_4 (A15), RedRaider77_92 (S), RedRock_4 (A2), Refuge_4 (A12), Remus_4 (A15), ResDef_1 (A3), Retro23_5 (A2), Rhynn_1 (A1), Rifter_4 (A6), Ringer_1 (A1), Roary_1 (A8), Rohr_2 (A1), Roksolana_4 (A6), Rosalind_4 (A15), Rubeus_2 (A1), Rufus_2 (A1), Rutherford_1 (A1), RyeScarlet_5 (A9), STLscum_2 (A1), Sagefire_2 (A1), Saintus_1 (A8), Salz_4 (A11), SarFire_2 (A1), Saskia_4 (A11), Scherzo_4 (A9), Seabiscuit_2 (A1), Seanderson_1 (A1), SemperFi_5 (A2), Serenity_4 (A2), Sham4_4 (A11), ShayRa_5 (A15), SheakKeira_4 (A9), ShortQueendom_1 (A1), Sibs6_2 (A1), SkiPole_2 (A1), Sknot_5 (A2), Slagathor_2 (A1), Smairt_1 (A1), Smeadley_1 (A8), Smeagan_5 (A2), Smeagol_1 (A1), SmellyB_4 (A6), SnapTap_5 (A2), Snape_4 (A11), Snazzy_1 (A1), Solon_1 (A1), SororFago_4 (A14), Sorpresa_1 (A1), Soups_4 (A15), SpikeBT_1 (A1), Spouty_4 (A9), Squee_1 (A1), StarStuff_4 (A2), Steamy_4 (A12), Stephig9_1 (A8), StewieG_1 (A1), StrongArm_1 (A1), Strosahl_4 (A15), Sumter_1 (A1), Sunhee_4 (A14), Sunshine924_1 (A1), SuperAwesome_4 (A6), SuperCallie99_4 (A6), Superchunk_4 (A2), SweetiePie_5 (A2), SwirlSquare_4 (A2), SwissCheese_1 (A1), Switzerland_4 (A15), Swole_2 (A1), TNguyen7_1 (A3), Target_2 (A1), TarsusIV_5 (A2), Tasp14_2 (A1), Temprado_4 (A6), Teodoridan_1 (A1), Terrific_6 (A2), Tesla_88 (S), TheloniousMonk_2 (A1), Thor_2 (A1), Timothy_4 (A11), Timshel_1 (A7), TinyTimmy_4 (A11), TipsytheTRex_4 (A2), Todacoro_1 (A3), Tomathan_4 (A2), Topgun_1 (A1), Tote_2 (A1), Traft412_3 (A1), Travvers_4 (A2), Treddle_2 (A1), Tripl3t_1 (A1), Tristan_4 (A2), Trixie_4 (A2), Trooper_5 (A2), Tubs_4 (A9), Tucker_4 (A6), Turbido_5 (A2), Turj99_1 (A1), TwoPeat_2 (A1), Updawg_5 (A2), VA6_4 (A2), VC3_4 (A2), Vanisoa_4 (A9), VasuNzinga_90 (S), Violet_2 (A1), VohminGhazi_4 (A6), Waits_4 (A15), Warrior24_4 (A15), WeiHuaDA_5 (A2), Whabigail7_5 (A2), Wheeler_2 (A1), Whitspit_2 (A1), WideWale_5 (A2), Wiks_4 (A6), Wilkins_1 (A1), WunderPhul_4 (A6), XianYue_4 (A2), Yecey3_4 (A9), Yokurt_4 (A6), Zaka_4 (A6), Zeeculate_1 (A1), Zephyr_1 (A1), Zeuska_1 (A1), Zulu_4 (A6),

Start 170:

- Found in 3 of 1153 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arianna_54 (EO), Poushou_54 (EO), TouchMeNot_54 (EO),

Start 171:

- Found in 7 of 1153 (0.6%) of genes in pham
- Manual Annotations of this start: 2 of 1094
- Called 28.6% of time when present
- Phage (with cluster) where this start called: Buttrmlkdreams_71 (CT), Horseradish_71 (CT),

Start 172:

- Found in 1 of 1153 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Juicebox_59 (singleton),

Start 173:

- Found in 42 of 1153 (3.6%) of genes in pham
- Manual Annotations of this start: 28 of 1094
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Agatha_71 (CT), Airmid_1 (A5), Amok_68 (CT), Axym_69 (CT), Azira_67 (CT), Burnsey_70 (CT), Button_71 (CT),

Dre3_68 (CT), Emalyn_67 (CT), Fribs8_67 (CT), GoldHunter_71 (CT), HippoPololi_68 (CT), Jamzy_76 (CT), Margaret_75 (CT), MunkgeeRoachy_69 (CT), Nibbles_67 (CT), Nodigi_74 (CT), Orla_75 (CT), RSchmailzl_71 (CT), RanchParmCat_74 (CT), Socotra_72 (CT), Sopespian_68 (CT), Survivors_69 (CT), SweatNTears_71 (CT), Troje_71 (CT), Wolfwood_67 (CT), Yakult_74 (CT), Zareef_67 (CT),

Start 174:

- Found in 27 of 1153 (2.3%) of genes in pham
- Manual Annotations of this start: 26 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abscondus_13 (CQ1), Aphelion_14 (CQ1), Bachita_15 (CQ1), Bantam_8 (DL), BrutonGaster_7 (CQ2), Cardigan_14 (DD), ClubL_14 (CQ1), Cucurbita_13 (CQ1), Culver_13 (CQ1), Daredevil_10 (DL), DatBoi_9 (DL), Dusty_13 (CQ1), Engineer_14 (CQ1), Geeche_13 (CQ1), JonJames_13 (DD), Lozinak_14 (CQ1), Miskis_12 (CQ1), Mollymur_10 (DL), Norvs_14 (CQ1), OneUp_9 (CQ2), PhinkBoden_15 (CQ1), Smoothie_14 (CQ1), SpeedDemon_90 (DL), Toniann_14 (CQ1), Towmatter_9 (DL), WilliamBoone_12 (CQ1), Yvonnestic_14 (DD),

Start 176:

- Found in 2 of 1153 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Farewell_96 (AF), Sparky_95 (AF),

Start 177:

- Found in 1 of 1153 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: NoShow_74 (AB),

Start 178:

- Found in 5 of 1153 (0.4%) of genes in pham
- Manual Annotations of this start: 4 of 1094
- Called 80.0% of time when present
- Phage (with cluster) where this start called: Abrogate_20 (A1), DreamCatcher_2 (A1), Ruotula_2 (A1), Sanya_2 (A1),

Start 179:

- Found in 22 of 1153 (1.9%) of genes in pham
- Manual Annotations of this start: 22 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Angelique_76 (CY1), Apricot_101 (DN3), BearBQ_102 (DN), Birdsong_96 (DN), Bradissa_76 (CY1), BritBrat_98 (CY2), Cashline_76 (CY6), Crater_100 (DN3), EMSquaredA_80 (CY1), EnalisNailo_76 (CY1), Floral_80 (CY1), Jablanski_82 (CY3), Kuwabara_94 (DN4), LonelyBoi_78 (CY7), LunaStella_101 (F4), MortyNRick_97 (DN), Pollux_82 (CY1), Posh_79 (CY4), Pytheas_83 (CY3), Renaud18_112 (F4), TChen_101 (F4), Wrigley_81 (CY4),

Start 181:

- Found in 6 of 1153 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 1094

- Called 50.0% of time when present
- Phage (with cluster) where this start called: 8UZL_67 (AB), FF47_64 (AB), Maco6_63 (AB),

Start 182:

- Found in 51 of 1153 (4.4%) of genes in pham
- Manual Annotations of this start: 4 of 1094
- Called 7.8% of time when present
- Phage (with cluster) where this start called: Bachome_4 (A11), Ebony_4 (A11), LittleLaf_90 (S), Orange_4 (A11),

Start 185:

- Found in 1 of 1153 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Mendokysei_63 (T),

Start 188:

- Found in 26 of 1153 (2.3%) of genes in pham
- No Manual Annotations of this start.
- Called 3.8% of time when present
- Phage (with cluster) where this start called: Jstan_70 (AZ1),

Start 189:

- Found in 6 of 1153 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 50.0% of time when present
- Phage (with cluster) where this start called: LongHai_67 (AB), Muddy_67 (AB), Salvus_67 (AB),

Start 190:

- Found in 5 of 1153 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 20.0% of time when present
- Phage (with cluster) where this start called: Yummy_71 (CT),

Start 191:

- Found in 28 of 1153 (2.4%) of genes in pham
- Manual Annotations of this start: 14 of 1094
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Ashes_63 (AZ5), Beaupre_62 (AZ5), Cappuccino_63 (AZ5), Donkey_63 (AZ5), Gambol_64 (AZ5), Giorgio_62 (AZ5), Gumpizza_62 (AZ5), Halsey_63 (AZ5), Kalimba_63 (AZ5), Moss_63 (AZ5), Mysterium_62 (AZ5), RockScotty_62 (AZ5), Sooty_63 (AZ5), Stuu_63 (AZ5),

Start 192:

- Found in 7 of 1153 (0.6%) of genes in pham
- Manual Annotations of this start: 2 of 1094
- Called 57.1% of time when present
- Phage (with cluster) where this start called: Balloona_71 (CT), CocoaPuff_70 (CT), JacoRen57_63 (AB), Lauer_66 (CT),

Start 194:

- Found in 318 of 1153 (27.6%) of genes in pham
- Manual Annotations of this start: 125 of 1094
- Called 39.6% of time when present
- Phage (with cluster) where this start called: ACFishhook_1 (A3), AbbysRanger_1 (A4), Abdiel_1 (A4), Achebe_1 (A4), Albee_1 (A4), Alberto7_1 (A4), Annyong_1 (A4), Arturo_86 (A4), AvatarAhPeg_1 (A4), Avle17_1 (A4), Baby16_1 (A4), Badger_1 (A4), Bartimeaus_1 (A4), BellusTerra_1 (A4), Blackmoor_1 (A4), Bombshell_1 (A4), Broseidon_1 (A4), Bruiser_1 (A4), BubbleTrouble_1 (A4), Bumblebee11_1 (A4), Camperdownii_1 (A4), CentreCat_1 (A4), Chaph_1 (A4), Cici_1 (A4), Cintron_1 (A4), Citius_1 (A4), Clarenza_1 (A4), Cocoaberry_1 (A4), Connomayer_1 (A4), Croquant_2 (A3), Datway_1 (A4), Deano_1 (A4), Dhanush_1 (A4), DirtyDunning_1 (A4), Druantia_1 (A4), Eapen_1 (A4), Eris_1 (A4), Eros_1 (A4), Eurydice_1 (A4), Florean_1 (A4), Flux_1 (A4), Funston_1 (A4), Gadost_1 (A4), Gwennie_1 (A3), Happiness_1 (A4), Holli_1 (A4), Houdini22_1 (A4), Huxley_1 (A4), ICleared_1 (A4), Iceman_1 (A4), Iracema64_1 (A4), Jaykayelowell_1 (A4), JetBlade_1 (A4), JoongJeon_1 (A4), KFPoly_1 (A4), Kampsy_1 (A4), Katalie136_1 (A4), Kingmustik0402_1 (A4), Koan_1 (A4), Koreni_1 (A4), Kratark_1 (A4), Kremtemulon_1 (A4), Kyee_1 (A4), Lemur_1 (A4), LittleB_1 (A4), LittleGuy_1 (A4), LochMonster_1 (A4), Lorenzo_1 (A4), Lunsford_1 (A4), Maxo_1 (A4), Mayonnaise_1 (A4), Mazhar510_1 (A4), Medusa_1 (A4), Melvin_1 (A4), Millski_1 (A4), Miramae_1 (A4), Morpher26_1 (A4), Morrow_1 (A4), Mundrea_1 (A4), Nebs_1 (A4), Nemo27_1 (A4), Noelle_1 (A4), NorthStar_1 (A4), NotAPhaseMom_1 (A4), Nyxis_1 (A4), OKaNui_1 (A4), Obama12_1 (A4), Ohfah_1 (A4), Palestino_1 (A4), Perplexer_1 (A4), PeterPeter_1 (A4), PetiteSangsue_1 (A4), Phacado_1 (A4), Phighter1804_1 (A4), Phontbonne_1 (A4), Pipcraft_1 (A4), Polymorphads_1 (A4), Pumbaa_1 (A4), Relief_1 (A4), Romney_1 (A4), Roosevelt_1 (A4), Ruin_1 (A4), Sabertooth_1 (A4), Scamp_1 (A4), SenorClean_1 (A4), SheldonCooper_1 (A4), Shygu2_1 (A4), Skipitt_1 (A4), SoYo_1 (A3), Sparxx_1 (A4), SpecialK_63 (A25), Spino_1 (A4), Stasia_1 (A4), SteMason_1 (A4), Sultana_1 (A4), Taquarus_1 (A4), Thanksgivukkah_1 (A4), TinaFeyge_1 (A4), TroyPia_1 (A4), TygerBlood_1 (A4), Wander_1 (A4), Wilbur_1 (A4), Wile_1 (A4), Wizard007_1 (A4), Xena_1 (A4), YoSam321_1 (A4),

Start 201:

- Found in 62 of 1153 (5.4%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 1.6% of time when present
- Phage (with cluster) where this start called: Mabel_4 (A11),

Start 213:

- Found in 325 of 1153 (28.2%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 2.2% of time when present
- Phage (with cluster) where this start called: Agaliana_2 (A1), Blackflame_2 (A1), CatBus_2 (A1), ChristmasHams_2 (A1), Gachnar_2 (A1), HanShotFirst_2 (A1), Sandaddy_1 (A1),

Start 215:

- Found in 157 of 1153 (13.6%) of genes in pham
- Manual Annotations of this start: 1 of 1094
- Called 0.6% of time when present
- Phage (with cluster) where this start called: Elener_66 (singleton),

Summary by clusters:

There are 58 clusters represented in this pham: DN, singleton, BA, DD, DL, DN3, A7, CY1, CY6, A15, A14, A17, A16, A11, A10, A12, AF, A19, A18, A1, BD4, A3, A2, A5, A4, BD3, BD2, A9, BD1, CQ1, CY3, CY2, EO, AB, CY7, EH, AG, CY4, A6, S, T, CQ2, X, UNK, CT, A20, A22, DN4, F4, AZ, A8, BD6, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6,

Info for manual annotations of cluster A1:

- Start number 133 was manually annotated 1 time for cluster A1.
- Start number 145 was manually annotated 3 times for cluster A1.
- Start number 166 was manually annotated 23 times for cluster A1.
- Start number 167 was manually annotated 1 time for cluster A1.
- Start number 169 was manually annotated 189 times for cluster A1.
- Start number 178 was manually annotated 4 times for cluster A1.
- Start number 213 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:

- Start number 160 was manually annotated 15 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 169 was manually annotated 22 times for cluster A11.
- Start number 182 was manually annotated 3 times for cluster A11.
- Start number 201 was manually annotated 1 time for cluster A11.

Info for manual annotations of cluster A12:

- Start number 167 was manually annotated 3 times for cluster A12.
- Start number 169 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 169 was manually annotated 5 times for cluster A14.

Info for manual annotations of cluster A15:

- Start number 169 was manually annotated 25 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 169 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 168 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 169 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 169 was manually annotated 105 times for cluster A2.

Info for manual annotations of cluster A20:

- Start number 167 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:

- Start number 169 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

- Start number 158 was manually annotated 35 times for cluster A3.
- Start number 159 was manually annotated 5 times for cluster A3.
- Start number 167 was manually annotated 46 times for cluster A3.
- Start number 169 was manually annotated 19 times for cluster A3.
- Start number 194 was manually annotated 3 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 155 was manually annotated 2 times for cluster A4.
- Start number 194 was manually annotated 121 times for cluster A4.

Info for manual annotations of cluster A5:

- Start number 164 was manually annotated 26 times for cluster A5.
- Start number 173 was manually annotated 1 time for cluster A5.

Info for manual annotations of cluster A6:

- Start number 169 was manually annotated 47 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 159 was manually annotated 1 time for cluster A7.
- Start number 169 was manually annotated 3 times for cluster A7.

Info for manual annotations of cluster A8:

- Start number 169 was manually annotated 9 times for cluster A8.

Info for manual annotations of cluster A9:

- Start number 140 was manually annotated 1 time for cluster A9.
- Start number 141 was manually annotated 2 times for cluster A9.
- Start number 169 was manually annotated 34 times for cluster A9.

Info for manual annotations of cluster AB:

- Start number 177 was manually annotated 1 time for cluster AB.
- Start number 181 was manually annotated 1 time for cluster AB.
- Start number 189 was manually annotated 1 time for cluster AB.
- Start number 192 was manually annotated 1 time for cluster AB.

Info for manual annotations of cluster AF:

- Start number 176 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AG:

- Start number 161 was manually annotated 2 times for cluster AG.

Info for manual annotations of cluster AZ:

- Start number 165 was manually annotated 1 time for cluster AZ.

Info for manual annotations of cluster AZ1:

- Start number 165 was manually annotated 47 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 165 was manually annotated 4 times for cluster AZ2.

Info for manual annotations of cluster AZ3:

- Start number 165 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:

- Start number 165 was manually annotated 8 times for cluster AZ4.

Info for manual annotations of cluster AZ5:

- Start number 191 was manually annotated 14 times for cluster AZ5.
- Start number 194 was manually annotated 1 time for cluster AZ5.

Info for manual annotations of cluster AZ6:

- Start number 165 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BD1:

- Start number 142 was manually annotated 1 time for cluster BD1.
- Start number 164 was manually annotated 51 times for cluster BD1.

Info for manual annotations of cluster BD2:

- Start number 156 was manually annotated 1 time for cluster BD2.
- Start number 165 was manually annotated 28 times for cluster BD2.

Info for manual annotations of cluster BD3:

- Start number 165 was manually annotated 14 times for cluster BD3.

Info for manual annotations of cluster BD4:

- Start number 165 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster BD6:

- Start number 165 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster CQ1:

- Start number 174 was manually annotated 15 times for cluster CQ1.

Info for manual annotations of cluster CQ2:

- Start number 174 was manually annotated 2 times for cluster CQ2.

Info for manual annotations of cluster CT:

- Start number 152 was manually annotated 1 time for cluster CT.
- Start number 157 was manually annotated 2 times for cluster CT.
- Start number 161 was manually annotated 7 times for cluster CT.
- Start number 171 was manually annotated 2 times for cluster CT.
- Start number 173 was manually annotated 27 times for cluster CT.
- Start number 190 was manually annotated 1 time for cluster CT.
- Start number 192 was manually annotated 1 time for cluster CT.

Info for manual annotations of cluster CY1:

- Start number 179 was manually annotated 6 times for cluster CY1.

Info for manual annotations of cluster CY2:

- Start number 179 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:

- Start number 179 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:

- Start number 179 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY6:

- Start number 179 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:

- Start number 179 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster DD:

- Start number 174 was manually annotated 3 times for cluster DD.

Info for manual annotations of cluster DL:

- Start number 174 was manually annotated 6 times for cluster DL.

Info for manual annotations of cluster DN:

- Start number 179 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN3:

- Start number 179 was manually annotated 2 times for cluster DN3.

Info for manual annotations of cluster DN4:

- Start number 179 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster EH:

- Start number 165 was manually annotated 14 times for cluster EH.

Info for manual annotations of cluster EO:

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

Info for manual annotations of cluster F4:

- Start number 179 was manually annotated 3 times for cluster F4.

Info for manual annotations of cluster S:

- Start number 168 was manually annotated 3 times for cluster S.
- Start number 169 was manually annotated 16 times for cluster S.
- Start number 182 was manually annotated 1 time for cluster S.

Info for manual annotations of cluster T:

- Start number 86 was manually annotated 6 times for cluster T.
- Start number 185 was manually annotated 1 time for cluster T.

Info for manual annotations of cluster UNK:

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

Info for manual annotations of cluster X:

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

Gene Information:

Gene: 20ES_4 Start: 2483, Stop: 2779, Start Num: 169

Candidate Starts for 20ES_4:

(Start: 169 @2483 has 481 MA's),

Gene: 40AC_5 Start: 2296, Stop: 2592, Start Num: 169

Candidate Starts for 40AC_5:

(Start: 169 @2296 has 481 MA's), (212, 2413),

Gene: 8UZL_67 Start: 46153, Stop: 46452, Start Num: 181

Candidate Starts for 8UZL_67:

(129, 46051), (Start: 181 @46153 has 1 MA's), (Start: 189 @46180 has 1 MA's), (207, 46231), (218, 46288), (237, 46384),

Gene: ACFishhook_1 Start: 596, Stop: 823, Start Num: 194

Candidate Starts for ACFishhook_1:

(Start: 158 @521 has 38 MA's), (Start: 167 @530 has 51 MA's), (Start: 194 @596 has 125 MA's),

Gene: AEgle_67 Start: 42706, Stop: 43008, Start Num: 165

Candidate Starts for AEgle_67:

(Start: 165 @42706 has 129 MA's), (188, 42757), (Start: 194 @42772 has 125 MA's), (210, 42823), (226, 42898), (247, 42997),

Gene: AFIS_1 Start: 572, Stop: 895, Start Num: 145

Candidate Starts for AFIS_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 182 @632 has 4 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: AN3_4 Start: 2464, Stop: 2760, Start Num: 169

Candidate Starts for AN3_4:

(Start: 169 @2464 has 481 MA's), (Start: 213 @2587 has 1 MA's),

Gene: AN9_4 Start: 2344, Stop: 2640, Start Num: 169

Candidate Starts for AN9_4:

(Start: 169 @2344 has 481 MA's),

Gene: ANI8_4 Start: 2344, Stop: 2640, Start Num: 169

Candidate Starts for ANI8_4:

(Start: 169 @2344 has 481 MA's),

Gene: Aaronocolus_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Aaronocolus_2:

(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: AbbyPaige_5 Start: 2538, Stop: 2834, Start Num: 169

Candidate Starts for AbbyPaige_5:

(Start: 169 @2538 has 481 MA's), (Start: 213 @2661 has 1 MA's),

Gene: AbbysRanger_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for AbbysRanger_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Abbyshoes_2 Start: 758, Stop: 1054, Start Num: 169

Candidate Starts for Abbyshoes_2:

(Start: 169 @758 has 481 MA's), (Start: 213 @881 has 1 MA's), (225, 935), (233, 971), (242, 1007),

Gene: Abdiel_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Abdiel_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Abrogate_20 Start: 1334, Stop: 1624, Start Num: 178

Candidate Starts for Abrogate_20:

(19, 899), (36, 1016), (88, 1172), (94, 1181), (95, 1184), (Start: 178 @1334 has 4 MA's), (187, 1361), (233, 1541), (242, 1577),

Gene: Abscondus_13 Start: 3104, Stop: 3412, Start Num: 174

Candidate Starts for Abscondus_13:

(Start: 145 @3074 has 3 MA's), (Start: 174 @3104 has 26 MA's), (240, 3368),

Gene: AceofSpades_68 Start: 43114, Stop: 43479, Start Num: 165

Candidate Starts for AceofSpades_68:

(Start: 165 @43114 has 129 MA's), (Start: 191 @43183 has 14 MA's), (Start: 194 @43189 has 125 MA's), (243, 43384), (247, 43414), (251, 43426),

Gene: Achebe_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for Achebe_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Acme_2 Start: 781, Stop: 1089, Start Num: 166

Candidate Starts for Acme_2:

(Start: 166 @781 has 23 MA's), (Start: 213 @904 has 1 MA's), (233, 994), (242, 1030),

Gene: Acolyte_4 Start: 2122, Stop: 2418, Start Num: 169

Candidate Starts for Acolyte_4:

(Start: 169 @2122 has 481 MA's),

Gene: Adahisdi_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for Adahisdi_1:

(127, 537), (Start: 145 @573 has 3 MA's), (Start: 152 @582 has 1 MA's), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: Adolin_71 Start: 42654, Stop: 42956, Start Num: 165

Candidate Starts for Adolin_71:

(Start: 165 @42654 has 129 MA's), (210, 42771), (226, 42846), (247, 42945),

Gene: Adumb2043_68 Start: 42731, Stop: 43033, Start Num: 165

Candidate Starts for Adumb2043_68:

(Start: 165 @42731 has 129 MA's), (188, 42782), (Start: 194 @42797 has 125 MA's), (210, 42848), (226, 42923), (247, 43022),

Gene: Adzzy_4 Start: 2160, Stop: 2456, Start Num: 169

Candidate Starts for Adzzy_4:

(Start: 169 @2160 has 481 MA's), (222, 2328), (229, 2355),

Gene: Aeneas_1 Start: 595, Stop: 891, Start Num: 169

Candidate Starts for Aeneas_1:

(127, 532), (Start: 145 @568 has 3 MA's), (Start: 152 @577 has 1 MA's), (Start: 164 @592 has 77 MA's), (Start: 169 @595 has 481 MA's), (Start: 213 @718 has 1 MA's), (233, 808), (242, 844),

Gene: Agaliana_2 Start: 958, Stop: 1131, Start Num: 213

Candidate Starts for Agaliana_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: Agape74_5 Start: 2538, Stop: 2834, Start Num: 169

Candidate Starts for Agape74_5:

(Start: 169 @2538 has 481 MA's), (Start: 213 @2661 has 1 MA's),

Gene: Agatha_71 Start: 46233, Stop: 46523, Start Num: 173

Candidate Starts for Agatha_71:

(Start: 157 @46212 has 2 MA's), (Start: 173 @46233 has 28 MA's), (211, 46332),

Gene: AgentM_1 Start: 504, Stop: 803, Start Num: 164

Candidate Starts for AgentM_1:

(66, 372), (Start: 164 @504 has 77 MA's), (208, 612), (223, 684), (239, 753), (249, 798),

Gene: Aglet_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Aglet_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: AgronaGT15_1 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for AgronaGT15_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Airmid_1 Start: 517, Stop: 801, Start Num: 173

Candidate Starts for Airmid_1:

(Start: 164 @502 has 77 MA's), (Start: 173 @517 has 28 MA's), (208, 610), (239, 751), (249, 796),

Gene: Ajay_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Ajay_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 164 @593 has 77 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Albee_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Albee_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Alberto7_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Alberto7_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Aldrich_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for Aldrich_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Aliter_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Aliter_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Alma_4 Start: 2333, Stop: 2626, Start Num: 169

Candidate Starts for Alma_4:

(Start: 141 @2306 has 2 MA's), (Start: 169 @2333 has 481 MA's), (208, 2435), (Start: 213 @2453 has 1 MA's),

Gene: Alsaber_3 Start: 970, Stop: 1284, Start Num: 165

Candidate Starts for Alsaber_3:

(Start: 157 @964 has 2 MA's), (Start: 165 @970 has 129 MA's), (Start: 194 @1039 has 125 MA's), (Start: 215 @1114 has 1 MA's), (222, 1147),

Gene: Alsfro_2 Start: 778, Stop: 1083, Start Num: 169

Candidate Starts for Alsfro_2:

(154, 763), (Start: 169 @778 has 481 MA's), (Start: 213 @901 has 1 MA's), (225, 955), (233, 991), (242, 1027),

Gene: Altman_3 Start: 1297, Stop: 1593, Start Num: 169

Candidate Starts for Altman_3:

(Start: 133 @1249 has 1 MA's), (Start: 169 @1297 has 481 MA's), (Start: 213 @1420 has 1 MA's), (233, 1510), (242, 1546),

Gene: Alvin_3 Start: 1213, Stop: 1509, Start Num: 169

Candidate Starts for Alvin_3:

(Start: 169 @1213 has 481 MA's), (Start: 213 @1336 has 1 MA's), (225, 1390), (233, 1426), (242, 1462),

Gene: Alvy_3 Start: 740, Stop: 1054, Start Num: 165

Candidate Starts for Alvy_3:

(Start: 165 @740 has 129 MA's), (Start: 215 @884 has 1 MA's),

Gene: Amethyst_2 Start: 650, Stop: 964, Start Num: 165

Candidate Starts for Amethyst_2:

(Start: 156 @641 has 1 MA's), (Start: 165 @650 has 129 MA's), (206, 755), (Start: 215 @794 has 1 MA's), (222, 827),

Gene: Amok_68 Start: 44983, Stop: 45258, Start Num: 173

Candidate Starts for Amok_68:

(Start: 171 @44980 has 2 MA's), (Start: 173 @44983 has 28 MA's), (Start: 215 @45088 has 1 MA's),

Gene: Amploria_70 Start: 42910, Stop: 43212, Start Num: 165

Candidate Starts for Amploria_70:

(Start: 165 @42910 has 129 MA's), (188, 42961), (Start: 194 @42976 has 125 MA's), (210, 43027), (226, 43102), (247, 43201),

Gene: Amyev_68 Start: 43916, Stop: 44218, Start Num: 165

Candidate Starts for Amyev_68:

(Start: 165 @43916 has 129 MA's), (Start: 194 @43982 has 125 MA's), (210, 44033), (223, 44099), (247, 44207),

Gene: Anaysia_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Anaysia_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Andris_2 Start: 682, Stop: 996, Start Num: 165

Candidate Starts for Andris_2:

(Start: 165 @682 has 129 MA's), (Start: 215 @826 has 1 MA's), (222, 859),

Gene: Aneem_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Aneem_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Angelique_76 Start: 50625, Stop: 50915, Start Num: 179

Candidate Starts for Angelique_76:

(9, 50097), (14, 50157), (16, 50160), (22, 50208), (32, 50289), (38, 50322), (50, 50376), (55, 50388), (120, 50526), (Start: 179 @50625 has 22 MA's),

Gene: Anglerfish_2 Start: 747, Stop: 1043, Start Num: 169

Candidate Starts for Anglerfish_2:

(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: Animus_3 Start: 1027, Stop: 1341, Start Num: 165

Candidate Starts for Animus_3:

(Start: 165 @1027 has 129 MA's), (Start: 194 @1096 has 125 MA's), (Start: 215 @1171 has 1 MA's),

Gene: AnnaL29_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for AnnaL29_4:

(Start: 169 @2278 has 481 MA's), (Start: 213 @2401 has 1 MA's),

Gene: Annyong_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Annyong_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Anon_4 Start: 2182, Stop: 2478, Start Num: 169

Candidate Starts for Anon_4:

(Start: 169 @2182 has 481 MA's), (Start: 215 @2317 has 1 MA's),

Gene: Anselm_5 Start: 2674, Stop: 2970, Start Num: 169

Candidate Starts for Anselm_5:

(Start: 169 @2674 has 481 MA's), (Start: 213 @2797 has 1 MA's),

Gene: Anthony_1 Start: 406, Stop: 699, Start Num: 167

Candidate Starts for Anthony_1:

(Start: 167 @406 has 51 MA's),

Gene: Anubis_3 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Anubis_3:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Aphelion_14 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Aphelion_14:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: Applejack_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Applejack_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Apricot_101 Start: 51816, Stop: 52109, Start Num: 179

Candidate Starts for Apricot_101:
(96, 51666), (Start: 179 @51816 has 22 MA's),

Gene: Aragog_1 Start: 534, Stop: 833, Start Num: 164
Candidate Starts for Aragog_1:
(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: Arcanine_2 Start: 750, Stop: 1046, Start Num: 169
Candidate Starts for Arcanine_2:
(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: ArcherNM_4 Start: 2293, Stop: 2589, Start Num: 169
Candidate Starts for ArcherNM_4:
(Start: 169 @2293 has 481 MA's),

Gene: Archetta_1 Start: 534, Stop: 833, Start Num: 164
Candidate Starts for Archetta_1:
(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: Arianna_54 Start: 40153, Stop: 40458, Start Num: 170
Candidate Starts for Arianna_54:
(Start: 170 @40153 has 3 MA's), (197, 40228), (204, 40249), (222, 40330),

Gene: Arissanae_4 Start: 2121, Stop: 2414, Start Num: 169
Candidate Starts for Arissanae_4:
(Start: 169 @2121 has 481 MA's), (208, 2223), (Start: 213 @2241 has 1 MA's),

Gene: Arlo_2 Start: 747, Stop: 1043, Start Num: 169
Candidate Starts for Arlo_2:
(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: Artemis2UCLA_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Artemis2UCLA_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Arturo_86 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Arturo_86:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Asa16_69 Start: 43233, Stop: 43535, Start Num: 165
Candidate Starts for Asa16_69:
(Start: 165 @43233 has 129 MA's), (188, 43284), (Start: 194 @43299 has 125 MA's), (210, 43350), (226, 43425), (247, 43524),

Gene: Ascela_71 Start: 43822, Stop: 44124, Start Num: 165
Candidate Starts for Ascela_71:
(Start: 165 @43822 has 129 MA's), (Start: 194 @43888 has 125 MA's), (210, 43939), (226, 44014), (247, 44113),

Gene: Ashballer_1 Start: 598, Stop: 894, Start Num: 169
Candidate Starts for Ashballer_1:
(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Ashes_63 Start: 39865, Stop: 40107, Start Num: 191

Candidate Starts for Ashes_63:

(Start: 165 @39805 has 129 MA's), (Start: 191 @39865 has 14 MA's), (Start: 194 @39871 has 125 MA's),

Gene: Asten_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for Asten_2:

(69, 588), (85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (217, 882),

Gene: Astro_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for Astro_1:

(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: Atkinbua_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Atkinbua_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Attoomi_53 Start: 41445, Stop: 41750, Start Num: 165

Candidate Starts for Attoomi_53:

(Start: 165 @41445 has 129 MA's), (Start: 201 @41532 has 1 MA's), (203, 41538), (Start: 213 @41577 has 1 MA's), (Start: 215 @41589 has 1 MA's),

Gene: AugsMagnumOpus_3 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for AugsMagnumOpus_3:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: AvatarAhPeg_1 Start: 535, Stop: 762, Start Num: 194

Candidate Starts for AvatarAhPeg_1:

(101, 355), (Start: 194 @535 has 125 MA's), (242, 721),

Gene: Avle17_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Avle17_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Axiom_3 Start: 679, Stop: 993, Start Num: 165

Candidate Starts for Axiom_3:

(Start: 165 @679 has 129 MA's), (Start: 215 @823 has 1 MA's),

Gene: Axym_69 Start: 46163, Stop: 46453, Start Num: 173

Candidate Starts for Axym_69:

(Start: 157 @46142 has 2 MA's), (Start: 173 @46163 has 28 MA's), (211, 46262),

Gene: Ayanochan_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Ayanochan_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Azira_67 Start: 45015, Stop: 45332, Start Num: 173

Candidate Starts for Azira_67:

(Start: 173 @45015 has 28 MA's), (217, 45153), (231, 45222),

Gene: BABullseye_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for BABullseye_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: BPBiebs31_2 Start: 832, Stop: 1128, Start Num: 169
Candidate Starts for BPBiebs31_2:
(Start: 133 @784 has 1 MA's), (Start: 169 @832 has 481 MA's), (Start: 213 @955 has 1 MA's), (233, 1045), (242, 1081),

Gene: Baby16_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Baby16_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: BabyBack_4 Start: 2096, Stop: 2392, Start Num: 169
Candidate Starts for BabyBack_4:
(Start: 169 @2096 has 481 MA's),

Gene: BabyRay_1 Start: 458, Stop: 754, Start Num: 169
Candidate Starts for BabyRay_1:
(153, 449), (Start: 169 @458 has 481 MA's), (Start: 215 @593 has 1 MA's),

Gene: Bachita_15 Start: 3780, Stop: 4088, Start Num: 174
Candidate Starts for Bachita_15:
(Start: 145 @3750 has 3 MA's), (Start: 174 @3780 has 26 MA's), (240, 4044),

Gene: Bachome_4 Start: 2386, Stop: 2649, Start Num: 182
Candidate Starts for Bachome_4:
(Start: 169 @2353 has 481 MA's), (Start: 182 @2386 has 4 MA's), (Start: 201 @2443 has 1 MA's), (249, 2644),

Gene: BaconJack_2 Start: 750, Stop: 1046, Start Num: 169
Candidate Starts for BaconJack_2:
(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Bactobuster_4 Start: 2106, Stop: 2402, Start Num: 169
Candidate Starts for Bactobuster_4:
(Start: 169 @2106 has 481 MA's), (204, 2205), (229, 2301),

Gene: Badger_1 Start: 543, Stop: 770, Start Num: 194
Candidate Starts for Badger_1:
(Start: 194 @543 has 125 MA's), (Start: 215 @609 has 1 MA's), (242, 729),

Gene: Baehexic_5 Start: 2625, Stop: 2921, Start Num: 169
Candidate Starts for Baehexic_5:
(63, 2424), (Start: 169 @2625 has 481 MA's),

Gene: Balloona_71 Start: 47653, Stop: 47916, Start Num: 192
Candidate Starts for Balloona_71:
(Start: 152 @47563 has 1 MA's), (Start: 161 @47575 has 9 MA's), (175, 47599), (Start: 192 @47653 has 2 MA's), (203, 47686), (231, 47812),

Gene: Bantam_8 Start: 4561, Stop: 4869, Start Num: 174
Candidate Starts for Bantam_8:

(Start: 165 @4546 has 129 MA's), (Start: 174 @4561 has 26 MA's), (197, 4633), (216, 4699),

Gene: Barnstormer_77 Start: 46434, Stop: 46733, Start Num: 165

Candidate Starts for Barnstormer_77:

(132, 46389), (Start: 165 @46434 has 129 MA's), (207, 46542), (210, 46551),

Gene: Barriga_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for Barriga_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: BarrowTuph_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for BarrowTuph_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 164 @595 has 77 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: BarryBee_3 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for BarryBee_3:

(69, 588), (85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (217, 882),

Gene: BartholomewSD_3 Start: 740, Stop: 1054, Start Num: 165

Candidate Starts for BartholomewSD_3:

(Start: 165 @740 has 129 MA's), (Start: 215 @884 has 1 MA's),

Gene: Bartimeaus_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Bartimeaus_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Battleship_5 Start: 2425, Stop: 2721, Start Num: 169

Candidate Starts for Battleship_5:

(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: BearBQ_102 Start: 54695, Stop: 54988, Start Num: 179

Candidate Starts for BearBQ_102:

(82, 54524), (Start: 179 @54695 has 22 MA's),

Gene: BeardedLady_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for BeardedLady_2:

(Start: 164 @739 has 77 MA's), (217, 895),

Gene: Beatrix_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Beatrix_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 164 @596 has 77 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Beaupre_62 Start: 39675, Stop: 39917, Start Num: 191

Candidate Starts for Beaupre_62:

(Start: 165 @39615 has 129 MA's), (Start: 191 @39675 has 14 MA's), (Start: 194 @39681 has 125 MA's),

Gene: Beauxregard13_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Beauxregard13_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Beelzebub_96 Start: 49193, Stop: 49519, Start Num: 169

Candidate Starts for Beelzebub_96:

(163, 49187), (Start: 169 @49193 has 481 MA's), (Start: 182 @49235 has 4 MA's), (199, 49280), (214, 49340), (224, 49400), (238, 49460),

Gene: Beemo_4 Start: 2336, Stop: 2629, Start Num: 169

Candidate Starts for Beemo_4:

(Start: 141 @2309 has 2 MA's), (Start: 169 @2336 has 481 MA's), (208, 2438), (Start: 213 @2456 has 1 MA's),

Gene: BeesKnees_2 Start: 751, Stop: 1047, Start Num: 169

Candidate Starts for BeesKnees_2:

(Start: 169 @751 has 481 MA's), (Start: 213 @874 has 1 MA's), (225, 928), (233, 964), (242, 1000),

Gene: Bellris_4 Start: 2102, Stop: 2395, Start Num: 169

Candidate Starts for Bellris_4:

(Start: 169 @2102 has 481 MA's), (208, 2204), (Start: 213 @2222 has 1 MA's),

Gene: BellusTerra_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for BellusTerra_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Benedict_1 Start: 503, Stop: 802, Start Num: 164

Candidate Starts for Benedict_1:

(Start: 164 @503 has 77 MA's), (Start: 173 @518 has 28 MA's), (208, 611), (239, 752), (249, 797),

Gene: BengiVuitton_4 Start: 2325, Stop: 2621, Start Num: 169

Candidate Starts for BengiVuitton_4:

(Start: 169 @2325 has 481 MA's), (Start: 213 @2448 has 1 MA's),

Gene: BennyP_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for BennyP_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Benvolio_5 Start: 2672, Stop: 2968, Start Num: 169

Candidate Starts for Benvolio_5:

(Start: 169 @2672 has 481 MA's), (Start: 213 @2795 has 1 MA's),

Gene: Bernal13_59 Start: 40895, Stop: 41194, Start Num: 86

Candidate Starts for Bernal13_59:

(Start: 86 @40895 has 6 MA's), (217, 41018),

Gene: Berrie_69 Start: 43434, Stop: 43736, Start Num: 165

Candidate Starts for Berrie_69:

(Start: 165 @43434 has 129 MA's), (Start: 194 @43500 has 125 MA's), (210, 43551), (226, 43626), (247, 43725),

Gene: Bethlehem_2 Start: 748, Stop: 1044, Start Num: 166

Candidate Starts for Bethlehem_2:

(Start: 166 @748 has 23 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Bexan_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Bexan_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 164 @596 has 77 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: BiancaTri92_4 Start: 2316, Stop: 2612, Start Num: 169

Candidate Starts for BiancaTri92_4:

(Start: 169 @2316 has 481 MA's), (212, 2433),

Gene: Big3_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Big3_1:

(Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: BigMau_3 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for BigMau_3:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: BigPaolini_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for BigPaolini_1:

(Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Bigchungi_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Bigchungi_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Bigfoot_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Bigfoot_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: BillKnuckles_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for BillKnuckles_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Bircsak_2 Start: 835, Stop: 1131, Start Num: 169

Candidate Starts for Bircsak_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: Birdsong_96 Start: 52683, Stop: 52976, Start Num: 179

Candidate Starts for Birdsong_96:

(82, 52512), (Start: 179 @52683 has 22 MA's),

Gene: Blackbeetle_93 Start: 48691, Stop: 49017, Start Num: 169

Candidate Starts for Blackbeetle_93:

(148, 48664), (Start: 169 @48691 has 481 MA's), (Start: 182 @48733 has 4 MA's), (199, 48778), (214, 48838), (224, 48898), (238, 48958),

Gene: Blackflame_2 Start: 840, Stop: 1013, Start Num: 213

Candidate Starts for Blackflame_2:

(Start: 169 @717 has 481 MA's), (Start: 213 @840 has 1 MA's), (233, 930), (242, 966),

Gene: Blackmoor_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Blackmoor_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: BlessJoy_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for BlessJoy_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Blessor_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Blessor_1:

(Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 164 @594 has 77 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Blinn1_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Blinn1_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: BluSpix_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for BluSpix_1:

(Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 164 @594 has 77 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Blue_3 Start: 1232, Stop: 1528, Start Num: 169

Candidate Starts for Blue_3:

(154, 1217), (Start: 169 @1232 has 481 MA's), (Start: 213 @1355 has 1 MA's), (233, 1445), (242, 1481),

Gene: Blue7_4 Start: 2132, Stop: 2428, Start Num: 169

Candidate Starts for Blue7_4:

(Start: 169 @2132 has 481 MA's), (Start: 215 @2267 has 1 MA's),

Gene: BlueBird_1 Start: 420, Stop: 716, Start Num: 169

Candidate Starts for BlueBird_1:

(Start: 169 @420 has 481 MA's), (Start: 215 @555 has 1 MA's),

Gene: Bob3_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Bob3_2:

(Start: 169 @748 has 481 MA's), (233, 961), (242, 997),

Gene: BobSwaget_5 Start: 2538, Stop: 2834, Start Num: 169

Candidate Starts for BobSwaget_5:

(Start: 169 @2538 has 481 MA's),

Gene: BogosyJay_4 Start: 2102, Stop: 2395, Start Num: 169

Candidate Starts for BogosyJay_4:

(Start: 169 @2102 has 481 MA's), (208, 2204), (Start: 213 @2222 has 1 MA's),

Gene: Bombshell_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Bombshell_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Bones_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Bones_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Boohoo_4 Start: 2278, Stop: 2574, Start Num: 169
Candidate Starts for Boohoo_4:
(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Bovely_2 Start: 740, Stop: 1054, Start Num: 164
Candidate Starts for Bovely_2:
(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Bowden_2 Start: 639, Stop: 953, Start Num: 165
Candidate Starts for Bowden_2:
(Start: 165 @639 has 129 MA's), (Start: 215 @783 has 1 MA's),

Gene: Bowtie_4 Start: 2356, Stop: 2652, Start Num: 169
Candidate Starts for Bowtie_4:
(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Bradissa_76 Start: 51528, Stop: 51818, Start Num: 179
Candidate Starts for Bradissa_76:
(Start: 179 @51528 has 22 MA's),

Gene: BreSam8_1 Start: 518, Stop: 820, Start Num: 158
Candidate Starts for BreSam8_1:
(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: BritBrat_98 Start: 55168, Stop: 55455, Start Num: 179
Candidate Starts for BritBrat_98:
(110, 55045), (139, 55111), (144, 55117), (Start: 179 @55168 has 22 MA's),

Gene: Briton15_2 Start: 748, Stop: 1044, Start Num: 169
Candidate Starts for Briton15_2:
(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (225, 925), (233, 961), (242, 997),

Gene: BroPlease_1 Start: 591, Stop: 905, Start Num: 165
Candidate Starts for BroPlease_1:
(Start: 165 @591 has 129 MA's), (209, 708), (Start: 215 @735 has 1 MA's), (237, 837), (252, 900),

Gene: Broseidon_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Broseidon_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Bruiser_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Bruiser_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Bruns_1 Start: 596, Stop: 892, Start Num: 169
Candidate Starts for Bruns_1:
(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (225, 773), (233, 809), (242, 845),

Gene: BrutonGaster_7 Start: 1661, Stop: 1969, Start Num: 174
Candidate Starts for BrutonGaster_7:
(105, 1544), (135, 1613), (Start: 174 @1661 has 26 MA's), (222, 1835), (230, 1871), (240, 1925), (247, 1961),

Gene: BryanRecycles_2 Start: 746, Stop: 1060, Start Num: 164
Candidate Starts for BryanRecycles_2:
(114, 668), (Start: 164 @746 has 77 MA's), (217, 902),

Gene: Bubble_70 Start: 46197, Stop: 46508, Start Num: 157
Candidate Starts for Bubble_70:
(Start: 157 @46197 has 2 MA's), (Start: 173 @46218 has 28 MA's), (211, 46317),

Gene: BubbleTrouble_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for BubbleTrouble_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Bud_4 Start: 2362, Stop: 2658, Start Num: 169
Candidate Starts for Bud_4:
(Start: 169 @2362 has 481 MA's), (Start: 182 @2395 has 4 MA's), (Start: 201 @2452 has 1 MA's), (249, 2653),

Gene: Bugsy_5 Start: 2549, Stop: 2845, Start Num: 169
Candidate Starts for Bugsy_5:
(Start: 169 @2549 has 481 MA's), (Start: 213 @2672 has 1 MA's),

Gene: Bumblebee11_1 Start: 542, Stop: 769, Start Num: 194
Candidate Starts for Bumblebee11_1:
(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Burnsey_70 Start: 45875, Stop: 46165, Start Num: 173
Candidate Starts for Burnsey_70:
(Start: 157 @45854 has 2 MA's), (Start: 173 @45875 has 28 MA's), (211, 45974),

Gene: Burton_2 Start: 750, Stop: 1046, Start Num: 169
Candidate Starts for Burton_2:
(Start: 169 @750 has 481 MA's), (233, 963), (242, 999),

Gene: Button_71 Start: 45762, Stop: 46070, Start Num: 173
Candidate Starts for Button_71:
(128, 45687), (Start: 152 @45732 has 1 MA's), (Start: 169 @45753 has 481 MA's), (Start: 173 @45762 has 28 MA's), (187, 45807), (200, 45846), (211, 45876), (217, 45909), (226, 45960),

Gene: Buttons_2 Start: 748, Stop: 1044, Start Num: 166
Candidate Starts for Buttons_2:
(Start: 166 @748 has 23 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Buttrmlkdreams_71 Start: 45701, Stop: 45979, Start Num: 171
Candidate Starts for Buttrmlkdreams_71:
(Start: 171 @45701 has 2 MA's), (Start: 173 @45704 has 28 MA's), (186, 45746), (Start: 190 @45758 has 1 MA's), (195, 45770), (217, 45821), (221, 45848), (222, 45851),

Gene: Bxb1_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Bxb1_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Bxz2_1 Start: 537, Stop: 830, Start Num: 167

Candidate Starts for Bxz2_1:

(Start: 158 @528 has 38 MA's), (Start: 167 @537 has 51 MA's), (Start: 194 @603 has 125 MA's),

Gene: C3_04 Start: 2344, Stop: 2640, Start Num: 169

Candidate Starts for C3_04:

(Start: 169 @2344 has 481 MA's),

Gene: CRB1_4 Start: 2473, Stop: 2769, Start Num: 169

Candidate Starts for CRB1_4:

(Start: 169 @2473 has 481 MA's), (Start: 213 @2596 has 1 MA's),

Gene: CactusRose_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for CactusRose_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Caelum_3 Start: 669, Stop: 983, Start Num: 165

Candidate Starts for Caelum_3:

(150, 651), (Start: 156 @660 has 1 MA's), (Start: 165 @669 has 129 MA's), (Start: 215 @813 has 1 MA's), (222, 846),

Gene: Caitlin_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for Caitlin_1:

(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: Caliburn_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for Caliburn_2:

(Start: 164 @739 has 77 MA's), (217, 895),

Gene: Calvinny_1 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for Calvinny_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Camperdownii_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Camperdownii_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Cappuccino_63 Start: 39745, Stop: 39987, Start Num: 191

Candidate Starts for Cappuccino_63:

(Start: 165 @39685 has 129 MA's), (Start: 191 @39745 has 14 MA's), (Start: 194 @39751 has 125 MA's),

Gene: Caprice_92 Start: 48629, Stop: 48955, Start Num: 169

Candidate Starts for Caprice_92:

(148, 48602), (Start: 169 @48629 has 481 MA's), (Start: 182 @48671 has 4 MA's), (199, 48716), (214, 48776), (224, 48836), (238, 48896),

Gene: Cardigan_14 Start: 3818, Stop: 4126, Start Num: 174

Candidate Starts for Cardigan_14:

(Start: 174 @3818 has 26 MA's), (222, 3992), (226, 4010), (231, 4031),

Gene: Carlyle_2 Start: 778, Stop: 1074, Start Num: 169

Candidate Starts for Carlyle_2:

(154, 763), (Start: 169 @778 has 481 MA's), (Start: 213 @901 has 1 MA's), (225, 955), (233, 991), (242, 1027),

Gene: Caron_82 Start: 47300, Stop: 47599, Start Num: 165

Candidate Starts for Caron_82:

(6, 46730), (8, 46799), (11, 46829), (25, 46961), (28, 46979), (56, 47102), (143, 47273), (Start: 165 @47300 has 129 MA's), (207, 47408), (210, 47417),

Gene: Cashline_76 Start: 52028, Stop: 52315, Start Num: 179

Candidate Starts for Cashline_76:

(46, 51776), (110, 51905), (139, 51971), (144, 51977), (149, 51983), (Start: 179 @52028 has 22 MA's), (186, 52058),

Gene: Cassia_68 Start: 43117, Stop: 43419, Start Num: 165

Candidate Starts for Cassia_68:

(Start: 165 @43117 has 129 MA's), (Start: 194 @43183 has 125 MA's), (226, 43309), (247, 43408),

Gene: CatBus_2 Start: 873, Stop: 1046, Start Num: 213

Candidate Starts for CatBus_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Catalina_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Catalina_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Caviar_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for Caviar_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Celery_4 Start: 962, Stop: 1276, Start Num: 165

Candidate Starts for Celery_4:

(70, 803), (72, 812), (97, 854), (103, 860), (Start: 157 @956 has 2 MA's), (Start: 165 @962 has 129 MA's), (Start: 194 @1031 has 125 MA's), (Start: 215 @1106 has 1 MA's), (222, 1139),

Gene: Celeste_2 Start: 725, Stop: 1036, Start Num: 164

Candidate Starts for Celeste_2:

(67, 581), (69, 590), (Start: 164 @725 has 77 MA's), (196, 797), (205, 827), (Start: 213 @854 has 1 MA's),

Gene: Celestiallunch_4 Start: 2105, Stop: 2398, Start Num: 169

Candidate Starts for Celestiallunch_4:

(Start: 169 @2105 has 481 MA's), (208, 2207), (Start: 213 @2225 has 1 MA's),

Gene: Celia_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for Celia_2:

(Start: 165 @744 has 129 MA's), (Start: 215 @888 has 1 MA's),

Gene: Centaur_5 Start: 2621, Stop: 2917, Start Num: 169

Candidate Starts for Centaur_5:

(63, 2420), (Start: 169 @2621 has 481 MA's),

Gene: CentreCat_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for CentreCat_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Cerulean_1 Start: 461, Stop: 763, Start Num: 155

Candidate Starts for Cerulean_1:

(Start: 155 @461 has 2 MA's), (Start: 194 @536 has 125 MA's), (242, 722),

Gene: Chadwick_1 Start: 501, Stop: 800, Start Num: 164

Candidate Starts for Chadwick_1:

(Start: 164 @501 has 77 MA's), (Start: 173 @516 has 28 MA's), (208, 609), (239, 750), (249, 795),

Gene: Chanagan_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for Chanagan_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: Changeling_4 Start: 2293, Stop: 2589, Start Num: 169

Candidate Starts for Changeling_4:

(Start: 169 @2293 has 481 MA's),

Gene: Chaph_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Chaph_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Chargerpower_5 Start: 2445, Stop: 2744, Start Num: 169

Candidate Starts for Chargerpower_5:

(Start: 169 @2445 has 481 MA's),

Gene: Charm_4 Start: 2108, Stop: 2401, Start Num: 169

Candidate Starts for Charm_4:

(Start: 169 @2108 has 481 MA's), (Start: 201 @2195 has 1 MA's), (208, 2210), (Start: 213 @2228 has 1 MA's),

Gene: Chartreuse_4 Start: 2144, Stop: 2440, Start Num: 169

Candidate Starts for Chartreuse_4:

(Start: 169 @2144 has 481 MA's), (Start: 215 @2279 has 1 MA's),

Gene: Che12_4 Start: 2115, Stop: 2411, Start Num: 169

Candidate Starts for Che12_4:

(Start: 169 @2115 has 481 MA's),

Gene: ChipMunk_5 Start: 2559, Stop: 2855, Start Num: 169

Candidate Starts for ChipMunk_5:

(Start: 169 @2559 has 481 MA's), (Start: 213 @2682 has 1 MA's),

Gene: ChristmasHams_2 Start: 958, Stop: 1131, Start Num: 213

Candidate Starts for ChristmasHams_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: Chucky_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for Chucky_2:

(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (217, 883),

Gene: Chupacabra_1 Start: 460, Stop: 756, Start Num: 160

Candidate Starts for Chupacabra_1:

(Start: 160 @460 has 15 MA's),

Gene: Ciao_1 Start: 598, Stop: 906, Start Num: 166

Candidate Starts for Ciao_1:

(128, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 166 @598 has 23 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Cici_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for Cici_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Cintron_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Cintron_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Citius_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Citius_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Clarenza_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Clarenza_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Clarkson_93 Start: 48873, Stop: 49199, Start Num: 169

Candidate Starts for Clarkson_93:

(163, 48867), (Start: 169 @48873 has 481 MA's), (Start: 182 @48915 has 4 MA's), (199, 48960), (214, 49020), (224, 49080), (238, 49140),

Gene: CloudWang3_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for CloudWang3_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: ClownCar_1 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for ClownCar_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: ClubL_14 Start: 3280, Stop: 3588, Start Num: 174

Candidate Starts for ClubL_14:

(Start: 145 @3250 has 3 MA's), (Start: 174 @3280 has 26 MA's), (240, 3544),

Gene: CocoaPuff_70 Start: 46933, Stop: 47196, Start Num: 192

Candidate Starts for CocoaPuff_70:

(Start: 152 @46843 has 1 MA's), (Start: 161 @46855 has 9 MA's), (175, 46879), (Start: 192 @46933 has 2 MA's), (203, 46966), (231, 47092),

Gene: Cocoaberry_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Cocoaberry_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Colbster_1 Start: 517, Stop: 819, Start Num: 158
Candidate Starts for Colbster_1:
(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Colin_5 Start: 2440, Stop: 2736, Start Num: 169
Candidate Starts for Colin_5:
(Start: 169 @2440 has 481 MA's), (Start: 213 @2563 has 1 MA's),

Gene: Community_70 Start: 43720, Stop: 44022, Start Num: 165
Candidate Starts for Community_70:
(Start: 165 @43720 has 129 MA's), (Start: 194 @43786 has 125 MA's), (210, 43837), (226, 43912), (247, 44011),

Gene: Conan_4 Start: 975, Stop: 1289, Start Num: 165
Candidate Starts for Conan_4:
(70, 822), (89, 855), (93, 861), (97, 867), (Start: 157 @969 has 2 MA's), (Start: 165 @975 has 129 MA's), (Start: 194 @1044 has 125 MA's), (Start: 215 @1119 has 1 MA's), (222, 1152),

Gene: ConceptII_2 Start: 835, Stop: 1131, Start Num: 169
Candidate Starts for ConceptII_2:
(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: Connomayer_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Connomayer_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Conquerage_4 Start: 2332, Stop: 2625, Start Num: 169
Candidate Starts for Conquerage_4:
(Start: 141 @2305 has 2 MA's), (Start: 169 @2332 has 481 MA's), (208, 2434), (Start: 213 @2452 has 1 MA's),

Gene: Conspiracy_1 Start: 535, Stop: 834, Start Num: 164
Candidate Starts for Conspiracy_1:
(Start: 164 @535 has 77 MA's), (208, 643), (223, 715), (239, 784), (249, 829),

Gene: Coog_1 Start: 503, Stop: 802, Start Num: 164
Candidate Starts for Coog_1:
(65, 368), (Start: 164 @503 has 77 MA's), (208, 611), (223, 683), (239, 752), (249, 797),

Gene: Cookiedough_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Cookiedough_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Corazon_87 Start: 49067, Stop: 49393, Start Num: 169
Candidate Starts for Corazon_87:
(163, 49061), (Start: 169 @49067 has 481 MA's), (Start: 182 @49109 has 4 MA's), (199, 49154), (214, 49214), (224, 49274), (238, 49334),

Gene: Corvo_2 Start: 751, Stop: 1047, Start Num: 169

Candidate Starts for Corvo_2:

(Start: 169 @751 has 481 MA's), (Start: 213 @874 has 1 MA's), (233, 964), (242, 1000),

Gene: Crater_100 Start: 52160, Stop: 52453, Start Num: 179

Candidate Starts for Crater_100:

(96, 52010), (Start: 179 @52160 has 22 MA's),

Gene: Crewmate_74 Start: 43978, Stop: 44280, Start Num: 165

Candidate Starts for Crewmate_74:

(Start: 165 @43978 has 129 MA's), (226, 44170), (247, 44269),

Gene: Crispicous1_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Crispicous1_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Croquant_2 Start: 592, Stop: 819, Start Num: 194

Candidate Starts for Croquant_2:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Crucio_5 Start: 2567, Stop: 2863, Start Num: 169

Candidate Starts for Crucio_5:

(Start: 169 @2567 has 481 MA's), (Start: 213 @2690 has 1 MA's),

Gene: Cuco_1 Start: 533, Stop: 832, Start Num: 164

Candidate Starts for Cuco_1:

(66, 371), (Start: 164 @533 has 77 MA's), (208, 641), (223, 713), (239, 782), (249, 827),

Gene: Cucurbita_13 Start: 3280, Stop: 3588, Start Num: 174

Candidate Starts for Cucurbita_13:

(Start: 145 @3250 has 3 MA's), (Start: 174 @3280 has 26 MA's), (240, 3544),

Gene: Cueylyss_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Cueylyss_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Cullens_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for Cullens_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Culver_13 Start: 3104, Stop: 3412, Start Num: 174

Candidate Starts for Culver_13:

(Start: 145 @3074 has 3 MA's), (Start: 174 @3104 has 26 MA's), (240, 3368),

Gene: Cyan_70 Start: 43301, Stop: 43603, Start Num: 165

Candidate Starts for Cyan_70:

(Start: 165 @43301 has 129 MA's), (188, 43352), (Start: 194 @43367 has 125 MA's), (210, 43418), (226, 43493), (247, 43592),

Gene: D29_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for D29_4:

(Start: 169 @2345 has 481 MA's),

Gene: D32_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for D32_4:

(Start: 169 @2345 has 481 MA's),

Gene: DBQu4n_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for DBQu4n_4:

(Start: 169 @2345 has 481 MA's),

Gene: DD5_2 Start: 739, Stop: 1035, Start Num: 169

Candidate Starts for DD5_2:

(Start: 169 @739 has 481 MA's), (Start: 213 @862 has 1 MA's), (225, 916), (233, 952), (242, 988),

Gene: DaHudson_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for DaHudson_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: DaVinci_4 Start: 2144, Stop: 2440, Start Num: 169

Candidate Starts for DaVinci_4:

(Start: 169 @2144 has 481 MA's), (Start: 215 @2279 has 1 MA's),

Gene: Daishi_1 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for Daishi_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Dalmatian_5 Start: 2671, Stop: 2967, Start Num: 169

Candidate Starts for Dalmatian_5:

(Start: 169 @2671 has 481 MA's), (Start: 213 @2794 has 1 MA's),

Gene: Danzina_2 Start: 679, Stop: 1011, Start Num: 142

Candidate Starts for Danzina_2:

(1, 34), (3, 43), (4, 70), (7, 142), (31, 406), (41, 466), (47, 490), (53, 499), (125, 649), (Start: 142 @679 has 1 MA's), (Start: 164 @700 has 77 MA's), (203, 796), (205, 802), (Start: 213 @829 has 1 MA's), (226, 892),

Gene: Daredevil_10 Start: 3047, Stop: 3349, Start Num: 174

Candidate Starts for Daredevil_10:

(Start: 174 @3047 has 26 MA's), (193, 3104), (Start: 194 @3107 has 125 MA's), (222, 3215),

Gene: Darrell_4 Start: 2217, Stop: 2510, Start Num: 169

Candidate Starts for Darrell_4:

(Start: 169 @2217 has 481 MA's), (208, 2319), (Start: 213 @2337 has 1 MA's),

Gene: DarthPhader_4 Start: 2246, Stop: 2542, Start Num: 167

Candidate Starts for DarthPhader_4:

(Start: 167 @2246 has 51 MA's),

Gene: DatBoi_9 Start: 5103, Stop: 5411, Start Num: 174

Candidate Starts for DatBoi_9:

(96, 4968), (118, 5004), (Start: 174 @5103 has 26 MA's), (197, 5175), (247, 5400),

Gene: Dattran_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Dattran_2:

(69, 588), (Start: 164 @723 has 77 MA's), (196, 795), (205, 825), (Start: 213 @852 has 1 MA's), (226, 915),

Gene: Datway_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for Datway_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Deano_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Deano_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: DeerParkTS_4 Start: 2259, Stop: 2555, Start Num: 169

Candidate Starts for DeerParkTS_4:

(Start: 169 @2259 has 481 MA's),

Gene: DekHockey33_4 Start: 2425, Stop: 2721, Start Num: 169

Candidate Starts for DekHockey33_4:

(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: Deloris_4 Start: 2325, Stop: 2621, Start Num: 169

Candidate Starts for Deloris_4:

(Start: 169 @2325 has 481 MA's), (Start: 213 @2448 has 1 MA's),

Gene: Dexes_2 Start: 782, Stop: 1078, Start Num: 169

Candidate Starts for Dexes_2:

(Start: 169 @782 has 481 MA's), (Start: 213 @905 has 1 MA's), (233, 995), (242, 1031),

Gene: Dhanush_1 Start: 537, Stop: 764, Start Num: 194

Candidate Starts for Dhanush_1:

(Start: 194 @537 has 125 MA's), (242, 723),

Gene: Diane_2 Start: 652, Stop: 966, Start Num: 165

Candidate Starts for Diane_2:

(Start: 156 @643 has 1 MA's), (Start: 165 @652 has 129 MA's), (Start: 215 @796 has 1 MA's), (222, 829),

Gene: Dieselweasel_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for Dieselweasel_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Dignity_5 Start: 2547, Stop: 2843, Start Num: 169

Candidate Starts for Dignity_5:

(Start: 169 @2547 has 481 MA's), (Start: 213 @2670 has 1 MA's),

Gene: DirtDevil_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for DirtDevil_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: DirtyDunning_1 Start: 536, Stop: 763, Start Num: 194

Candidate Starts for DirtyDunning_1:

(Start: 194 @536 has 125 MA's), (242, 722),

Gene: Discoknowium_1 Start: 534, Stop: 833, Start Num: 164

Candidate Starts for Discoknowium_1:

(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: Dixon_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for Dixon_1:

(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: Donkey_63 Start: 39735, Stop: 39977, Start Num: 191

Candidate Starts for Donkey_63:

(Start: 165 @39675 has 129 MA's), (Start: 191 @39735 has 14 MA's), (Start: 194 @39741 has 125 MA's),

Gene: Doom_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Doom_1:

(Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Dorothea_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Dorothea_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: DrFeelGood_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for DrFeelGood_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: DrManhattan_72 Start: 42208, Stop: 42510, Start Num: 165

Candidate Starts for DrManhattan_72:

(Start: 165 @42208 has 129 MA's), (210, 42325), (226, 42400), (247, 42499),

Gene: DrSierra_66 Start: 42253, Stop: 42555, Start Num: 165

Candidate Starts for DrSierra_66:

(Start: 165 @42253 has 129 MA's), (Start: 194 @42319 has 125 MA's), (210, 42370), (226, 42445), (247, 42544),

Gene: Drake55_5 Start: 2627, Stop: 2923, Start Num: 169

Candidate Starts for Drake55_5:

(63, 2426), (Start: 169 @2627 has 481 MA's),

Gene: Drake94_1 Start: 472, Stop: 768, Start Num: 160

Candidate Starts for Drake94_1:

(45, 247), (Start: 160 @472 has 15 MA's), (Start: 215 @607 has 1 MA's),

Gene: Dre3_68 Start: 45474, Stop: 45806, Start Num: 173

Candidate Starts for Dre3_68:

(162, 45456), (Start: 173 @45474 has 28 MA's),

Gene: DreamCatcher_2 Start: 1332, Stop: 1622, Start Num: 178

Candidate Starts for DreamCatcher_2:

(19, 897), (36, 1014), (88, 1170), (94, 1179), (95, 1182), (Start: 178 @1332 has 4 MA's), (187, 1359), (233, 1539), (242, 1575),

Gene: DreamTeam1_4 Start: 2108, Stop: 2401, Start Num: 169

Candidate Starts for DreamTeam1_4:

(Start: 169 @2108 has 481 MA's), (Start: 201 @2195 has 1 MA's), (208, 2210), (Start: 213 @2228 has 1 MA's),

Gene: Dreamboat_2 Start: 863, Stop: 1171, Start Num: 169

Candidate Starts for Dreamboat_2:

(Start: 133 @815 has 1 MA's), (Start: 169 @863 has 481 MA's), (Start: 213 @986 has 1 MA's), (233, 1076), (242, 1112),

Gene: DroogsArmy_1 Start: 408, Stop: 704, Start Num: 169

Candidate Starts for DroogsArmy_1:

(106, 297), (Start: 169 @408 has 481 MA's), (239, 654), (246, 672),

Gene: DropBear_1 Start: 416, Stop: 712, Start Num: 159

Candidate Starts for DropBear_1:

(91, 293), (153, 410), (Start: 159 @416 has 6 MA's), (Start: 215 @551 has 1 MA's),

Gene: Druantia_1 Start: 539, Stop: 766, Start Num: 194

Candidate Starts for Druantia_1:

(Start: 194 @539 has 125 MA's), (242, 725),

Gene: DudeLittle_5 Start: 2671, Stop: 2967, Start Num: 169

Candidate Starts for DudeLittle_5:

(Start: 169 @2671 has 481 MA's), (Start: 213 @2794 has 1 MA's),

Gene: Dulcie_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Dulcie_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (242, 845),

Gene: Duplo_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for Duplo_4:

(Start: 169 @2345 has 481 MA's),

Gene: Dussy_2 Start: 758, Stop: 1054, Start Num: 169

Candidate Starts for Dussy_2:

(Start: 169 @758 has 481 MA's), (Start: 213 @881 has 1 MA's), (225, 935), (233, 971), (242, 1007),

Gene: Dusty_13 Start: 3104, Stop: 3412, Start Num: 174

Candidate Starts for Dusty_13:

(Start: 145 @3074 has 3 MA's), (Start: 174 @3104 has 26 MA's), (240, 3368),

Gene: Dwayne_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for Dwayne_2:

(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (217, 883),

Gene: Dynamix_2 Start: 747, Stop: 1043, Start Num: 169

Candidate Starts for Dynamix_2:

(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: EMSquaredA_80 Start: 50168, Stop: 50458, Start Num: 179

Candidate Starts for EMSquaredA_80:

(10, 49655), (26, 49805), (27, 49814), (30, 49841), (33, 49859), (39, 49883), (50, 49922), (55, 49934), (57, 49937), (120, 50072), (Start: 179 @50168 has 22 MA's),

Gene: EZMoney23_4 Start: 2295, Stop: 2591, Start Num: 169
Candidate Starts for EZMoney23_4:
(Start: 169 @2295 has 481 MA's),

Gene: EagleEye_4 Start: 2125, Stop: 2418, Start Num: 169
Candidate Starts for EagleEye_4:
(Start: 169 @2125 has 481 MA's), (Start: 194 @2191 has 125 MA's), (208, 2227), (Start: 213 @2245 has 1 MA's), (Start: 215 @2257 has 1 MA's),

Gene: Eaglepride_1 Start: 473, Stop: 769, Start Num: 160
Candidate Starts for Eaglepride_1:
(111, 386), (Start: 160 @473 has 15 MA's),

Gene: Eapen_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Eapen_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Ebony_4 Start: 2395, Stop: 2658, Start Num: 182
Candidate Starts for Ebony_4:
(Start: 169 @2362 has 481 MA's), (Start: 182 @2395 has 4 MA's), (Start: 201 @2452 has 1 MA's), (249, 2653),

Gene: Echild_5 Start: 2672, Stop: 2968, Start Num: 169
Candidate Starts for Echild_5:
(Start: 169 @2672 has 481 MA's), (Start: 213 @2795 has 1 MA's),

Gene: Eddasa_2 Start: 746, Stop: 1060, Start Num: 164
Candidate Starts for Eddasa_2:
(114, 668), (Start: 164 @746 has 77 MA's), (217, 902),

Gene: Edison31_1 Start: 464, Stop: 760, Start Num: 160
Candidate Starts for Edison31_1:
(Start: 160 @464 has 15 MA's),

Gene: Edtherson_2 Start: 749, Stop: 1045, Start Num: 169
Candidate Starts for Edtherson_2:
(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: Eidsmoe_4 Start: 2332, Stop: 2625, Start Num: 169
Candidate Starts for Eidsmoe_4:
(Start: 141 @2305 has 2 MA's), (Start: 169 @2332 has 481 MA's), (208, 2434), (Start: 213 @2452 has 1 MA's),

Gene: Ejemplo_2 Start: 730, Stop: 1041, Start Num: 164
Candidate Starts for Ejemplo_2:
(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (205, 832), (Start: 213 @859 has 1 MA's), (226, 922),

Gene: ElGato_4 Start: 978, Stop: 1292, Start Num: 165
Candidate Starts for ElGato_4:

(70, 825), (89, 858), (93, 864), (97, 870), (Start: 157 @972 has 2 MA's), (Start: 165 @978 has 129 MA's), (Start: 194 @1047 has 125 MA's), (Start: 215 @1122 has 1 MA's), (222, 1155),

Gene: ElTiger69_1 Start: 502, Stop: 801, Start Num: 164

Candidate Starts for ElTiger69_1:

(Start: 164 @502 has 77 MA's), (Start: 173 @517 has 28 MA's), (208, 610), (239, 751), (249, 796),

Gene: Elener_66 Start: 39019, Stop: 39270, Start Num: 215

Candidate Starts for Elener_66:

(87, 38734), (147, 38851), (Start: 169 @38878 has 481 MA's), (184, 38926), (Start: 201 @38974 has 1 MA's), (Start: 215 @39019 has 1 MA's), (219, 39043), (227, 39073), (234, 39112), (236, 39118), (254, 39241),

Gene: Elephantoon_4 Start: 2095, Stop: 2388, Start Num: 169

Candidate Starts for Elephantoon_4:

(Start: 169 @2095 has 481 MA's), (208, 2197), (Start: 213 @2215 has 1 MA's),

Gene: Elezi_68 Start: 43103, Stop: 43405, Start Num: 165

Candidate Starts for Elezi_68:

(Start: 165 @43103 has 129 MA's), (188, 43154), (Start: 194 @43169 has 125 MA's), (210, 43220), (226, 43295), (247, 43394),

Gene: Elinal_76 Start: 48006, Stop: 48332, Start Num: 161

Candidate Starts for Elinal_76:

(Start: 152 @47994 has 1 MA's), (Start: 161 @48006 has 9 MA's), (175, 48030), (Start: 192 @48084 has 2 MA's), (203, 48111), (231, 48231),

Gene: Elle_4 Start: 2141, Stop: 2437, Start Num: 169

Candidate Starts for Elle_4:

(94, 2009), (Start: 169 @2141 has 481 MA's), (Start: 201 @2231 has 1 MA's), (Start: 215 @2276 has 1 MA's),

Gene: Emaanora_3 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for Emaanora_3:

(69, 588), (85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (217, 882),

Gene: Emalyn_67 Start: 43687, Stop: 43962, Start Num: 173

Candidate Starts for Emalyn_67:

(Start: 171 @43684 has 2 MA's), (Start: 173 @43687 has 28 MA's), (Start: 215 @43792 has 1 MA's),

Gene: Emotion_74 Start: 44679, Stop: 45029, Start Num: 165

Candidate Starts for Emotion_74:

(Start: 165 @44679 has 129 MA's), (247, 44970),

Gene: EmyBug_4 Start: 2332, Stop: 2625, Start Num: 169

Candidate Starts for EmyBug_4:

(Start: 141 @2305 has 2 MA's), (Start: 169 @2332 has 481 MA's), (208, 2434), (Start: 213 @2452 has 1 MA's),

Gene: EnalisNailo_76 Start: 50668, Stop: 50958, Start Num: 179

Candidate Starts for EnalisNailo_76:

(32, 50335), (50, 50422), (55, 50434), (57, 50437), (120, 50572), (Start: 179 @50668 has 22 MA's),

Gene: Engineer_14 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Engineer_14:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: EnochSoames_2 Start: 742, Stop: 1056, Start Num: 165

Candidate Starts for EnochSoames_2:

(69, 613), (Start: 156 @733 has 1 MA's), (Start: 165 @742 has 129 MA's), (217, 898),

Gene: EnzoK_1 Start: 607, Stop: 903, Start Num: 169

Candidate Starts for EnzoK_1:

(Start: 169 @607 has 481 MA's), (Start: 213 @730 has 1 MA's), (242, 856),

Gene: EpicPhail_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for EpicPhail_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Epsocamisio_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Epsocamisio_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Equemioh13_5 Start: 2624, Stop: 2920, Start Num: 169

Candidate Starts for Equemioh13_5:

(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Eraser_69 Start: 43240, Stop: 43542, Start Num: 165

Candidate Starts for Eraser_69:

(Start: 165 @43240 has 129 MA's), (188, 43291), (Start: 194 @43306 has 125 MA's), (210, 43357), (226, 43432), (247, 43531),

Gene: EricB_4 Start: 2144, Stop: 2440, Start Num: 169

Candidate Starts for EricB_4:

(Start: 169 @2144 has 481 MA's), (Start: 215 @2279 has 1 MA's),

Gene: Eris_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Eris_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Eros_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Eros_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Esperer_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Esperer_2:

(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Espresso_2 Start: 832, Stop: 1128, Start Num: 169

Candidate Starts for Espresso_2:

(Start: 133 @784 has 1 MA's), (Start: 169 @832 has 481 MA's), (Start: 213 @955 has 1 MA's), (225, 1009), (233, 1045), (242, 1081),

Gene: Euphoria_2 Start: 736, Stop: 1032, Start Num: 169

Candidate Starts for Euphoria_2:

(Start: 169 @736 has 481 MA's), (Start: 213 @859 has 1 MA's), (225, 913), (233, 949), (242, 985),

Gene: Eurydice_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Eurydice_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: EvilGenius_5 Start: 2559, Stop: 2855, Start Num: 169

Candidate Starts for EvilGenius_5:

(Start: 169 @2559 has 481 MA's), (Start: 213 @2682 has 1 MA's),

Gene: Exile_60 Start: 43770, Stop: 44069, Start Num: 165

Candidate Starts for Exile_60:

(83, 43632), (Start: 165 @43770 has 129 MA's), (Start: 194 @43836 has 125 MA's), (210, 43887), (247, 44061),

Gene: ExplosioNervosa_4 Start: 2308, Stop: 2628, Start Num: 141

Candidate Starts for ExplosioNervosa_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Eyeball_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Eyeball_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: FF47_64 Start: 46067, Stop: 46366, Start Num: 181

Candidate Starts for FF47_64:

(129, 45965), (Start: 181 @46067 has 1 MA's), (Start: 189 @46094 has 1 MA's), (207, 46145), (218, 46202), (237, 46298),

Gene: Fajezeel_2 Start: 749, Stop: 1057, Start Num: 166

Candidate Starts for Fajezeel_2:

(Start: 166 @749 has 23 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: Fameo_5 Start: 2671, Stop: 2967, Start Num: 169

Candidate Starts for Fameo_5:

(Start: 169 @2671 has 481 MA's), (Start: 213 @2794 has 1 MA's),

Gene: Farber_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Farber_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Farewell_96 Start: 61361, Stop: 61663, Start Num: 176

Candidate Starts for Farewell_96:

(61, 61136), (108, 61232), (122, 61265), (136, 61301), (139, 61307), (Start: 176 @61361 has 2 MA's), (186, 61394), (253, 61652),

Gene: Fascinus_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Fascinus_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Fayely_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Fayely_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: FeliMaine_92 Start: 49115, Stop: 49441, Start Num: 169

Candidate Starts for FeliMaine_92:

(163, 49109), (Start: 169 @49115 has 481 MA's), (Start: 182 @49157 has 4 MA's), (199, 49202), (214, 49262), (224, 49322), (238, 49382),

Gene: Fenn_1 Start: 606, Stop: 902, Start Num: 169

Candidate Starts for Fenn_1:

(127, 543), (Start: 145 @579 has 3 MA's), (Start: 152 @588 has 1 MA's), (Start: 169 @606 has 481 MA's), (Start: 213 @729 has 1 MA's), (225, 783), (233, 819), (242, 855),

Gene: Fernando_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Fernando_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Fibonacci_4 Start: 2359, Stop: 2655, Start Num: 169

Candidate Starts for Fibonacci_4:

(Start: 169 @2359 has 481 MA's), (Start: 182 @2392 has 4 MA's), (Start: 201 @2449 has 1 MA's), (249, 2650),

Gene: FiringLine_5 Start: 2568, Stop: 2864, Start Num: 169

Candidate Starts for FiringLine_5:

(Start: 169 @2568 has 481 MA's), (Start: 213 @2691 has 1 MA's),

Gene: First_004 Start: 2483, Stop: 2779, Start Num: 169

Candidate Starts for First_004:

(Start: 169 @2483 has 481 MA's),

Gene: Flare16_5 Start: 2624, Stop: 2920, Start Num: 169

Candidate Starts for Flare16_5:

(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Flaverint_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Flaverint_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Floof_81 Start: 48040, Stop: 48342, Start Num: 165

Candidate Starts for Floof_81:

(60, 47851), (100, 47941), (130, 47998), (Start: 165 @48040 has 129 MA's), (Start: 194 @48106 has 125 MA's), (Start: 215 @48181 has 1 MA's), (217, 48193),

Gene: Floral_80 Start: 52125, Stop: 52415, Start Num: 179

Candidate Starts for Floral_80:

(10, 51612), (26, 51762), (27, 51771), (30, 51798), (33, 51816), (39, 51840), (50, 51879), (55, 51891), (57, 51894), (120, 52029), (Start: 179 @52125 has 22 MA's),

Gene: Florean_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Florean_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Flutur_69 Start: 43582, Stop: 43884, Start Num: 165

Candidate Starts for Flutur_69:

(Start: 165 @43582 has 129 MA's), (188, 43633), (Start: 194 @43648 has 125 MA's), (210, 43699), (226, 43774), (247, 43873),

Gene: Flux_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Flux_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: FlyCatcher_1 Start: 396, Stop: 692, Start Num: 159

Candidate Starts for FlyCatcher_1:

(108, 300), (Start: 159 @396 has 6 MA's), (239, 642),

Gene: Footloose_71 Start: 39222, Stop: 39524, Start Num: 165

Candidate Starts for Footloose_71:

(Start: 165 @39222 has 129 MA's), (Start: 194 @39288 has 125 MA's), (222, 39393), (230, 39429),

Gene: ForGetIt_1 Start: 561, Stop: 860, Start Num: 164

Candidate Starts for ForGetIt_1:

(66, 372), (Start: 164 @561 has 77 MA's), (208, 669), (223, 741), (239, 810), (249, 855),

Gene: Forester_71 Start: 47373, Stop: 47675, Start Num: 165

Candidate Starts for Forester_71:

(Start: 165 @47373 has 129 MA's),

Gene: Forsytheast_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Forsytheast_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (225, 773), (233, 809), (242, 845),

Gene: Francis47_2 Start: 835, Stop: 1131, Start Num: 169

Candidate Starts for Francis47_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: Fred313_1 Start: 416, Stop: 712, Start Num: 159

Candidate Starts for Fred313_1:

(91, 293), (153, 410), (Start: 159 @416 has 6 MA's), (Start: 215 @551 has 1 MA's),

Gene: Fribs8_67 Start: 45643, Stop: 45981, Start Num: 173

Candidate Starts for Fribs8_67:

(Start: 173 @45643 has 28 MA's), (217, 45781), (231, 45850),

Gene: Froghopper_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for Froghopper_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: Funston_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Funston_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Fushigi_2 Start: 748, Stop: 1044, Start Num: 166

Candidate Starts for Fushigi_2:

(Start: 166 @748 has 23 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: GMonster_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for GMonster_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Gachnar_2 Start: 892, Stop: 1065, Start Num: 213

Candidate Starts for Gachnar_2:

(154, 754), (Start: 169 @769 has 481 MA's), (Start: 213 @892 has 1 MA's), (225, 946), (233, 982), (242, 1018),

Gene: Gadost_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Gadost_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: GageAP_2 Start: 986, Stop: 1282, Start Num: 169

Candidate Starts for GageAP_2:

(Start: 169 @986 has 481 MA's), (Start: 213 @1109 has 1 MA's), (233, 1199), (242, 1235),

Gene: Gaia_169 Start: 83930, Stop: 84226, Start Num: 158

Candidate Starts for Gaia_169:

(Start: 158 @83930 has 38 MA's), (180, 83975), (184, 83987), (202, 84041), (211, 84062), (214, 84077), (223, 84116), (226, 84125), (228, 84131),

Gene: Gail_4 Start: 2396, Stop: 2692, Start Num: 169

Candidate Starts for Gail_4:

(Start: 169 @2396 has 481 MA's), (207, 2498), (210, 2507), (212, 2513),

Gene: Gambol_64 Start: 39755, Stop: 39997, Start Num: 191

Candidate Starts for Gambol_64:

(Start: 165 @39695 has 129 MA's), (Start: 191 @39755 has 14 MA's), (Start: 194 @39761 has 125 MA's),

Gene: Gandalf20_2 Start: 843, Stop: 1139, Start Num: 169

Candidate Starts for Gandalf20_2:

(Start: 133 @795 has 1 MA's), (Start: 169 @843 has 481 MA's), (Start: 213 @966 has 1 MA's), (225, 1020), (233, 1056), (242, 1092),

Gene: GardenState_76 Start: 44995, Stop: 45294, Start Num: 165

Candidate Starts for GardenState_76:

(146, 44971), (Start: 165 @44995 has 129 MA's),

Gene: Gattaca_91 Start: 49103, Stop: 49429, Start Num: 168

Candidate Starts for Gattaca_91:

(Start: 168 @49103 has 4 MA's), (Start: 182 @49145 has 4 MA's), (199, 49190), (214, 49250), (224, 49310), (238, 49370),

Gene: GaugeLDP_4 Start: 2092, Stop: 2388, Start Num: 169

Candidate Starts for GaugeLDP_4:

(Start: 169 @2092 has 481 MA's),

Gene: Geeche_13 Start: 3085, Stop: 3393, Start Num: 174

Candidate Starts for Geeche_13:

(Start: 145 @3055 has 3 MA's), (Start: 174 @3085 has 26 MA's), (240, 3349),

Gene: Gemma_1 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for Gemma_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Georgie2_5 Start: 2570, Stop: 2866, Start Num: 169

Candidate Starts for Georgie2_5:

(Start: 169 @2570 has 481 MA's), (Start: 213 @2693 has 1 MA's),

Gene: GiKK_75 Start: 47115, Stop: 47441, Start Num: 152

Candidate Starts for GiKK_75:

(128, 47070), (Start: 152 @47115 has 1 MA's), (Start: 169 @47136 has 481 MA's), (Start: 173 @47145 has 28 MA's), (187, 47190), (200, 47229), (205, 47244), (216, 47277), (219, 47304), (225, 47328), (226, 47331),

Gene: Gilberta_4 Start: 2353, Stop: 2649, Start Num: 169

Candidate Starts for Gilberta_4:

(Start: 169 @2353 has 481 MA's), (Start: 182 @2386 has 4 MA's), (Start: 201 @2443 has 1 MA's), (249, 2644),

Gene: GingkoMaracino_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for GingkoMaracino_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Giorgio_62 Start: 39658, Stop: 39900, Start Num: 191

Candidate Starts for Giorgio_62:

(Start: 165 @39598 has 129 MA's), (Start: 191 @39658 has 14 MA's), (Start: 194 @39664 has 125 MA's),

Gene: GirlDinner_2 Start: 690, Stop: 1004, Start Num: 165

Candidate Starts for GirlDinner_2:

(Start: 165 @690 has 129 MA's), (Start: 194 @759 has 125 MA's), (Start: 215 @834 has 1 MA's),

Gene: Giroux_1 Start: 420, Stop: 716, Start Num: 169

Candidate Starts for Giroux_1:

(Start: 169 @420 has 481 MA's), (Start: 215 @555 has 1 MA's),

Gene: Gladiator_4 Start: 2133, Stop: 2429, Start Num: 169

Candidate Starts for Gladiator_4:

(Start: 169 @2133 has 481 MA's), (Start: 215 @2268 has 1 MA's),

Gene: Goby_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Goby_2:

(69, 588), (Start: 164 @723 has 77 MA's), (196, 795), (205, 825), (Start: 213 @852 has 1 MA's), (226, 915),

Gene: GoldHunter_71 Start: 46279, Stop: 46569, Start Num: 173

Candidate Starts for GoldHunter_71:

(Start: 157 @46258 has 2 MA's), (Start: 173 @46279 has 28 MA's), (211, 46378),

Gene: Gompeii16_2 Start: 835, Stop: 1131, Start Num: 169

Candidate Starts for Gompeii16_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: GoongGoong_93 Start: 48909, Stop: 49235, Start Num: 168

Candidate Starts for GoongGoong_93:

(Start: 168 @48909 has 4 MA's), (Start: 182 @48951 has 4 MA's), (199, 48996), (214, 49056), (224, 49116), (238, 49176),

Gene: Goose_1 Start: 462, Stop: 758, Start Num: 160

Candidate Starts for Goose_1:

(Start: 160 @462 has 15 MA's),

Gene: Graduation_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Graduation_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 164 @595 has 77 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: GrecoEtereo_2 Start: 749, Stop: 1057, Start Num: 166

Candidate Starts for GrecoEtereo_2:

(Start: 166 @749 has 23 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: GreedyLawyer_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for GreedyLawyer_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: GreenWeasel_1 Start: 591, Stop: 905, Start Num: 165

Candidate Starts for GreenWeasel_1:

(Start: 165 @591 has 129 MA's), (209, 708), (Start: 215 @735 has 1 MA's), (237, 837), (252, 900),

Gene: Greg_2 Start: 749, Stop: 1057, Start Num: 166

Candidate Starts for Greg_2:

(Start: 166 @749 has 23 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: Gretchen_74 Start: 47033, Stop: 47335, Start Num: 165

Candidate Starts for Gretchen_74:

(Start: 165 @47033 has 129 MA's), (Start: 194 @47099 has 125 MA's), (210, 47150), (Start: 215 @47174 has 1 MA's),

Gene: Grif_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Grif_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: GroundGoblin_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for GroundGoblin_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Groupthink_2 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for Groupthink_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Grub_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Grub_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Grum1_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Grum1_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Gruunaga_4 Start: 2133, Stop: 2429, Start Num: 169

Candidate Starts for Gruunaga_4:

(Start: 169 @2133 has 481 MA's), (Start: 215 @2268 has 1 MA's),

Gene: GtownJaz_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for GtownJaz_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Gumpizza_62 Start: 39614, Stop: 39856, Start Num: 191

Candidate Starts for Gumpizza_62:

(Start: 165 @39554 has 129 MA's), (Start: 191 @39614 has 14 MA's), (Start: 194 @39620 has 125 MA's),

Gene: Gwendoluna_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for Gwendoluna_1:

(Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: Gwennie_1 Start: 592, Stop: 819, Start Num: 194

Candidate Starts for Gwennie_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Gyzlar_2 Start: 742, Stop: 1038, Start Num: 169

Candidate Starts for Gyzlar_2:

(Start: 169 @742 has 481 MA's), (Start: 213 @865 has 1 MA's), (233, 955), (242, 991),

Gene: HINdeR_1 Start: 411, Stop: 704, Start Num: 169

Candidate Starts for HINdeR_1:

(Start: 169 @411 has 481 MA's), (193, 477), (239, 654), (246, 672),

Gene: Haizum_2 Start: 652, Stop: 966, Start Num: 165

Candidate Starts for Haizum_2:

(Start: 156 @643 has 1 MA's), (Start: 165 @652 has 129 MA's), (Start: 215 @796 has 1 MA's), (222, 829),

Gene: Halsey_63 Start: 39841, Stop: 40083, Start Num: 191

Candidate Starts for Halsey_63:

(Start: 165 @39781 has 129 MA's), (Start: 191 @39841 has 14 MA's), (Start: 194 @39847 has 125 MA's),

Gene: Hami1_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Hami1_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Hammer_4 Start: 2132, Stop: 2428, Start Num: 169

Candidate Starts for Hammer_4:

(Start: 169 @2132 has 481 MA's), (Start: 215 @2267 has 1 MA's),

Gene: HanShotFirst_2 Start: 873, Stop: 1067, Start Num: 213

Candidate Starts for HanShotFirst_2:

(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (242, 999),

Gene: Hank144_2 Start: 693, Stop: 1007, Start Num: 165

Candidate Starts for Hank144_2:

(117, 618), (119, 624), (Start: 165 @693 has 129 MA's), (Start: 194 @762 has 125 MA's), (Start: 215 @837 has 1 MA's), (217, 849),

Gene: Happiness_1 Start: 537, Stop: 764, Start Num: 194

Candidate Starts for Happiness_1:

(Start: 194 @537 has 125 MA's), (242, 723),

Gene: HarryHoudini_5 Start: 2627, Stop: 2923, Start Num: 169

Candidate Starts for HarryHoudini_5:

(63, 2426), (Start: 169 @2627 has 481 MA's),

Gene: HarryOW_2 Start: 749, Stop: 1057, Start Num: 166

Candidate Starts for HarryOW_2:

(Start: 166 @749 has 23 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: HashRod_2 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for HashRod_2:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: HaveUMetTed_2 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for HaveUMetTed_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Heffalump_5 Start: 2671, Stop: 2967, Start Num: 169

Candidate Starts for Heffalump_5:

(Start: 169 @2671 has 481 MA's), (Start: 213 @2794 has 1 MA's),

Gene: Heliosoles_1 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for Heliosoles_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Helmet_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Helmet_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Herbertwm_1 Start: 414, Stop: 710, Start Num: 169

Candidate Starts for Herbertwm_1:

(118, 327), (119, 330), (Start: 169 @414 has 481 MA's), (204, 513),

Gene: Hercules11_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Hercules11_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Hermia_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for Hermia_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: HermioneGrange_2 Start: 748, Stop: 1044, Start Num: 169
Candidate Starts for HermioneGrange_2:
(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Hexamo_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Hexamo_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Hippo_2 Start: 729, Stop: 1040, Start Num: 164
Candidate Starts for Hippo_2:
(85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (217, 882),

Gene: HippoHollow_4 Start: 2372, Stop: 2668, Start Num: 169
Candidate Starts for HippoHollow_4:
(Start: 169 @2372 has 481 MA's),

Gene: HippoPololi_68 Start: 45087, Stop: 45419, Start Num: 173
Candidate Starts for HippoPololi_68:
(Start: 173 @45087 has 28 MA's),

Gene: Holli_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Holli_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Homines_2 Start: 832, Stop: 1128, Start Num: 169
Candidate Starts for Homines_2:
(Start: 133 @784 has 1 MA's), (Start: 169 @832 has 481 MA's), (Start: 213 @955 has 1 MA's), (233, 1045), (242, 1081),

Gene: Honk_82 Start: 49790, Stop: 50095, Start Num: 165
Candidate Starts for Honk_82:
(104, 49700), (146, 49769), (Start: 165 @49790 has 129 MA's), (Start: 191 @49850 has 14 MA's),

Gene: Hookmount_1 Start: 445, Stop: 741, Start Num: 169
Candidate Starts for Hookmount_1:
(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Hoot_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Hoot_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Hope4ever_1 Start: 600, Stop: 896, Start Num: 169
Candidate Starts for Hope4ever_1:
(127, 537), (Start: 145 @573 has 3 MA's), (Start: 152 @582 has 1 MA's), (Start: 164 @597 has 77 MA's), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: Horseradish_71 Start: 45465, Stop: 45743, Start Num: 171
Candidate Starts for Horseradish_71:
(Start: 171 @45465 has 2 MA's), (Start: 173 @45468 has 28 MA's), (186, 45510), (Start: 190 @45522 has 1 MA's), (195, 45534), (217, 45585), (221, 45612), (222, 45615),

Gene: HortumSL17_4 Start: 2335, Stop: 2628, Start Num: 169
Candidate Starts for HortumSL17_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Houdini22_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Houdini22_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: HuhtaEnerson15_1 Start: 535, Stop: 834, Start Num: 164

Candidate Starts for HuhtaEnerson15_1:

(Start: 164 @535 has 77 MA's), (208, 643), (223, 715), (239, 784), (249, 829),

Gene: Huphlebuff_94 Start: 48678, Stop: 49004, Start Num: 169

Candidate Starts for Huphlebuff_94:

(163, 48672), (Start: 169 @48678 has 481 MA's), (Start: 182 @48720 has 4 MA's), (199, 48765), (214, 48825), (224, 48885), (238, 48945),

Gene: Hutc2_4 Start: 2359, Stop: 2655, Start Num: 169

Candidate Starts for Hutc2_4:

(Start: 169 @2359 has 481 MA's), (Start: 182 @2392 has 4 MA's), (Start: 201 @2449 has 1 MA's), (249, 2650),

Gene: Huxley_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Huxley_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Hydra_3 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for Hydra_3:

(Start: 164 @739 has 77 MA's), (217, 895),

Gene: IAmGroot_75 Start: 45197, Stop: 45496, Start Num: 165

Candidate Starts for IAmGroot_75:

(146, 45173), (Start: 165 @45197 has 129 MA's),

Gene: ICleared_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for ICleared_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: ILeeKay_1 Start: 547, Stop: 843, Start Num: 169

Candidate Starts for ILeeKay_1:

(127, 484), (Start: 145 @520 has 3 MA's), (Start: 152 @529 has 1 MA's), (Start: 169 @547 has 481 MA's), (Start: 213 @670 has 1 MA's), (233, 760), (242, 796),

Gene: IUFootball_70 Start: 45434, Stop: 45733, Start Num: 165

Candidate Starts for IUFootball_70:

(Start: 165 @45434 has 129 MA's), (Start: 194 @45500 has 125 MA's), (196, 45503), (224, 45620), (247, 45725),

Gene: Ibrahim_59 Start: 41099, Stop: 41398, Start Num: 86

Candidate Starts for Ibrahim_59:

(Start: 86 @41099 has 6 MA's), (217, 41222),

Gene: Iceman_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Iceman_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Ichabod_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for Ichabod_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (242, 998),

Gene: IgnatiusPatJac_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for IgnatiusPatJac_1:

(Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 164 @594 has 77 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Indigo_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Indigo_2:

(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Indra_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Indra_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Insomnia_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Insomnia_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Inyanga_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Inyanga_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 164 @596 has 77 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Iqorha_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Iqorha_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 164 @596 has 77 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Iracema64_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Iracema64_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: IronMan_4 Start: 2114, Stop: 2410, Start Num: 169

Candidate Starts for IronMan_4:

(Start: 169 @2114 has 481 MA's), (204, 2213), (229, 2309),

Gene: Isca_1 Start: 420, Stop: 716, Start Num: 169

Candidate Starts for Isca_1:

(107, 318), (154, 411), (Start: 169 @420 has 481 MA's), (Start: 215 @555 has 1 MA's),

Gene: Isiphiwo_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Isiphiwo_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Issmi_2 Start: 651, Stop: 965, Start Num: 165

Candidate Starts for Issmi_2:

(Start: 165 @651 has 129 MA's), (Start: 215 @795 has 1 MA's), (222, 828), (252, 960),

Gene: Iter_70 Start: 43593, Stop: 43895, Start Num: 165

Candidate Starts for Iter_70:

(Start: 165 @43593 has 129 MA's), (Start: 194 @43659 has 125 MA's), (210, 43710), (226, 43785), (247, 43884),

Gene: IttyBittyPiggy_70 Start: 41834, Stop: 42145, Start Num: 165

Candidate Starts for IttyBittyPiggy_70:

(Start: 165 @41834 has 129 MA's), (226, 42026), (247, 42125),

Gene: Itza_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for Itza_2:

(Start: 165 @744 has 129 MA's), (Start: 215 @888 has 1 MA's),

Gene: Iwokeuplikedis_5 Start: 2364, Stop: 2660, Start Num: 169

Candidate Starts for Iwokeuplikedis_5:

(Start: 169 @2364 has 481 MA's),

Gene: Izzy_2 Start: 793, Stop: 1107, Start Num: 164

Candidate Starts for Izzy_2:

(114, 715), (Start: 164 @793 has 77 MA's), (217, 949),

Gene: JC27_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for JC27_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: JF2_1 Start: 419, Stop: 715, Start Num: 169

Candidate Starts for JF2_1:

(91, 293), (153, 410), (Start: 169 @419 has 481 MA's), (Start: 215 @554 has 1 MA's),

Gene: JF4_1 Start: 419, Stop: 715, Start Num: 169

Candidate Starts for JF4_1:

(91, 293), (153, 410), (Start: 169 @419 has 481 MA's), (Start: 215 @554 has 1 MA's),

Gene: JHC117_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for JHC117_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: JSwag_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for JSwag_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Jaan_4 Start: 2110, Stop: 2406, Start Num: 169

Candidate Starts for Jaan_4:

(Start: 169 @2110 has 481 MA's), (204, 2209), (229, 2305),

Gene: Jabiru_1 Start: 502, Stop: 801, Start Num: 164

Candidate Starts for Jabiru_1:

(Start: 164 @502 has 77 MA's), (Start: 173 @517 has 28 MA's), (208, 610), (239, 751), (249, 796),

Gene: Jabith_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Jabith_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Jablanski_82 Start: 53171, Stop: 53461, Start Num: 179

Candidate Starts for Jablanski_82:

(139, 53114), (144, 53120), (Start: 179 @53171 has 22 MA's),

Gene: JackSparrow_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for JackSparrow_1:

(Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 164 @593 has 77 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: JacoRen57_63 Start: 47251, Stop: 47520, Start Num: 192

Candidate Starts for JacoRen57_63:

(Start: 178 @47200 has 4 MA's), (Start: 192 @47251 has 2 MA's), (226, 47383), (232, 47419),

Gene: Jamzy_76 Start: 46875, Stop: 47171, Start Num: 173

Candidate Starts for Jamzy_76:

(128, 46800), (Start: 152 @46845 has 1 MA's), (Start: 169 @46866 has 481 MA's), (Start: 173 @46875 has 28 MA's), (187, 46920), (200, 46959), (205, 46974), (216, 47007), (219, 47034), (225, 47058), (226, 47061),

Gene: Janeemi_69 Start: 43509, Stop: 43811, Start Num: 165

Candidate Starts for Janeemi_69:

(Start: 165 @43509 has 129 MA's), (Start: 194 @43575 has 125 MA's), (210, 43626), (226, 43701), (247, 43800),

Gene: Janus_3 Start: 1027, Stop: 1341, Start Num: 165

Candidate Starts for Janus_3:

(Start: 165 @1027 has 129 MA's), (Start: 194 @1096 has 125 MA's), (Start: 215 @1171 has 1 MA's),

Gene: Jash_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for Jash_2:

(114, 668), (Start: 164 @746 has 77 MA's), (217, 902),

Gene: JasmineDragon_70 Start: 43243, Stop: 43605, Start Num: 165

Candidate Starts for JasmineDragon_70:

(90, 43126), (Start: 165 @43243 has 129 MA's), (Start: 191 @43312 has 14 MA's), (Start: 194 @43318 has 125 MA's), (243, 43513), (251, 43555),

Gene: Jasper_2 Start: 863, Stop: 1171, Start Num: 169

Candidate Starts for Jasper_2:

(Start: 133 @815 has 1 MA's), (Start: 169 @863 has 481 MA's), (Start: 213 @986 has 1 MA's), (233, 1076), (242, 1112),

Gene: Jaykayelowell_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Jaykayelowell_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Jeeves_4 Start: 2418, Stop: 2714, Start Num: 169

Candidate Starts for Jeeves_4:

(Start: 169 @2418 has 481 MA's), (210, 2529), (212, 2535),

Gene: Jeffabunny_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Jeffabunny_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: JenCasNa_1 Start: 517, Stop: 819, Start Num: 158
Candidate Starts for JenCasNa_1:
(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: JeppNRM_2 Start: 531, Stop: 824, Start Num: 167
Candidate Starts for JeppNRM_2:
(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Jerm_5 Start: 2548, Stop: 2844, Start Num: 169
Candidate Starts for Jerm_5:
(Start: 169 @2548 has 481 MA's), (Start: 213 @2671 has 1 MA's),

Gene: Jerm2_2 Start: 748, Stop: 1044, Start Num: 169
Candidate Starts for Jerm2_2:
(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: JetBlade_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for JetBlade_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Jevington_3 Start: 1035, Stop: 1349, Start Num: 165
Candidate Starts for Jevington_3:
(117, 963), (Start: 156 @1029 has 1 MA's), (Start: 165 @1035 has 129 MA's), (Start: 194 @1104 has 125 MA's), (Start: 215 @1179 has 1 MA's), (222, 1212),

Gene: JewelBug_4 Start: 2144, Stop: 2440, Start Num: 169
Candidate Starts for JewelBug_4:
(Start: 169 @2144 has 481 MA's), (Start: 215 @2279 has 1 MA's),

Gene: Jhitchelle_2 Start: 945, Stop: 1259, Start Num: 165
Candidate Starts for Jhitchelle_2:
(Start: 157 @939 has 2 MA's), (Start: 165 @945 has 129 MA's), (Start: 215 @1089 has 1 MA's), (222, 1122),

Gene: Jobu08_1 Start: 517, Stop: 819, Start Num: 158
Candidate Starts for Jobu08_1:
(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Joemato_71 Start: 43479, Stop: 43781, Start Num: 165
Candidate Starts for Joemato_71:
(Start: 165 @43479 has 129 MA's), (188, 43530), (Start: 194 @43545 has 125 MA's), (210, 43596), (226, 43671), (247, 43770),

Gene: JohnDoe_70 Start: 43395, Stop: 43697, Start Num: 165
Candidate Starts for JohnDoe_70:
(Start: 165 @43395 has 129 MA's), (188, 43446), (Start: 194 @43461 has 125 MA's), (210, 43512), (226, 43587), (247, 43686),

Gene: JohnThicc_67 Start: 42884, Stop: 43249, Start Num: 165

Candidate Starts for JohnThicc_67:

(44, 42650), (83, 42755), (90, 42764), (Start: 165 @42884 has 129 MA's), (Start: 191 @42953 has 14 MA's), (Start: 194 @42959 has 125 MA's), (226, 43085), (243, 43154), (247, 43184),

Gene: JoieB_93 Start: 49278, Stop: 49604, Start Num: 169

Candidate Starts for JoieB_93:

(148, 49251), (Start: 169 @49278 has 481 MA's), (Start: 182 @49320 has 4 MA's), (199, 49365), (214, 49425), (224, 49485), (238, 49545),

Gene: JonJames_13 Start: 3969, Stop: 4277, Start Num: 174

Candidate Starts for JonJames_13:

(Start: 174 @3969 has 26 MA's), (222, 4143), (226, 4161), (231, 4182),

Gene: JoongJeon_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for JoongJeon_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Jordennis_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Jordennis_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Jorgensen_2 Start: 833, Stop: 1129, Start Num: 169

Candidate Starts for Jorgensen_2:

(Start: 133 @785 has 1 MA's), (Start: 169 @833 has 481 MA's), (Start: 213 @956 has 1 MA's), (225, 1010), (233, 1046), (242, 1082),

Gene: Joselito_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Joselito_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: JoshKayV_5 Start: 2563, Stop: 2859, Start Num: 169

Candidate Starts for JoshKayV_5:

(Start: 169 @2563 has 481 MA's), (Start: 213 @2686 has 1 MA's),

Gene: Journey13_4 Start: 2424, Stop: 2720, Start Num: 169

Candidate Starts for Journey13_4:

(Start: 169 @2424 has 481 MA's), (Start: 201 @2514 has 1 MA's),

Gene: Jovo_1 Start: 535, Stop: 834, Start Num: 164

Candidate Starts for Jovo_1:

(Start: 164 @535 has 77 MA's), (208, 643), (223, 715), (239, 784), (249, 829),

Gene: Jsquared_4 Start: 2327, Stop: 2623, Start Num: 169

Candidate Starts for Jsquared_4:

(Start: 169 @2327 has 481 MA's),

Gene: Jstan_70 Start: 43158, Stop: 43409, Start Num: 188

Candidate Starts for Jstan_70:

(Start: 165 @43107 has 129 MA's), (188, 43158), (Start: 194 @43173 has 125 MA's), (210, 43224), (226, 43299), (247, 43398),

Gene: Juicebox_59 Start: 41044, Stop: 41346, Start Num: 172

Candidate Starts for Juicebox_59:

(Start: 160 @41038 has 15 MA's), (Start: 172 @41044 has 1 MA's), (222, 41221),

Gene: JuliaChild_2 Start: 834, Stop: 1130, Start Num: 169

Candidate Starts for JuliaChild_2:

(Start: 133 @786 has 1 MA's), (Start: 169 @834 has 481 MA's), (Start: 213 @957 has 1 MA's), (233, 1047), (242, 1083),

Gene: JuneStar_68 Start: 44149, Stop: 44457, Start Num: 165

Candidate Starts for JuneStar_68:

(52, 43936), (Start: 165 @44149 has 129 MA's), (Start: 194 @44215 has 125 MA's), (223, 44332), (226, 44341), (247, 44440),

Gene: KADY_2 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for KADY_2:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: KBG_2 Start: 835, Stop: 1131, Start Num: 169

Candidate Starts for KBG_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: KFPoly_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for KFPoly_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: KSSJEB_1 Start: 580, Stop: 903, Start Num: 145

Candidate Starts for KSSJEB_1:

(Start: 145 @580 has 3 MA's), (Start: 152 @589 has 1 MA's), (Start: 169 @607 has 481 MA's), (Start: 213 @730 has 1 MA's), (233, 820), (242, 856),

Gene: Kachowdy_1 Start: 416, Stop: 712, Start Num: 159

Candidate Starts for Kachowdy_1:

(91, 293), (153, 410), (Start: 159 @416 has 6 MA's), (Start: 215 @551 has 1 MA's),

Gene: Kaine_3 Start: 968, Stop: 1282, Start Num: 165

Candidate Starts for Kaine_3:

(51, 755), (62, 785), (Start: 157 @962 has 2 MA's), (Start: 165 @968 has 129 MA's), (Start: 194 @1037 has 125 MA's), (Start: 215 @1112 has 1 MA's), (222, 1145),

Gene: Kalb97_2 Start: 528, Stop: 821, Start Num: 167

Candidate Starts for Kalb97_2:

(Start: 158 @519 has 38 MA's), (Start: 167 @528 has 51 MA's), (Start: 194 @594 has 125 MA's),

Gene: Kalimba_63 Start: 39732, Stop: 39974, Start Num: 191

Candidate Starts for Kalimba_63:

(Start: 165 @39672 has 129 MA's), (Start: 191 @39732 has 14 MA's), (Start: 194 @39738 has 125 MA's),

Gene: Kalnoky_2 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for Kalnoky_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Kalpine_4 Start: 2560, Stop: 2856, Start Num: 169

Candidate Starts for Kalpine_4:

(Start: 169 @2560 has 481 MA's),

Gene: Kamy_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Kamy_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Kanely_3 Start: 1297, Stop: 1593, Start Num: 169

Candidate Starts for Kanely_3:

(Start: 133 @1249 has 1 MA's), (Start: 169 @1297 has 481 MA's), (Start: 213 @1420 has 1 MA's), (233, 1510), (242, 1546),

Gene: Katalie_2 Start: 726, Stop: 1040, Start Num: 164

Candidate Starts for Katalie_2:

(68, 582), (Start: 164 @726 has 77 MA's), (196, 798), (217, 882),

Gene: Katalie136_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for Katalie136_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: KatherineG_4 Start: 2425, Stop: 2721, Start Num: 169

Candidate Starts for KatherineG_4:

(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: KayGee_74 Start: 48035, Stop: 48361, Start Num: 161

Candidate Starts for KayGee_74:

(Start: 152 @48023 has 1 MA's), (Start: 161 @48035 has 9 MA's), (175, 48059), (Start: 192 @48113 has 2 MA's), (203, 48140), (231, 48260),

Gene: Kaylissa_71 Start: 43755, Stop: 44057, Start Num: 165

Candidate Starts for Kaylissa_71:

(Start: 165 @43755 has 129 MA's), (188, 43806), (Start: 194 @43821 has 125 MA's), (210, 43872), (226, 43947), (247, 44046),

Gene: Kazan_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Kazan_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: KeAlii_67 Start: 41473, Stop: 41784, Start Num: 165

Candidate Starts for KeAlii_67:

(Start: 165 @41473 has 129 MA's), (Start: 194 @41539 has 125 MA's), (210, 41590), (247, 41764),

Gene: Kenmech_2 Start: 758, Stop: 1054, Start Num: 169

Candidate Starts for Kenmech_2:

(Start: 169 @758 has 481 MA's), (Start: 213 @881 has 1 MA's), (225, 935), (233, 971), (242, 1007),

Gene: Kerberos_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for Kerberos_4:

(Start: 169 @2345 has 481 MA's),

Gene: Keziacharles14_4 Start: 2212, Stop: 2505, Start Num: 169

Candidate Starts for Keziacharles14_4:

(Start: 169 @2212 has 481 MA's), (Start: 201 @2299 has 1 MA's), (208, 2314), (Start: 213 @2332 has 1 MA's),

Gene: KikiBouba_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for KikiBouba_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Killigrew_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Killigrew_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Kimba_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Kimba_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Kimona_1 Start: 576, Stop: 872, Start Num: 169

Candidate Starts for Kimona_1:

(Start: 155 @567 has 2 MA's), (Start: 169 @576 has 481 MA's), (Start: 182 @609 has 4 MA's), (Start: 215 @711 has 1 MA's), (239, 822),

Gene: KingCyrus_5 Start: 2548, Stop: 2844, Start Num: 169

Candidate Starts for KingCyrus_5:

(Start: 169 @2548 has 481 MA's), (Start: 213 @2671 has 1 MA's),

Gene: Kingmustik0402_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Kingmustik0402_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Kipper29_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Kipper29_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: KittenMittens_1 Start: 472, Stop: 768, Start Num: 160

Candidate Starts for KittenMittens_1:

(45, 247), (Start: 160 @472 has 15 MA's), (Start: 215 @607 has 1 MA's),

Gene: Klodlith_4 Start: 2108, Stop: 2401, Start Num: 169

Candidate Starts for Klodlith_4:

(Start: 169 @2108 has 481 MA's), (Start: 201 @2195 has 1 MA's), (208, 2210), (Start: 213 @2228 has 1 MA's),

Gene: Koan_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Koan_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Koduck_4 Start: 2324, Stop: 2620, Start Num: 169

Candidate Starts for Koduck_4:

(Start: 169 @2324 has 481 MA's),

Gene: Koko_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Koko_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Koreni_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Koreni_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Kratak_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Kratak_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Kremtemulon_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Kremtemulon_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Kristoff_2 Start: 629, Stop: 925, Start Num: 160

Candidate Starts for Kristoff_2:

(113, 548), (Start: 160 @629 has 15 MA's),

Gene: Kugel_1 Start: 596, Stop: 904, Start Num: 166

Candidate Starts for Kugel_1:

(128, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 166 @596 has 23 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Kuwabara_94 Start: 53726, Stop: 54019, Start Num: 179

Candidate Starts for Kuwabara_94:

(Start: 179 @53726 has 22 MA's),

Gene: KyMonks1A_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for KyMonks1A_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Kyee_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Kyee_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Kykar_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Kykar_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: L5_4 Start: 2332, Stop: 2628, Start Num: 169

Candidate Starts for L5_4:

(Start: 169 @2332 has 481 MA's),

Gene: LBerry_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for LBerry_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: LHTSCC_1 Start: 460, Stop: 762, Start Num: 155

Candidate Starts for LHTSCC_1:

(101, 355), (Start: 155 @460 has 2 MA's), (Start: 194 @535 has 125 MA's), (242, 721),

Gene: LadyAstra_68 Start: 42979, Stop: 43344, Start Num: 165

Candidate Starts for LadyAstra_68:

(44, 42745), (83, 42850), (90, 42859), (Start: 165 @42979 has 129 MA's), (Start: 191 @43048 has 14 MA's), (Start: 194 @43054 has 125 MA's), (226, 43180), (243, 43249), (247, 43279),

Gene: LadyBird_4 Start: 2463, Stop: 2759, Start Num: 169

Candidate Starts for LadyBird_4:

(Start: 169 @2463 has 481 MA's), (Start: 213 @2586 has 1 MA's),

Gene: Lambert1_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for Lambert1_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Lamina13_2 Start: 750, Stop: 1046, Start Num: 169

Candidate Starts for Lamina13_2:

(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Landor_4 Start: 2112, Stop: 2408, Start Num: 169

Candidate Starts for Landor_4:

(Start: 169 @2112 has 481 MA's), (204, 2211), (229, 2307),

Gene: Lannister_3 Start: 743, Stop: 1054, Start Num: 164

Candidate Starts for Lannister_3:

(131, 701), (Start: 164 @743 has 77 MA's), (217, 896),

Gene: Larenn_5 Start: 2579, Stop: 2875, Start Num: 169

Candidate Starts for Larenn_5:

(Start: 169 @2579 has 481 MA's),

Gene: LarryKay_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for LarryKay_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: LastResort_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for LastResort_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Lauer_66 Start: 47856, Stop: 48119, Start Num: 192

Candidate Starts for Lauer_66:

(Start: 152 @47766 has 1 MA's), (Start: 161 @47778 has 9 MA's), (175, 47802), (Start: 192 @47856 has 2 MA's), (203, 47889), (231, 48015),

Gene: Legacy_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for Legacy_2:

(Start: 164 @739 has 77 MA's), (217, 895),

Gene: Lego_69 Start: 43077, Stop: 43379, Start Num: 165

Candidate Starts for Lego_69:

(Start: 165 @43077 has 129 MA's), (188, 43128), (Start: 194 @43143 has 125 MA's), (210, 43194), (226, 43269), (247, 43368),

Gene: Lemur_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Lemur_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Leogania_4 Start: 2319, Stop: 2615, Start Num: 169

Candidate Starts for Leogania_4:

(Start: 169 @2319 has 481 MA's), (212, 2436),

Gene: Lesedi_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Lesedi_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Lev2_1 Start: 534, Stop: 833, Start Num: 164

Candidate Starts for Lev2_1:

(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: Levia_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Levia_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Leviathan_5 Start: 2547, Stop: 2843, Start Num: 169

Candidate Starts for Leviathan_5:

(Start: 169 @2547 has 481 MA's), (Start: 213 @2670 has 1 MA's),

Gene: Leviticus_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Leviticus_2:

(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Licorice_2 Start: 751, Stop: 1047, Start Num: 169

Candidate Starts for Licorice_2:

(Start: 169 @751 has 481 MA's), (Start: 213 @874 has 1 MA's), (233, 964), (242, 1000),

Gene: Liebe_69 Start: 45433, Stop: 45732, Start Num: 165

Candidate Starts for Liebe_69:

(Start: 165 @45433 has 129 MA's), (Start: 194 @45499 has 125 MA's), (196, 45502), (224, 45619), (247, 45724),

Gene: Lika_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Lika_2:

(76, 615), (Start: 164 @726 has 77 MA's), (196, 798), (205, 828), (Start: 213 @855 has 1 MA's),

Gene: LilBib_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for LilBib_1:

(148, 573), (154, 582), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: LilTurb_5 Start: 2548, Stop: 2844, Start Num: 169

Candidate Starts for LilTurb_5:

(Start: 169 @2548 has 481 MA's), (Start: 213 @2671 has 1 MA's),

Gene: Lilbit_88 Start: 49238, Stop: 49564, Start Num: 169

Candidate Starts for Lilbit_88:

(163, 49232), (Start: 169 @49238 has 481 MA's), (Start: 182 @49280 has 4 MA's), (199, 49325), (214, 49385), (224, 49445), (238, 49505),

Gene: Lilbunny_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Lilbunny_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Lilith_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Lilith_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: LionsBait_4 Start: 2366, Stop: 2662, Start Num: 169

Candidate Starts for LionsBait_4:

(Start: 169 @2366 has 481 MA's),

Gene: LittleB_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for LittleB_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: LittleCherry_1 Start: 535, Stop: 834, Start Num: 164

Candidate Starts for LittleCherry_1:

(Start: 164 @535 has 77 MA's), (208, 643), (223, 715), (239, 784), (249, 829),

Gene: LittleGuy_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for LittleGuy_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: LittleLaf_90 Start: 49009, Stop: 49293, Start Num: 182

Candidate Starts for LittleLaf_90:

(163, 48961), (Start: 169 @48967 has 481 MA's), (Start: 182 @49009 has 4 MA's), (199, 49054), (214, 49114), (224, 49174), (238, 49234),

Gene: Lizalica_69 Start: 42687, Stop: 42989, Start Num: 165

Candidate Starts for Lizalica_69:

(Start: 165 @42687 has 129 MA's), (188, 42738), (Start: 194 @42753 has 125 MA's), (210, 42804), (226, 42879), (247, 42978),

Gene: LochMonster_1 Start: 536, Stop: 763, Start Num: 194

Candidate Starts for LochMonster_1:

(101, 356), (Start: 194 @536 has 125 MA's), (242, 722),

Gene: Lockley_2 Start: 739, Stop: 1035, Start Num: 169

Candidate Starts for Lockley_2:

(Start: 169 @739 has 481 MA's), (Start: 213 @862 has 1 MA's), (225, 916), (233, 952), (242, 988),

Gene: Lokk_5 Start: 2540, Stop: 2836, Start Num: 169

Candidate Starts for Lokk_5:

(Start: 169 @2540 has 481 MA's),

Gene: London_69 Start: 43231, Stop: 43533, Start Num: 165

Candidate Starts for London_69:

(Start: 165 @43231 has 129 MA's), (188, 43282), (Start: 194 @43297 has 125 MA's), (210, 43348), (226, 43423), (247, 43522),

Gene: LoneWolf_4 Start: 2099, Stop: 2392, Start Num: 169

Candidate Starts for LoneWolf_4:

(Start: 169 @2099 has 481 MA's), (208, 2201), (Start: 213 @2219 has 1 MA's),

Gene: LonelyBoi_78 Start: 53256, Stop: 53543, Start Num: 179

Candidate Starts for LonelyBoi_78:

(5, 52596), (12, 52755), (15, 52785), (110, 53133), (139, 53199), (144, 53205), (Start: 179 @53256 has 22 MA's),

Gene: LongHai_67 Start: 46426, Stop: 46698, Start Num: 189

Candidate Starts for LongHai_67:

(129, 46297), (Start: 181 @46399 has 1 MA's), (Start: 189 @46426 has 1 MA's), (207, 46477), (237, 46630),

Gene: Loofah_3 Start: 682, Stop: 996, Start Num: 165

Candidate Starts for Loofah_3:

(117, 604), (Start: 157 @673 has 2 MA's), (Start: 165 @682 has 129 MA's), (Start: 215 @826 has 1 MA's), (217, 838),

Gene: Looper_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Looper_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Lopton_2 Start: 841, Stop: 1137, Start Num: 169

Candidate Starts for Lopton_2:

(Start: 133 @793 has 1 MA's), (Start: 169 @841 has 481 MA's), (Start: 213 @964 has 1 MA's), (233, 1054), (242, 1090),

Gene: Lorelei_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Lorelei_2:

(69, 591), (Start: 164 @726 has 77 MA's), (196, 798), (205, 828), (217, 879),

Gene: Lorenzo_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Lorenzo_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Loser_4 Start: 2277, Stop: 2573, Start Num: 169

Candidate Starts for Loser_4:

(Start: 169 @2277 has 481 MA's), (Start: 213 @2400 has 1 MA's),

Gene: Louie6_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Louie6_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Lozinak_14 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Lozinak_14:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: Luchador_4 Start: 2402, Stop: 2698, Start Num: 169

Candidate Starts for Luchador_4:

(Start: 169 @2402 has 481 MA's), (207, 2504), (210, 2513), (212, 2519),

Gene: Lucivia_4 Start: 2353, Stop: 2649, Start Num: 169

Candidate Starts for Lucivia_4:

(Start: 169 @2353 has 481 MA's), (Start: 182 @2386 has 4 MA's), (Start: 201 @2443 has 1 MA's), (249, 2644),

Gene: Lucyedi_4 Start: 2125, Stop: 2418, Start Num: 169

Candidate Starts for Lucyedi_4:

(Start: 169 @2125 has 481 MA's), (Start: 194 @2191 has 125 MA's), (208, 2227), (Start: 213 @2245 has 1 MA's), (Start: 215 @2257 has 1 MA's),

Gene: LugYA_3 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for LugYA_3:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: LunaStella_101 Start: 55262, Stop: 55549, Start Num: 179

Candidate Starts for LunaStella_101:

(17, 54791), (43, 54992), (60, 55031), (81, 55097), (84, 55100), (144, 55211), (Start: 179 @55262 has 22 MA's),

Gene: LunarLander_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for LunarLander_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Lunsford_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Lunsford_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: MA5_1 Start: 429, Stop: 725, Start Num: 169

Candidate Starts for MA5_1:

(153, 420), (Start: 169 @429 has 481 MA's), (Start: 194 @498 has 125 MA's), (Start: 215 @564 has 1 MA's),

Gene: MAnor_73 Start: 48015, Stop: 48329, Start Num: 161

Candidate Starts for MAnor_73:

(Start: 152 @48003 has 1 MA's), (Start: 161 @48015 has 9 MA's), (208, 48114), (225, 48201),

Gene: MK4_1 Start: 419, Stop: 715, Start Num: 169

Candidate Starts for MK4_1:

(91, 293), (153, 410), (Start: 169 @419 has 481 MA's), (Start: 215 @554 has 1 MA's),

Gene: MPlant7149_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for MPlant7149_2:

(Start: 169 @748 has 481 MA's), (233, 961), (242, 997),

Gene: MaCh_4 Start: 2353, Stop: 2649, Start Num: 169

Candidate Starts for MaCh_4:

(Start: 169 @2353 has 481 MA's), (Start: 182 @2386 has 4 MA's), (Start: 201 @2443 has 1 MA's), (249, 2644),

Gene: MaGuCo_63 Start: 43554, Stop: 43853, Start Num: 165

Candidate Starts for MaGuCo_63:

(Start: 165 @43554 has 129 MA's), (Start: 194 @43620 has 125 MA's), (196, 43623), (224, 43740), (247, 43845),

Gene: Mabel_4 Start: 2458, Stop: 2664, Start Num: 201

Candidate Starts for Mabel_4:

(Start: 169 @2368 has 481 MA's), (Start: 182 @2401 has 4 MA's), (Start: 201 @2458 has 1 MA's), (249, 2659),

Gene: Mabodamaca_75 Start: 48569, Stop: 48868, Start Num: 165

Candidate Starts for Mabodamaca_75:

(40, 48311), (Start: 165 @48569 has 129 MA's), (Start: 194 @48635 has 125 MA's), (210, 48686), (226, 48761),

Gene: Maco6_63 Start: 45489, Stop: 45788, Start Num: 181

Candidate Starts for Maco6_63:

(Start: 181 @45489 has 1 MA's), (Start: 189 @45516 has 1 MA's), (207, 45567), (218, 45624), (237, 45720),

Gene: MadMarie_1 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for MadMarie_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Magnar_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Magnar_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Mainiac_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Mainiac_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Makemake_2 Start: 1064, Stop: 1360, Start Num: 169

Candidate Starts for Makemake_2:

(Start: 145 @1034 has 3 MA's), (Start: 152 @1043 has 1 MA's), (Start: 164 @1058 has 77 MA's), (Start: 169 @1064 has 481 MA's), (Start: 213 @1187 has 1 MA's), (242, 1313),

Gene: MalagasyRose_85 Start: 53161, Stop: 53499, Start Num: 161

Candidate Starts for MalagasyRose_85:

(79, 53017), (80, 53020), (112, 53065), (126, 53101), (Start: 145 @53140 has 3 MA's), (Start: 161 @53161 has 9 MA's), (198, 53260), (220, 53341),

Gene: Malec_5 Start: 2579, Stop: 2875, Start Num: 169

Candidate Starts for Malec_5:

(Start: 169 @2579 has 481 MA's),

Gene: Malinsilva_3 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Malinsilva_3:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Maminiaina_4 Start: 2102, Stop: 2395, Start Num: 169

Candidate Starts for Maminiaina_4:

(Start: 169 @2102 has 481 MA's), (208, 2204), (Start: 213 @2222 has 1 MA's),

Gene: Manatee_2 Start: 747, Stop: 1043, Start Num: 169

Candidate Starts for Manatee_2:

(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: Maneekul_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for Maneekul_2:

(85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (205, 831), (Start: 213 @858 has 1 MA's), (226, 921),

Gene: Manu_2 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for Manu_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: MarQuardt_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for MarQuardt_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Marav_3 Start: 1035, Stop: 1349, Start Num: 165

Candidate Starts for Marav_3:

(85, 909), (117, 963), (Start: 156 @1029 has 1 MA's), (Start: 165 @1035 has 129 MA's), (Start: 194 @1104 has 125 MA's), (Start: 215 @1179 has 1 MA's), (222, 1212),

Gene: Marcell_2 Start: 743, Stop: 1039, Start Num: 169

Candidate Starts for Marcell_2:

(Start: 169 @743 has 481 MA's), (Start: 213 @866 has 1 MA's), (233, 956), (242, 992),

Gene: Marchy_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Marchy_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Marco3_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Marco3_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Margaret_75 Start: 46622, Stop: 46930, Start Num: 173

Candidate Starts for Margaret_75:

(110, 46505), (124, 46538), (128, 46547), (Start: 152 @46592 has 1 MA's), (Start: 169 @46613 has 481 MA's), (Start: 173 @46622 has 28 MA's), (187, 46667), (200, 46706), (205, 46721), (209, 46730), (211, 46736), (217, 46769),

Gene: Marge_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Marge_1:

(Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Margo_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for Margo_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Marie_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for Marie_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Marius_2 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for Marius_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Maroc7_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for Maroc7_1:

(127, 537), (Start: 145 @573 has 3 MA's), (Start: 152 @582 has 1 MA's), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: Marsha_2 Start: 1060, Stop: 1356, Start Num: 167

Candidate Starts for Marsha_2:

(Start: 145 @1033 has 3 MA's), (Start: 152 @1042 has 1 MA's), (Start: 164 @1057 has 77 MA's), (Start: 167 @1060 has 51 MA's), (Start: 213 @1183 has 1 MA's), (242, 1309),

Gene: Marvin_86 Start: 48763, Stop: 49089, Start Num: 169

Candidate Starts for Marvin_86:

(163, 48757), (Start: 169 @48763 has 481 MA's), (Start: 182 @48805 has 4 MA's), (199, 48850), (214, 48910), (224, 48970), (238, 49030),

Gene: MaryBeth_2 Start: 751, Stop: 1047, Start Num: 169

Candidate Starts for MaryBeth_2:

(Start: 169 @751 has 481 MA's), (Start: 213 @874 has 1 MA's), (233, 964), (242, 1000),

Gene: Maureen_69 Start: 45432, Stop: 45731, Start Num: 165

Candidate Starts for Maureen_69:

(Start: 165 @45432 has 129 MA's), (Start: 194 @45498 has 125 MA's), (196, 45501), (224, 45618), (247, 45723),

Gene: Maxo_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Maxo_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Mayonnaise_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Mayonnaise_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Mazhar510_1 Start: 539, Stop: 766, Start Num: 194

Candidate Starts for Mazhar510_1:

(Start: 194 @539 has 125 MA's), (242, 725),

Gene: McDazzle_71 Start: 47583, Stop: 47897, Start Num: 161

Candidate Starts for McDazzle_71:

(Start: 152 @47571 has 1 MA's), (Start: 161 @47583 has 9 MA's), (208, 47682), (223, 47763), (225, 47769),

Gene: McFly_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for McFly_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: McGuire_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for McGuire_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (225, 926), (233, 962), (242, 998),

Gene: McSinger_2 Start: 741, Stop: 1049, Start Num: 166

Candidate Starts for McSinger_2:

(109, 636), (Start: 166 @741 has 23 MA's), (Start: 213 @864 has 1 MA's), (233, 954), (242, 990),

Gene: Medusa_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Medusa_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Melvin_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Melvin_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Mendokysei_63 Start: 42026, Stop: 42310, Start Num: 185

Candidate Starts for Mendokysei_63:

(13, 41501), (18, 41540), (21, 41567), (37, 41678), (127, 41906), (Start: 185 @42026 has 1 MA's), (217, 42134), (223, 42173),

Gene: MetalQZJ_2 Start: 751, Stop: 1047, Start Num: 169

Candidate Starts for MetalQZJ_2:

(Start: 169 @751 has 481 MA's), (Start: 213 @874 has 1 MA's), (233, 964), (242, 1000),

Gene: Methuselah_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Methuselah_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Michkear_72 Start: 45641, Stop: 45940, Start Num: 165

Candidate Starts for Michkear_72:

(Start: 165 @45641 has 129 MA's), (247, 45932),

Gene: Michley_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Michley_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Microwolf_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Microwolf_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: MiculUcigas_5 Start: 2624, Stop: 2920, Start Num: 169

Candidate Starts for MiculUcigas_5:

(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Midas2_1 Start: 503, Stop: 802, Start Num: 164

Candidate Starts for Midas2_1:

(65, 368), (Start: 164 @503 has 77 MA's), (208, 611), (223, 683), (239, 752), (249, 797),

Gene: Miko_5 Start: 2518, Stop: 2814, Start Num: 169

Candidate Starts for Miko_5:

(Start: 169 @2518 has 481 MA's),

Gene: Milcery_1 Start: 534, Stop: 833, Start Num: 164

Candidate Starts for Milcery_1:

(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: MilleFeuille_1 Start: 606, Stop: 902, Start Num: 169

Candidate Starts for MilleFeuille_1:

(127, 543), (Start: 145 @579 has 3 MA's), (Start: 152 @588 has 1 MA's), (Start: 169 @606 has 481 MA's), (Start: 213 @729 has 1 MA's), (233, 819), (242, 855),

Gene: Millski_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Millski_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: MinecraftSteve_5 Start: 2425, Stop: 2721, Start Num: 169

Candidate Starts for MinecraftSteve_5:

(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: MiniMommy_70 Start: 43251, Stop: 43613, Start Num: 165

Candidate Starts for MiniMommy_70:

(90, 43134), (Start: 165 @43251 has 129 MA's), (Start: 191 @43320 has 14 MA's), (Start: 194 @43326 has 125 MA's), (243, 43521), (248, 43554), (251, 43563),

Gene: Miramae_1 Start: 535, Stop: 762, Start Num: 194

Candidate Starts for Miramae_1:

(101, 355), (Start: 194 @535 has 125 MA's), (242, 721),

Gene: Miskis_12 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Miskis_12:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: Misomonster_3 Start: 518, Stop: 838, Start Num: 158

Candidate Starts for Misomonster_3:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: MissSwiss_70 Start: 42246, Stop: 42548, Start Num: 165

Candidate Starts for MissSwiss_70:

(Start: 165 @42246 has 129 MA's), (210, 42363), (223, 42429), (247, 42537),

Gene: MissWhite_4 Start: 2314, Stop: 2610, Start Num: 169

Candidate Starts for MissWhite_4:

(Start: 169 @2314 has 481 MA's),

Gene: Mkhuseli_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for Mkhuseli_1:

(127, 537), (Start: 145 @573 has 3 MA's), (Start: 152 @582 has 1 MA's), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: Molly_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Molly_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Mollymur_10 Start: 5419, Stop: 5724, Start Num: 174

Candidate Starts for Mollymur_10:

(Start: 174 @5419 has 26 MA's), (222, 5590), (248, 5719),

Gene: Monet_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for Monet_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: MoneyMay_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for MoneyMay_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Moose_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Moose_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (225, 773), (233, 809), (242, 845),

Gene: Morpher26_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for Morpher26_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Morrow_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Morrow_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: MortyNRick_97 Start: 53600, Stop: 53893, Start Num: 179

Candidate Starts for MortyNRick_97:

(82, 53429), (Start: 179 @53600 has 22 MA's),

Gene: MosMoris_88 Start: 49109, Stop: 49435, Start Num: 168

Candidate Starts for MosMoris_88:

(Start: 168 @49109 has 4 MA's), (Start: 182 @49151 has 4 MA's), (199, 49196), (214, 49256), (224, 49316), (238, 49376),

Gene: Moss_63 Start: 39802, Stop: 40044, Start Num: 191

Candidate Starts for Moss_63:

(Start: 165 @39742 has 129 MA's), (Start: 191 @39802 has 14 MA's), (Start: 194 @39808 has 125 MA's),

Gene: MrGordo_1 Start: 570, Stop: 905, Start Num: 145

Candidate Starts for MrGordo_1:

(128, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 166 @597 has 23 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Mryolo_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Mryolo_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Muddy_67 Start: 46594, Stop: 46866, Start Num: 189

Candidate Starts for Muddy_67:

(129, 46465), (Start: 181 @46567 has 1 MA's), (Start: 189 @46594 has 1 MA's), (207, 46645), (218, 46702), (237, 46798),

Gene: Mudpuppy_68 Start: 43455, Stop: 43757, Start Num: 165

Candidate Starts for Mudpuppy_68:

(Start: 165 @43455 has 129 MA's), (188, 43506), (Start: 194 @43521 has 125 MA's), (210, 43572), (226, 43647), (247, 43746),

Gene: Mulciber_4 Start: 2359, Stop: 2655, Start Num: 169

Candidate Starts for Mulciber_4:

(Start: 169 @2359 has 481 MA's), (Start: 182 @2392 has 4 MA's), (Start: 201 @2449 has 1 MA's), (249, 2650),

Gene: Mule_1 Start: 595, Stop: 891, Start Num: 169

Candidate Starts for Mule_1:

(127, 532), (Start: 145 @568 has 3 MA's), (Start: 152 @577 has 1 MA's), (Start: 164 @592 has 77 MA's), (Start: 169 @595 has 481 MA's), (Start: 213 @718 has 1 MA's), (233, 808), (242, 844),

Gene: Munch_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Munch_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Mundrea_1 Start: 539, Stop: 766, Start Num: 194

Candidate Starts for Mundrea_1:

(102, 359), (Start: 194 @539 has 125 MA's), (242, 725),

Gene: MunkgeeRoachy_69 Start: 45602, Stop: 45892, Start Num: 173

Candidate Starts for MunkgeeRoachy_69:

(Start: 168 @45596 has 4 MA's), (Start: 173 @45602 has 28 MA's), (211, 45701),

Gene: Museum_3 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Museum_3:

(Start: 169 @748 has 481 MA's), (233, 961), (242, 997),

Gene: MyraDee_1 Start: 377, Stop: 667, Start Num: 168

Candidate Starts for MyraDee_1:

(Start: 168 @377 has 4 MA's), (Start: 194 @440 has 125 MA's), (Start: 215 @506 has 1 MA's), (239, 617),

Gene: Mysterium_62 Start: 39643, Stop: 39885, Start Num: 191

Candidate Starts for Mysterium_62:

(Start: 165 @39583 has 129 MA's), (Start: 191 @39643 has 14 MA's), (Start: 194 @39649 has 125 MA's),

Gene: Myxus_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Myxus_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: NEHalo_2 Start: 747, Stop: 1043, Start Num: 169

Candidate Starts for NEHalo_2:

(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: NaSiaTalie_5 Start: 2624, Stop: 2920, Start Num: 169

Candidate Starts for NaSiaTalie_5:

(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Nabi_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Nabi_2:

(69, 591), (Start: 164 @726 has 77 MA's), (196, 798), (205, 828), (217, 879),

Gene: Naca_1 Start: 505, Stop: 804, Start Num: 164

Candidate Starts for Naca_1:

(Start: 164 @505 has 77 MA's), (Start: 173 @520 has 28 MA's), (208, 613), (239, 754), (249, 799),

Gene: Naira_1 Start: 606, Stop: 902, Start Num: 169

Candidate Starts for Naira_1:

(127, 543), (Start: 145 @579 has 3 MA's), (Start: 152 @588 has 1 MA's), (Start: 169 @606 has 481 MA's), (Start: 213 @729 has 1 MA's), (225, 783), (233, 819), (242, 855),

Gene: Nairb_57 Start: 40896, Stop: 41195, Start Num: 86

Candidate Starts for Nairb_57:

(35, 40761), (48, 40821), (Start: 86 @40896 has 6 MA's), (217, 41019),

Gene: Naji_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for Naji_4:

(Start: 169 @2345 has 481 MA's),

Gene: Nanodon_3 Start: 713, Stop: 1027, Start Num: 164

Candidate Starts for Nanodon_3:

(77, 602), (114, 632), (Start: 164 @713 has 77 MA's), (196, 785), (217, 869),

Gene: NearlyHeadless_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for NearlyHeadless_1:

(Start: 169 @505 has 481 MA's), (223, 679), (242, 757), (249, 793),

Gene: Nebkiss_165 Start: 79421, Stop: 79717, Start Num: 158

Candidate Starts for Nebkiss_165:

(Start: 158 @79421 has 38 MA's), (180, 79466), (184, 79478), (202, 79532), (211, 79553), (214, 79568), (223, 79607), (226, 79616), (228, 79622),

Gene: Nebs_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Nebs_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Nebulosus_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Nebulosus_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Nedarya_4 Start: 2247, Stop: 2543, Start Num: 169

Candidate Starts for Nedarya_4:

(Start: 169 @2247 has 481 MA's),

Gene: Neeharika16_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Neeharika16_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Nemo27_1 Start: 537, Stop: 764, Start Num: 194

Candidate Starts for Nemo27_1:

(Start: 194 @537 has 125 MA's), (242, 723),

Gene: Nerdos_2 Start: 740, Stop: 1054, Start Num: 164
Candidate Starts for Nerdos_2:
(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Nergal_81 Start: 54725, Stop: 55063, Start Num: 161
Candidate Starts for Nergal_81:
(Start: 161 @54725 has 9 MA's), (196, 54815), (198, 54824), (220, 54905),

Gene: Nerujay_1 Start: 598, Stop: 906, Start Num: 166
Candidate Starts for Nerujay_1:
(128, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 166 @598 has 23 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Nette_66 Start: 41850, Stop: 42134, Start Num: 90
Candidate Starts for Nette_66:
(23, 41607), (90, 41850), (223, 41997),

Gene: Newrala_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Newrala_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Nhonho_2 Start: 746, Stop: 1042, Start Num: 169
Candidate Starts for Nhonho_2:
(Start: 169 @746 has 481 MA's), (233, 959), (242, 995),

Gene: Nibbles_67 Start: 45280, Stop: 45597, Start Num: 173
Candidate Starts for Nibbles_67:
(Start: 173 @45280 has 28 MA's), (217, 45418), (231, 45487),

Gene: NicoleTera_4 Start: 2315, Stop: 2611, Start Num: 169
Candidate Starts for NicoleTera_4:
(Start: 169 @2315 has 481 MA's),

Gene: Niobe_69 Start: 43234, Stop: 43536, Start Num: 165
Candidate Starts for Niobe_69:
(Start: 165 @43234 has 129 MA's), (188, 43285), (Start: 194 @43300 has 125 MA's), (210, 43351), (226, 43426), (247, 43525),

Gene: Nishikigoi_2 Start: 652, Stop: 966, Start Num: 165
Candidate Starts for Nishikigoi_2:
(Start: 156 @643 has 1 MA's), (Start: 165 @652 has 129 MA's), (Start: 215 @796 has 1 MA's), (222, 829),

Gene: Nitro_70 Start: 44009, Stop: 44311, Start Num: 165
Candidate Starts for Nitro_70:
(Start: 165 @44009 has 129 MA's), (Start: 194 @44075 has 125 MA's), (210, 44126), (226, 44201), (247, 44300),

Gene: Niza_3 Start: 1297, Stop: 1593, Start Num: 169
Candidate Starts for Niza_3:
(Start: 133 @1249 has 1 MA's), (Start: 169 @1297 has 481 MA's), (Start: 213 @1420 has 1 MA's), (242, 1546),

Gene: NoShow_74 Start: 49650, Stop: 49970, Start Num: 177

Candidate Starts for NoShow_74:

(Start: 177 @49650 has 1 MA's), (Start: 192 @49707 has 2 MA's), (226, 49839),

Gene: Nodigi_74 Start: 46877, Stop: 47185, Start Num: 173

Candidate Starts for Nodigi_74:

(143, 46838), (Start: 169 @46868 has 481 MA's), (Start: 173 @46877 has 28 MA's), (187, 46922), (200, 46961), (205, 46976), (209, 46985), (217, 47024), (219, 47048), (222, 47057),

Gene: Noella_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for Noella_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Noelle_1 Start: 526, Stop: 753, Start Num: 194

Candidate Starts for Noelle_1:

(101, 346), (Start: 194 @526 has 125 MA's), (242, 712),

Gene: NorthStar_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for NorthStar_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Norvs_14 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Norvs_14:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: Norz_2 Start: 745, Stop: 1041, Start Num: 169

Candidate Starts for Norz_2:

(Start: 169 @745 has 481 MA's), (Start: 213 @868 has 1 MA's), (233, 958), (242, 994),

Gene: NotAPhaseMom_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for NotAPhaseMom_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Noxious_2 Start: 750, Stop: 1046, Start Num: 166

Candidate Starts for Noxious_2:

(Start: 166 @750 has 23 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Nyxis_1 Start: 539, Stop: 766, Start Num: 194

Candidate Starts for Nyxis_1:

(Start: 194 @539 has 125 MA's), (242, 725),

Gene: OKCentral2016_1 Start: 464, Stop: 760, Start Num: 160

Candidate Starts for OKCentral2016_1:

(111, 377), (Start: 160 @464 has 15 MA's),

Gene: OKaNui_1 Start: 537, Stop: 764, Start Num: 194

Candidate Starts for OKaNui_1:

(Start: 194 @537 has 125 MA's), (242, 723),

Gene: Obama12_1 Start: 537, Stop: 764, Start Num: 194

Candidate Starts for Obama12_1:

(101, 357), (Start: 155 @462 has 2 MA's), (Start: 194 @537 has 125 MA's), (242, 723),

Gene: ObiToo_74 Start: 43593, Stop: 43895, Start Num: 165

Candidate Starts for ObiToo_74:

(Start: 165 @43593 has 129 MA's), (226, 43785), (247, 43884),

Gene: Odin_3 Start: 2153, Stop: 2449, Start Num: 169

Candidate Starts for Odin_3:

(Start: 169 @2153 has 481 MA's), (229, 2348),

Gene: Ohfah_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Ohfah_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Ohno789_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Ohno789_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: OlanP_1 Start: 710, Stop: 1003, Start Num: 167

Candidate Starts for OlanP_1:

(Start: 167 @710 has 51 MA's), (Start: 194 @776 has 125 MA's),

Gene: Oliynyk_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for Oliynyk_2:

(114, 668), (Start: 164 @746 has 77 MA's), (217, 902),

Gene: Ollie_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Ollie_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Omar_2 Start: 651, Stop: 965, Start Num: 165

Candidate Starts for Omar_2:

(Start: 156 @642 has 1 MA's), (Start: 165 @651 has 129 MA's), (Start: 215 @795 has 1 MA's), (222, 828),

Gene: OneUp_9 Start: 2116, Stop: 2424, Start Num: 174

Candidate Starts for OneUp_9:

(134, 2056), (Start: 174 @2116 has 26 MA's), (222, 2290), (230, 2326),

Gene: Oofda_4 Start: 2282, Stop: 2578, Start Num: 169

Candidate Starts for Oofda_4:

(115, 2186), (Start: 169 @2282 has 481 MA's), (Start: 201 @2372 has 1 MA's),

Gene: Oogway_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Oogway_1:

(Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (242, 847),

Gene: Orange_4 Start: 2389, Stop: 2652, Start Num: 182

Candidate Starts for Orange_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Origami_67 Start: 42771, Stop: 43136, Start Num: 165

Candidate Starts for Origami_67:

(44, 42537), (83, 42642), (90, 42651), (Start: 165 @42771 has 129 MA's), (Start: 191 @42840 has 14 MA's), (Start: 194 @42846 has 125 MA's), (226, 42972), (243, 43041), (247, 43071),

Gene: Orla_75 Start: 47026, Stop: 47334, Start Num: 173

Candidate Starts for Orla_75:

(Start: 169 @47017 has 481 MA's), (Start: 173 @47026 has 28 MA's), (187, 47071), (200, 47110), (205, 47125), (209, 47134), (217, 47173), (219, 47197), (222, 47206),

Gene: Ozzie_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for Ozzie_2:

(Start: 164 @739 has 77 MA's), (217, 895),

Gene: OzzyJ_3 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for OzzyJ_3:

(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (217, 883),

Gene: P28Green_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for P28Green_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: PGHhamlin_3 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for PGHhamlin_3:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: PSullivan_2 Start: 834, Stop: 1130, Start Num: 169

Candidate Starts for PSullivan_2:

(Start: 133 @786 has 1 MA's), (Start: 169 @834 has 481 MA's), (Start: 213 @957 has 1 MA's), (233, 1047), (242, 1083),

Gene: Pablito_2 Start: 689, Stop: 1003, Start Num: 165

Candidate Starts for Pablito_2:

(Start: 165 @689 has 129 MA's), (Start: 215 @833 has 1 MA's), (217, 845), (222, 866),

Gene: PacerPaul_2 Start: 835, Stop: 1131, Start Num: 169

Candidate Starts for PacerPaul_2:

(Start: 133 @787 has 1 MA's), (Start: 169 @835 has 481 MA's), (Start: 213 @958 has 1 MA's), (233, 1048), (242, 1084),

Gene: PackMan_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for PackMan_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Paedore_3 Start: 682, Stop: 996, Start Num: 165

Candidate Starts for Paedore_3:

(117, 604), (Start: 157 @673 has 2 MA's), (Start: 165 @682 has 129 MA's), (Start: 215 @826 has 1 MA's), (217, 838),

Gene: PainterBoy_4 Start: 2125, Stop: 2418, Start Num: 169

Candidate Starts for PainterBoy_4:

(Start: 169 @2125 has 481 MA's), (Start: 194 @2191 has 125 MA's), (208, 2227), (Start: 213 @2245 has 1 MA's), (Start: 215 @2257 has 1 MA's),

Gene: Palestino_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Palestino_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: PandaPo_69 Start: 42253, Stop: 42555, Start Num: 165

Candidate Starts for PandaPo_69:

(Start: 165 @42253 has 129 MA's), (210, 42370), (223, 42436), (247, 42544),

Gene: Papez_2 Start: 785, Stop: 1129, Start Num: 133

Candidate Starts for Papez_2:

(Start: 133 @785 has 1 MA's), (Start: 169 @833 has 481 MA's), (197, 908), (Start: 213 @956 has 1 MA's), (233, 1046), (242, 1082),

Gene: Paphu_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Paphu_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Paraselene_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Paraselene_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Pari_2 Start: 735, Stop: 1031, Start Num: 169

Candidate Starts for Pari_2:

(Start: 169 @735 has 481 MA's), (Start: 213 @858 has 1 MA's), (233, 948), (242, 984),

Gene: Parliament_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Parliament_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: PascalRango_2 Start: 747, Stop: 1043, Start Num: 169

Candidate Starts for PascalRango_2:

(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: PattyP_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for PattyP_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Pavo_3 Start: 974, Stop: 1288, Start Num: 165

Candidate Starts for Pavo_3:

(56, 770), (58, 773), (70, 815), (72, 824), (105, 875), (Start: 157 @968 has 2 MA's), (Start: 165 @974 has 129 MA's), (Start: 194 @1043 has 125 MA's), (Start: 215 @1118 has 1 MA's), (222, 1151),

Gene: Pawn_1 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for Pawn_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Payneful_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Payneful_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: PeaceMeal1_1 Start: 474, Stop: 770, Start Num: 160

Candidate Starts for PeaceMeal1_1:

(54, 270), (Start: 160 @474 has 15 MA's), (Start: 215 @609 has 1 MA's),

Gene: Pelly_2 Start: 782, Stop: 1078, Start Num: 169

Candidate Starts for Pelly_2:

(Start: 169 @782 has 481 MA's), (Start: 213 @905 has 1 MA's), (233, 995), (242, 1031),

Gene: Pembroke_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for Pembroke_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Penny1_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Penny1_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Pepe_2 Start: 860, Stop: 1165, Start Num: 169

Candidate Starts for Pepe_2:

(Start: 133 @812 has 1 MA's), (Start: 169 @860 has 481 MA's), (Start: 213 @983 has 1 MA's), (233, 1073), (242, 1109),

Gene: Percival_75 Start: 46934, Stop: 47236, Start Num: 165

Candidate Starts for Percival_75:

(Start: 165 @46934 has 129 MA's), (Start: 194 @47000 has 125 MA's), (210, 47051), (Start: 215 @47075 has 1 MA's),

Gene: Perplexer_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for Perplexer_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Perseus_1 Start: 595, Stop: 891, Start Num: 169

Candidate Starts for Perseus_1:

(127, 532), (Start: 145 @568 has 3 MA's), (Start: 152 @577 has 1 MA's), (Start: 164 @592 has 77 MA's), (Start: 169 @595 has 481 MA's), (Start: 213 @718 has 1 MA's), (233, 808), (242, 844),

Gene: PeterPeter_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for PeterPeter_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Petersenfast_4 Start: 2359, Stop: 2655, Start Num: 169

Candidate Starts for Petersenfast_4:

(Start: 169 @2359 has 481 MA's), (Start: 182 @2392 has 4 MA's), (Start: 201 @2449 has 1 MA's), (249, 2650),

Gene: Peterson_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Peterson_1:

(Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: PetiteSangsue_1 Start: 542, Stop: 769, Start Num: 194

Candidate Starts for PetiteSangsue_1:

(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: Petp2012_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Petp2012_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Petruchio_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for Petruchio_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: PetterN_1 Start: 502, Stop: 801, Start Num: 164

Candidate Starts for PetterN_1:

(Start: 164 @502 has 77 MA's), (Start: 173 @517 has 28 MA's), (208, 610), (239, 751), (249, 796),

Gene: Ph8s_4 Start: 2160, Stop: 2456, Start Num: 169

Candidate Starts for Ph8s_4:

(119, 2076), (Start: 169 @2160 has 481 MA's), (222, 2328),

Gene: Phacado_1 Start: 537, Stop: 764, Start Num: 194

Candidate Starts for Phacado_1:

(Start: 194 @537 has 125 MA's), (242, 723),

Gene: Phaded_4 Start: 2109, Stop: 2405, Start Num: 169

Candidate Starts for Phaded_4:

(Start: 169 @2109 has 481 MA's), (204, 2208), (229, 2304),

Gene: Phaeder_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Phaeder_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Phantastic_1 Start: 425, Stop: 721, Start Num: 159

Candidate Starts for Phantastic_1:

(Start: 156 @422 has 1 MA's), (Start: 159 @425 has 6 MA's), (Start: 215 @560 has 1 MA's),

Gene: Pharaoh_4 Start: 2218, Stop: 2514, Start Num: 167

Candidate Starts for Pharaoh_4:

(Start: 167 @2218 has 51 MA's), (212, 2335),

Gene: PherrisBueller_2 Start: 863, Stop: 1171, Start Num: 169

Candidate Starts for PherrisBueller_2:

(Start: 133 @815 has 1 MA's), (Start: 169 @863 has 481 MA's), (Start: 213 @986 has 1 MA's), (233, 1076), (242, 1112),

Gene: Phettuccine_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Phettuccine_2:

(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Phighter1804_1 Start: 536, Stop: 763, Start Num: 194

Candidate Starts for Phighter1804_1:

(101, 356), (Start: 194 @536 has 125 MA's), (242, 722),

Gene: Phillis_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for Phillis_1:

(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: PhineBark_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for PhineBark_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: PhinkBoden_15 Start: 3766, Stop: 4074, Start Num: 174

Candidate Starts for PhinkBoden_15:

(Start: 145 @3736 has 3 MA's), (Start: 174 @3766 has 26 MA's), (240, 4030),

Gene: PhishRPhriends_1 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for PhishRPhriends_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Phives_70 Start: 43835, Stop: 44137, Start Num: 165

Candidate Starts for Phives_70:

(Start: 165 @43835 has 129 MA's), (Start: 194 @43901 has 125 MA's), (210, 43952), (226, 44027), (247, 44126),

Gene: Phlippers_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Phlippers_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Phlorence_1 Start: 534, Stop: 833, Start Num: 164

Candidate Starts for Phlorence_1:

(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: Phoebe_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for Phoebe_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Phonnegut_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Phonnegut_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Phontbonne_1 Start: 536, Stop: 763, Start Num: 194

Candidate Starts for Phontbonne_1:

(Start: 194 @536 has 125 MA's), (242, 722),

Gene: Phoxy_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Phoxy_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Phranny_2 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for Phranny_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: PickleBack_1 Start: 535, Stop: 834, Start Num: 164

Candidate Starts for PickleBack_1:

(Start: 164 @535 has 77 MA's), (208, 643), (223, 715), (239, 784), (249, 829),

Gene: PinkPlastic_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for PinkPlastic_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (225, 774), (233, 810), (242, 846),

Gene: Pioneer_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Pioneer_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Pipcraft_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Pipcraft_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Pippin_2 Start: 749, Stop: 1057, Start Num: 166

Candidate Starts for Pippin_2:

(Start: 166 @749 has 23 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: Piro94_4 Start: 2628, Stop: 2924, Start Num: 169

Candidate Starts for Piro94_4:

(63, 2427), (Start: 169 @2628 has 481 MA's),

Gene: Pistachio_1 Start: 420, Stop: 716, Start Num: 169

Candidate Starts for Pistachio_1:

(Start: 169 @420 has 481 MA's), (Start: 215 @555 has 1 MA's),

Gene: Pita2_2 Start: 834, Stop: 1130, Start Num: 169

Candidate Starts for Pita2_2:

(Start: 133 @786 has 1 MA's), (Start: 169 @834 has 481 MA's), (Start: 213 @957 has 1 MA's), (233, 1047), (242, 1083),

Gene: Pixelle_68 Start: 43980, Stop: 44282, Start Num: 165

Candidate Starts for Pixelle_68:

(Start: 165 @43980 has 129 MA's), (Start: 194 @44046 has 125 MA's), (210, 44097), (226, 44172), (247, 44271),

Gene: Pmask_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Pmask_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Pocahontas_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for Pocahontas_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Poise_93 Start: 48691, Stop: 49017, Start Num: 169

Candidate Starts for Poise_93:

(148, 48664), (Start: 169 @48691 has 481 MA's), (Start: 182 @48733 has 4 MA's), (199, 48778), (214, 48838), (224, 48898), (238, 48958),

Gene: Pollux_82 Start: 52125, Stop: 52415, Start Num: 179

Candidate Starts for Pollux_82:

(10, 51612), (26, 51762), (27, 51771), (30, 51798), (33, 51816), (39, 51840), (50, 51879), (55, 51891), (57, 51894), (120, 52029), (Start: 179 @52125 has 22 MA's),

Gene: Polymorphads_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Polymorphads_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Polyphemus_4 Start: 2145, Stop: 2441, Start Num: 169

Candidate Starts for Polyphemus_4:

(Start: 169 @2145 has 481 MA's), (Start: 215 @2280 has 1 MA's),

Gene: Pomar16_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for Pomar16_4:

(Start: 169 @2345 has 481 MA's),

Gene: Pons_74 Start: 47664, Stop: 47978, Start Num: 161

Candidate Starts for Pons_74:

(Start: 152 @47652 has 1 MA's), (Start: 161 @47664 has 9 MA's), (208, 47763), (225, 47850),

Gene: Poompha_1 Start: 472, Stop: 768, Start Num: 160

Candidate Starts for Poompha_1:

(45, 247), (Start: 160 @472 has 15 MA's), (Start: 215 @607 has 1 MA's),

Gene: Posh_79 Start: 51944, Stop: 52234, Start Num: 179

Candidate Starts for Posh_79:

(139, 51887), (144, 51893), (Start: 179 @51944 has 22 MA's),

Gene: PotPie_71 Start: 47864, Stop: 48178, Start Num: 161

Candidate Starts for PotPie_71:

(Start: 152 @47852 has 1 MA's), (Start: 161 @47864 has 9 MA's), (175, 47888), (203, 47957), (231, 48074),

Gene: PotatoSplit_2 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for PotatoSplit_2:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Poushou_54 Start: 39982, Stop: 40287, Start Num: 170

Candidate Starts for Poushou_54:

(Start: 170 @39982 has 3 MA's), (197, 40057), (204, 40078), (222, 40159),

Gene: Power_5 Start: 2567, Stop: 2863, Start Num: 169

Candidate Starts for Power_5:

(Start: 169 @2567 has 481 MA's), (Start: 213 @2690 has 1 MA's),

Gene: PowerRanger_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for PowerRanger_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (225, 774), (233, 810), (242, 846),

Gene: Powerpuff_71 Start: 44281, Stop: 44583, Start Num: 165

Candidate Starts for Powerpuff_71:

(Start: 165 @44281 has 129 MA's), (188, 44332), (Start: 194 @44347 has 125 MA's), (210, 44398), (226, 44473), (247, 44572),

Gene: Priamo_4 Start: 2158, Stop: 2454, Start Num: 169

Candidate Starts for Priamo_4:

(Start: 169 @2158 has 481 MA's), (Start: 215 @2293 has 1 MA's),

Gene: Pringar_88 Start: 48479, Stop: 48805, Start Num: 169

Candidate Starts for Pringar_88:

(163, 48473), (Start: 169 @48479 has 481 MA's), (Start: 182 @48521 has 4 MA's), (199, 48566), (214, 48626), (224, 48686), (238, 48746),

Gene: Priya_4 Start: 2332, Stop: 2625, Start Num: 169

Candidate Starts for Priya_4:

(Start: 141 @2305 has 2 MA's), (Start: 169 @2332 has 481 MA's), (208, 2434), (Start: 213 @2452 has 1 MA's),

Gene: ProMouse_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for ProMouse_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (242, 845),

Gene: Provolone_4 Start: 978, Stop: 1292, Start Num: 165

Candidate Starts for Provolone_4:

(70, 825), (89, 858), (93, 864), (97, 870), (Start: 157 @972 has 2 MA's), (Start: 165 @978 has 129 MA's), (Start: 194 @1047 has 125 MA's), (Start: 215 @1122 has 1 MA's), (222, 1155),

Gene: Puginator_3 Start: 1036, Stop: 1350, Start Num: 165

Candidate Starts for Puginator_3:

(71, 883), (117, 964), (Start: 156 @1030 has 1 MA's), (Start: 165 @1036 has 129 MA's), (Start: 194 @1105 has 125 MA's), (Start: 215 @1180 has 1 MA's),

Gene: Pukovnik_4 Start: 2088, Stop: 2384, Start Num: 169

Candidate Starts for Pukovnik_4:

(Start: 169 @2088 has 481 MA's), (229, 2283),

Gene: Pumbaa_1 Start: 536, Stop: 763, Start Num: 194

Candidate Starts for Pumbaa_1:

(101, 356), (Start: 194 @536 has 125 MA's), (242, 722),

Gene: Puppet_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Puppet_1:

(Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Puppy_1 Start: 420, Stop: 716, Start Num: 169

Candidate Starts for Puppy_1:

(Start: 169 @420 has 481 MA's), (Start: 215 @555 has 1 MA's),

Gene: PurpleHaze_1 Start: 522, Stop: 824, Start Num: 158

Candidate Starts for PurpleHaze_1:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: Pytheas_83 Start: 53170, Stop: 53460, Start Num: 179

Candidate Starts for Pytheas_83:

(139, 53113), (144, 53119), (Start: 179 @53170 has 22 MA's),

Gene: QTRLifeCrisis_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for QTRLifeCrisis_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Qobbit_4 Start: 2305, Stop: 2625, Start Num: 141

Candidate Starts for Qobbit_4:

(Start: 141 @2305 has 2 MA's), (Start: 169 @2332 has 481 MA's), (208, 2434), (Start: 213 @2452 has 1 MA's),

Gene: Quasar_71 Start: 46628, Stop: 46939, Start Num: 157

Candidate Starts for Quasar_71:

(Start: 157 @46628 has 2 MA's), (Start: 173 @46649 has 28 MA's), (211, 46748),

Gene: QueenB2_5 Start: 2671, Stop: 2967, Start Num: 169

Candidate Starts for QueenB2_5:

(Start: 169 @2671 has 481 MA's), (Start: 213 @2794 has 1 MA's),

Gene: QueenBeesly_5 Start: 2568, Stop: 2864, Start Num: 169

Candidate Starts for QueenBeesly_5:

(Start: 169 @2568 has 481 MA's), (Start: 213 @2691 has 1 MA's),

Gene: R4_1 Start: 671, Stop: 985, Start Num: 165

Candidate Starts for R4_1:

(58, 464), (117, 593), (Start: 157 @662 has 2 MA's), (Start: 165 @671 has 129 MA's), (Start: 215 @815 has 1 MA's), (217, 827),

Gene: RSchmailzl_71 Start: 46181, Stop: 46486, Start Num: 173

Candidate Starts for RSchmailzl_71:

(117, 46082), (137, 46133), (138, 46136), (Start: 156 @46160 has 1 MA's), (Start: 173 @46181 has 28 MA's), (211, 46295),

Gene: Rachaly_5 Start: 2538, Stop: 2834, Start Num: 169

Candidate Starts for Rachaly_5:

(Start: 169 @2538 has 481 MA's),

Gene: Raela_94 Start: 49242, Stop: 49568, Start Num: 169

Candidate Starts for Raela_94:

(148, 49215), (Start: 169 @49242 has 481 MA's), (Start: 182 @49284 has 4 MA's), (199, 49329), (214, 49389), (224, 49449), (238, 49509),

Gene: Rahalelujah_4 Start: 2102, Stop: 2395, Start Num: 169

Candidate Starts for Rahalelujah_4:

(Start: 169 @2102 has 481 MA's), (208, 2204), (Start: 213 @2222 has 1 MA's),

Gene: Raid_2 Start: 783, Stop: 1079, Start Num: 169

Candidate Starts for Raid_2:

(Start: 169 @783 has 481 MA's), (Start: 213 @906 has 1 MA's), (233, 996), (242, 1032),

Gene: Rajelicia_2 Start: 750, Stop: 1046, Start Num: 169

Candidate Starts for Rajelicia_2:

(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Rana_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Rana_2:

(69, 591), (Start: 164 @726 has 77 MA's), (196, 798), (205, 828), (217, 879),

Gene: RanchParmCat_74 Start: 46910, Stop: 47206, Start Num: 173

Candidate Starts for RanchParmCat_74:

(Start: 169 @46901 has 481 MA's), (Start: 173 @46910 has 28 MA's), (187, 46955), (205, 47009), (217, 47045),

Gene: Ravana_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Ravana_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: ReMo_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for ReMo_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: Reba_2 Start: 531, Stop: 824, Start Num: 167

Candidate Starts for Reba_2:

(Start: 158 @522 has 38 MA's), (Start: 167 @531 has 51 MA's), (Start: 194 @597 has 125 MA's),

Gene: RedBear_3 Start: 726, Stop: 1040, Start Num: 164

Candidate Starts for RedBear_3:

(68, 582), (Start: 164 @726 has 77 MA's), (196, 798), (217, 882),

Gene: RedRaider77_92 Start: 48636, Stop: 48962, Start Num: 169

Candidate Starts for RedRaider77_92:

(148, 48609), (Start: 169 @48636 has 481 MA's), (Start: 182 @48678 has 4 MA's), (199, 48723), (214, 48783), (224, 48843), (238, 48903),

Gene: RedRock_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for RedRock_4:

(Start: 169 @2278 has 481 MA's), (Start: 213 @2401 has 1 MA's),

Gene: Reedo_68 Start: 41440, Stop: 41742, Start Num: 165

Candidate Starts for Reedo_68:

(Start: 165 @41440 has 129 MA's), (Start: 191 @41500 has 14 MA's), (Start: 194 @41506 has 125 MA's), (210, 41557), (226, 41632), (247, 41731), (248, 41734),

Gene: Refuge_4 Start: 2250, Stop: 2546, Start Num: 169

Candidate Starts for Refuge_4:

(Start: 169 @2250 has 481 MA's),

Gene: Relief_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Relief_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Remus_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Remus_4:

(Start: 169 @2278 has 481 MA's),

Gene: Renaud18_112 Start: 57550, Stop: 57837, Start Num: 179

Candidate Starts for Renaud18_112:

(17, 57079), (43, 57280), (60, 57319), (81, 57385), (84, 57388), (144, 57499), (Start: 179 @57550 has 22 MA's),

Gene: ResDef_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for ResDef_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Retro23_5 Start: 2671, Stop: 2967, Start Num: 169

Candidate Starts for Retro23_5:

(Start: 169 @2671 has 481 MA's), (Start: 213 @2794 has 1 MA's),

Gene: RhynO_1 Start: 474, Stop: 770, Start Num: 160

Candidate Starts for RhynO_1:

(Start: 160 @474 has 15 MA's), (Start: 215 @609 has 1 MA's),

Gene: Rhynn_1 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Rhynn_1:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: RidgeCB_2 Start: 748, Stop: 1044, Start Num: 166

Candidate Starts for RidgeCB_2:

(Start: 166 @748 has 23 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Rifter_4 Start: 2132, Stop: 2428, Start Num: 169

Candidate Starts for Rifter_4:

(Start: 169 @2132 has 481 MA's), (Start: 215 @2267 has 1 MA's),

Gene: Ringer_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for Ringer_1:

(Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 164 @594 has 77 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: Roary_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for Roary_1:

(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: RockScotty_62 Start: 39638, Stop: 39880, Start Num: 191

Candidate Starts for RockScotty_62:

(Start: 165 @39578 has 129 MA's), (Start: 191 @39638 has 14 MA's), (Start: 194 @39644 has 125 MA's),

Gene: Rohr_2 Start: 832, Stop: 1128, Start Num: 169

Candidate Starts for Rohr_2:

(Start: 133 @784 has 1 MA's), (Start: 169 @832 has 481 MA's), (Start: 213 @955 has 1 MA's), (233, 1045), (242, 1081),

Gene: Roimos_1 Start: 416, Stop: 712, Start Num: 159

Candidate Starts for Roimos_1:

(91, 293), (153, 410), (Start: 159 @416 has 6 MA's), (Start: 215 @551 has 1 MA's),

Gene: Roksolana_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Roksolana_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Romney_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Romney_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: RonRayGun_59 Start: 41099, Stop: 41398, Start Num: 86
Candidate Starts for RonRayGun_59:
(Start: 86 @41099 has 6 MA's), (217, 41222),

Gene: Roosevelt_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Roosevelt_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Rosalind_4 Start: 2425, Stop: 2721, Start Num: 169
Candidate Starts for Rosalind_4:
(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: Rubeus_2 Start: 748, Stop: 1044, Start Num: 169
Candidate Starts for Rubeus_2:
(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Rufus_2 Start: 747, Stop: 1043, Start Num: 169
Candidate Starts for Rufus_2:
(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: Ruin_1 Start: 537, Stop: 764, Start Num: 194
Candidate Starts for Ruin_1:
(Start: 194 @537 has 125 MA's), (242, 723),

Gene: Rummer_1 Start: 518, Stop: 820, Start Num: 158
Candidate Starts for Rummer_1:
(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Ruotula_2 Start: 1335, Stop: 1625, Start Num: 178
Candidate Starts for Ruotula_2:
(19, 900), (34, 1008), (36, 1017), (88, 1173), (94, 1182), (95, 1185), (Start: 178 @1335 has 4 MA's),
(187, 1362), (233, 1542), (242, 1578),

Gene: Rusticus_2 Start: 746, Stop: 1060, Start Num: 164
Candidate Starts for Rusticus_2:
(114, 668), (Start: 164 @746 has 77 MA's), (217, 902),

Gene: Rutherferd_1 Start: 597, Stop: 893, Start Num: 169
Candidate Starts for Rutherferd_1:
(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: RyeScarlet_5 Start: 2335, Stop: 2628, Start Num: 169
Candidate Starts for RyeScarlet_5:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: SPB78_77 Start: 49993, Stop: 50292, Start Num: 164
Candidate Starts for SPB78_77:
(Start: 164 @49993 has 77 MA's), (188, 50050), (209, 50110),

Gene: STLscum_2 Start: 861, Stop: 1166, Start Num: 169
Candidate Starts for STLscum_2:
(Start: 133 @813 has 1 MA's), (Start: 169 @861 has 481 MA's), (Start: 213 @984 has 1 MA's), (233, 1074), (242, 1110),

Gene: Sabertooth_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Sabertooth_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Sabia_1 Start: 518, Stop: 820, Start Num: 158
Candidate Starts for Sabia_1:
(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Sabinator_1 Start: 526, Stop: 819, Start Num: 167
Candidate Starts for Sabinator_1:
(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Saftant_2 Start: 978, Stop: 1292, Start Num: 165
Candidate Starts for Saftant_2:
(74, 831), (92, 855), (98, 864), (Start: 157 @969 has 2 MA's), (Start: 160 @972 has 15 MA's), (Start: 165 @978 has 129 MA's), (Start: 215 @1122 has 1 MA's),

Gene: Sagefire_2 Start: 699, Stop: 995, Start Num: 169
Candidate Starts for Sagefire_2:
(Start: 169 @699 has 481 MA's), (Start: 213 @822 has 1 MA's), (233, 912), (242, 948),

Gene: Saintus_1 Start: 505, Stop: 798, Start Num: 169
Candidate Starts for Saintus_1:
(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: Salvus_67 Start: 46426, Stop: 46698, Start Num: 189
Candidate Starts for Salvus_67:
(129, 46297), (Start: 181 @46399 has 1 MA's), (Start: 189 @46426 has 1 MA's), (207, 46477), (237, 46630),

Gene: Salz_4 Start: 2356, Stop: 2652, Start Num: 169
Candidate Starts for Salz_4:
(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Samy_101 Start: 60454, Stop: 60759, Start Num: 165
Candidate Starts for Samy_101:
(Start: 165 @60454 has 129 MA's), (204, 60550), (210, 60571), (Start: 215 @60595 has 1 MA's), (222, 60628), (241, 60712), (244, 60718),

Gene: Sandaddy_1 Start: 722, Stop: 895, Start Num: 213

Candidate Starts for Sandaddy_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 182 @632 has 4 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Sanya_2 Start: 1334, Stop: 1624, Start Num: 178

Candidate Starts for Sanya_2:

(19, 899), (36, 1016), (88, 1172), (94, 1181), (95, 1184), (Start: 178 @1334 has 4 MA's), (187, 1361), (233, 1541), (242, 1577),

Gene: SarFire_2 Start: 757, Stop: 1053, Start Num: 169

Candidate Starts for SarFire_2:

(Start: 169 @757 has 481 MA's), (Start: 213 @880 has 1 MA's), (233, 970), (242, 1006),

Gene: SarahRose_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for SarahRose_2:

(69, 588), (85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (217, 882),

Gene: Saskia_4 Start: 2359, Stop: 2655, Start Num: 169

Candidate Starts for Saskia_4:

(Start: 169 @2359 has 481 MA's), (Start: 182 @2392 has 4 MA's), (Start: 201 @2449 has 1 MA's), (249, 2650),

Gene: Scamp_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Scamp_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Scherzo_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Scherzo_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Scorpia_1 Start: 502, Stop: 801, Start Num: 164

Candidate Starts for Scorpia_1:

(Start: 164 @502 has 77 MA's), (Start: 173 @517 has 28 MA's), (208, 610), (239, 751), (249, 796),

Gene: Scout_1 Start: 416, Stop: 712, Start Num: 159

Candidate Starts for Scout_1:

(91, 293), (153, 410), (Start: 159 @416 has 6 MA's), (Start: 215 @551 has 1 MA's),

Gene: Scowl_2 Start: 986, Stop: 1294, Start Num: 166

Candidate Starts for Scowl_2:

(Start: 166 @986 has 23 MA's), (Start: 213 @1109 has 1 MA's), (233, 1199), (242, 1235),

Gene: Seabiscuit_2 Start: 749, Stop: 1045, Start Num: 169

Candidate Starts for Seabiscuit_2:

(Start: 169 @749 has 481 MA's), (Start: 213 @872 has 1 MA's), (225, 926), (233, 962), (242, 998),

Gene: Seanderson_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for Seanderson_1:

(127, 537), (Start: 145 @573 has 3 MA's), (Start: 152 @582 has 1 MA's), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: SemperFi_5 Start: 2562, Stop: 2858, Start Num: 169

Candidate Starts for SemperFi_5:
(Start: 169 @2562 has 481 MA's), (Start: 213 @2685 has 1 MA's),

Gene: SenorClean_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for SenorClean_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Serenity_4 Start: 2328, Stop: 2624, Start Num: 169
Candidate Starts for Serenity_4:
(Start: 169 @2328 has 481 MA's),

Gene: Severus_1 Start: 472, Stop: 768, Start Num: 160
Candidate Starts for Severus_1:
(45, 247), (Start: 160 @472 has 15 MA's), (Start: 215 @607 has 1 MA's),

Gene: ShakeltOph_70 Start: 43243, Stop: 43605, Start Num: 165
Candidate Starts for ShakeltOph_70:
(90, 43126), (Start: 165 @43243 has 129 MA's), (Start: 191 @43312 has 14 MA's), (Start: 194 @43318 has 125 MA's), (243, 43513), (251, 43555),

Gene: Sham4_4 Start: 2359, Stop: 2655, Start Num: 169
Candidate Starts for Sham4_4:
(Start: 169 @2359 has 481 MA's), (Start: 182 @2392 has 4 MA's), (Start: 201 @2449 has 1 MA's), (249, 2650),

Gene: ShayRa_5 Start: 2425, Stop: 2721, Start Num: 169
Candidate Starts for ShayRa_5:
(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: SheaKeira_4 Start: 2123, Stop: 2416, Start Num: 169
Candidate Starts for SheaKeira_4:
(Start: 169 @2123 has 481 MA's), (Start: 201 @2210 has 1 MA's), (208, 2225), (Start: 213 @2243 has 1 MA's),

Gene: Sheen_1 Start: 397, Stop: 693, Start Num: 159
Candidate Starts for Sheen_1:
(108, 301), (Start: 159 @397 has 6 MA's), (239, 643),

Gene: SheldonCooper_1 Start: 536, Stop: 763, Start Num: 194
Candidate Starts for SheldonCooper_1:
(Start: 155 @461 has 2 MA's), (Start: 194 @536 has 125 MA's), (242, 722),

Gene: ShortQueendom_1 Start: 599, Stop: 895, Start Num: 169
Candidate Starts for ShortQueendom_1:
(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Shygu2_1 Start: 542, Stop: 769, Start Num: 194
Candidate Starts for Shygu2_1:
(Start: 194 @542 has 125 MA's), (242, 728),

Gene: Sibs6_2 Start: 748, Stop: 1044, Start Num: 169
Candidate Starts for Sibs6_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Skelbel_70 Start: 43234, Stop: 43536, Start Num: 165

Candidate Starts for Skelbel_70:

(Start: 165 @43234 has 129 MA's), (188, 43285), (Start: 194 @43300 has 125 MA's), (210, 43351), (226, 43426), (247, 43525),

Gene: SkiPole_2 Start: 861, Stop: 1166, Start Num: 169

Candidate Starts for SkiPole_2:

(Start: 133 @813 has 1 MA's), (Start: 169 @861 has 481 MA's), (Start: 213 @984 has 1 MA's), (233, 1074), (242, 1110),

Gene: Skipitt_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Skipitt_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Sknot_5 Start: 2624, Stop: 2920, Start Num: 169

Candidate Starts for Sknot_5:

(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Slagathor_2 Start: 750, Stop: 1046, Start Num: 169

Candidate Starts for Slagathor_2:

(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Smairt_1 Start: 595, Stop: 891, Start Num: 169

Candidate Starts for Smairt_1:

(127, 532), (Start: 145 @568 has 3 MA's), (Start: 152 @577 has 1 MA's), (Start: 164 @592 has 77 MA's), (Start: 169 @595 has 481 MA's), (Start: 213 @718 has 1 MA's), (233, 808), (242, 844),

Gene: Smeadley_1 Start: 505, Stop: 798, Start Num: 169

Candidate Starts for Smeadley_1:

(Start: 169 @505 has 481 MA's), (Start: 201 @592 has 1 MA's), (223, 679), (242, 757), (249, 793),

Gene: Smeagan_5 Start: 2550, Stop: 2846, Start Num: 169

Candidate Starts for Smeagan_5:

(Start: 169 @2550 has 481 MA's), (Start: 213 @2673 has 1 MA's),

Gene: Smeagol_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Smeagol_1:

(Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: SmellyB_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for SmellyB_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Smoothie_14 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Smoothie_14:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: SnapTap_5 Start: 2567, Stop: 2863, Start Num: 169

Candidate Starts for SnapTap_5:

(Start: 169 @2567 has 481 MA's), (Start: 213 @2690 has 1 MA's),

Gene: Snape_4 Start: 2362, Stop: 2658, Start Num: 169

Candidate Starts for Snape_4:

(Start: 169 @2362 has 481 MA's), (Start: 182 @2395 has 4 MA's), (Start: 201 @2452 has 1 MA's), (249, 2653),

Gene: Snazzy_1 Start: 595, Stop: 891, Start Num: 169

Candidate Starts for Snazzy_1:

(127, 532), (Start: 145 @568 has 3 MA's), (Start: 152 @577 has 1 MA's), (Start: 169 @595 has 481 MA's), (Start: 213 @718 has 1 MA's), (233, 808), (242, 844),

Gene: Snek_68 Start: 40495, Stop: 40800, Start Num: 165

Candidate Starts for Snek_68:

(Start: 165 @40495 has 129 MA's), (Start: 191 @40555 has 14 MA's), (Start: 194 @40561 has 125 MA's), (210, 40612), (247, 40786),

Gene: Snickers_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Snickers_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Snorlax_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for Snorlax_2:

(69, 588), (85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (217, 882),

Gene: SoYo_1 Start: 592, Stop: 819, Start Num: 194

Candidate Starts for SoYo_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Socotra_72 Start: 46272, Stop: 46562, Start Num: 173

Candidate Starts for Socotra_72:

(Start: 157 @46251 has 2 MA's), (Start: 173 @46272 has 28 MA's), (211, 46371),

Gene: SoilDragon_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for SoilDragon_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Solon_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Solon_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Soondubu_62 Start: 44779, Stop: 45078, Start Num: 165

Candidate Starts for Soondubu_62:

(83, 44641), (Start: 165 @44779 has 129 MA's), (Start: 194 @44845 has 125 MA's), (210, 44896), (247, 45070),

Gene: Sooty_63 Start: 39748, Stop: 39990, Start Num: 191

Candidate Starts for Sooty_63:

(Start: 165 @39688 has 129 MA's), (Start: 191 @39748 has 14 MA's), (Start: 194 @39754 has 125 MA's),

Gene: Sopespian_68 Start: 45761, Stop: 46066, Start Num: 173

Candidate Starts for Sopespian_68:

(Start: 157 @45740 has 2 MA's), (Start: 173 @45761 has 28 MA's), (211, 45875),

Gene: SororFago_4 Start: 2399, Stop: 2695, Start Num: 169

Candidate Starts for SororFago_4:

(Start: 169 @2399 has 481 MA's), (210, 2510),

Gene: Sorpresa_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Sorpresa_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 169 @599 has 481 MA's), (Start: 182 @632 has 4 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Soshari_3 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for Soshari_3:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Soups_4 Start: 2425, Stop: 2721, Start Num: 169

Candidate Starts for Soups_4:

(Start: 169 @2425 has 481 MA's),

Gene: South40_2 Start: 726, Stop: 1040, Start Num: 164

Candidate Starts for South40_2:

(68, 582), (Start: 164 @726 has 77 MA's), (196, 798), (217, 882),

Gene: Sparky_95 Start: 62955, Stop: 63257, Start Num: 176

Candidate Starts for Sparky_95:

(61, 62730), (108, 62826), (116, 62841), (122, 62859), (136, 62895), (139, 62901), (Start: 176 @62955 has 2 MA's), (186, 62988), (253, 63246),

Gene: Sparxx_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Sparxx_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: SpecialK_63 Start: 39717, Stop: 39953, Start Num: 194

Candidate Starts for SpecialK_63:

(Start: 165 @39651 has 129 MA's), (Start: 191 @39711 has 14 MA's), (Start: 194 @39717 has 125 MA's),

Gene: SpeedDemon_90 Start: 4494, Stop: 4802, Start Num: 174

Candidate Starts for SpeedDemon_90:

(Start: 174 @4494 has 26 MA's), (197, 4566), (216, 4632),

Gene: Speedwell_3 Start: 947, Stop: 1261, Start Num: 165

Candidate Starts for Speedwell_3:

(49, 725), (64, 764), (Start: 157 @938 has 2 MA's), (Start: 160 @941 has 15 MA's), (Start: 165 @947 has 129 MA's), (Start: 215 @1091 has 1 MA's),

Gene: Spike509_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Spike509_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: SpikeBT_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for SpikeBT_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Spino_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Spino_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Spouty_4 Start: 2332, Stop: 2625, Start Num: 169

Candidate Starts for Spouty_4:

(Start: 141 @2305 has 2 MA's), (Start: 169 @2332 has 481 MA's), (208, 2434), (Start: 213 @2452 has 1 MA's),

Gene: SqueakyClean_3 Start: 1027, Stop: 1341, Start Num: 165

Candidate Starts for SqueakyClean_3:

(Start: 165 @1027 has 129 MA's), (Start: 194 @1096 has 125 MA's), (Start: 215 @1171 has 1 MA's),

Gene: Squee_1 Start: 606, Stop: 902, Start Num: 169

Candidate Starts for Squee_1:

(127, 543), (Start: 145 @579 has 3 MA's), (Start: 152 @588 has 1 MA's), (Start: 169 @606 has 481 MA's), (Start: 213 @729 has 1 MA's), (233, 819), (242, 855),

Gene: Stagni_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Stagni_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: StarStuff_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for StarStuff_4:

(Start: 169 @2345 has 481 MA's),

Gene: Stasia_1 Start: 544, Stop: 771, Start Num: 194

Candidate Starts for Stasia_1:

(Start: 194 @544 has 125 MA's), (242, 730),

Gene: SteMason_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for SteMason_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Steamy_4 Start: 2222, Stop: 2518, Start Num: 169

Candidate Starts for Steamy_4:

(Start: 169 @2222 has 481 MA's), (Start: 194 @2288 has 125 MA's),

Gene: Stellammi_180 Start: 80295, Stop: 80594, Start Num: 158

Candidate Starts for Stellammi_180:

(Start: 158 @80295 has 38 MA's), (183, 80352), (211, 80430), (223, 80484), (225, 80490), (226, 80493), (235, 80535), (240, 80556), (245, 80565),

Gene: StepMih_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for StepMih_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Stephig9_1 Start: 506, Stop: 799, Start Num: 169

Candidate Starts for Stephig9_1:

(Start: 169 @506 has 481 MA's), (Start: 201 @593 has 1 MA's), (223, 680), (242, 758), (249, 794),

Gene: StewieG_1 Start: 597, Stop: 893, Start Num: 169

Candidate Starts for StewieG_1:

(127, 534), (Start: 145 @570 has 3 MA's), (Start: 152 @579 has 1 MA's), (Start: 169 @597 has 481 MA's), (Start: 213 @720 has 1 MA's), (233, 810), (242, 846),

Gene: StrongArm_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for StrongArm_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 164 @596 has 77 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Strosahl_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Strosahl_4:

(Start: 169 @2278 has 481 MA's),

Gene: Stuu_63 Start: 39820, Stop: 40062, Start Num: 191

Candidate Starts for Stuu_63:

(Start: 165 @39760 has 129 MA's), (Start: 191 @39820 has 14 MA's), (Start: 194 @39826 has 125 MA's),

Gene: SuMoo_83 Start: 48762, Stop: 49061, Start Num: 165

Candidate Starts for SuMoo_83:

(24, 48399), (29, 48429), (40, 48498), (Start: 165 @48762 has 129 MA's), (Start: 194 @48828 has 125 MA's), (210, 48879), (226, 48954),

Gene: Subaru_68 Start: 43103, Stop: 43405, Start Num: 165

Candidate Starts for Subaru_68:

(Start: 165 @43103 has 129 MA's), (188, 43154), (Start: 194 @43169 has 125 MA's), (210, 43220), (226, 43295), (247, 43394),

Gene: Sudan_2 Start: 972, Stop: 1286, Start Num: 165

Candidate Starts for Sudan_2:

(Start: 157 @966 has 2 MA's), (Start: 165 @972 has 129 MA's), (Start: 194 @1041 has 125 MA's), (Start: 215 @1116 has 1 MA's), (222, 1149),

Gene: Sue2_68 Start: 41870, Stop: 42175, Start Num: 165

Candidate Starts for Sue2_68:

(139, 41837), (Start: 165 @41870 has 129 MA's), (Start: 194 @41936 has 125 MA's), (210, 41987), (247, 42161),

Gene: Sujidade_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Sujidade_2:

(69, 588), (Start: 164 @723 has 77 MA's), (196, 795), (Start: 213 @852 has 1 MA's),

Gene: Sultana_1 Start: 539, Stop: 766, Start Num: 194

Candidate Starts for Sultana_1:

(Start: 194 @539 has 125 MA's), (242, 725),

Gene: SummitAcademy_71 Start: 47007, Stop: 47324, Start Num: 161

Candidate Starts for SummitAcademy_71:

(Start: 152 @46995 has 1 MA's), (Start: 161 @47007 has 9 MA's), (175, 47031), (203, 47100), (231, 47217),

Gene: Sumter_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Sumter_1:

(Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Sunhee_4 Start: 2416, Stop: 2712, Start Num: 169

Candidate Starts for Sunhee_4:

(123, 2344), (Start: 169 @2416 has 481 MA's), (207, 2518), (210, 2527),

Gene: SunkenRoot_2 Start: 953, Stop: 1267, Start Num: 165

Candidate Starts for SunkenRoot_2:

(105, 854), (Start: 157 @947 has 2 MA's), (Start: 165 @953 has 129 MA's), (Start: 194 @1022 has 125 MA's), (Start: 215 @1097 has 1 MA's), (222, 1130),

Gene: SunsetPointe_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for SunsetPointe_2:

(Start: 164 @739 has 77 MA's), (217, 895),

Gene: Sunshine924_1 Start: 595, Stop: 891, Start Num: 169

Candidate Starts for Sunshine924_1:

(127, 532), (Start: 145 @568 has 3 MA's), (Start: 152 @577 has 1 MA's), (Start: 169 @595 has 481 MA's), (Start: 213 @718 has 1 MA's), (233, 808), (242, 844),

Gene: SuperAwesome_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for SuperAwesome_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: SuperCallie99_4 Start: 2144, Stop: 2440, Start Num: 169

Candidate Starts for SuperCallie99_4:

(Start: 169 @2144 has 481 MA's), (Start: 215 @2279 has 1 MA's),

Gene: SuperHands_73 Start: 47553, Stop: 47855, Start Num: 165

Candidate Starts for SuperHands_73:

(Start: 165 @47553 has 129 MA's), (210, 47670), (Start: 215 @47694 has 1 MA's),

Gene: Superchunk_4 Start: 2154, Stop: 2450, Start Num: 169

Candidate Starts for Superchunk_4:

(Start: 169 @2154 has 481 MA's), (229, 2349),

Gene: Survivors_69 Start: 45115, Stop: 45432, Start Num: 173

Candidate Starts for Survivors_69:

(Start: 173 @45115 has 28 MA's), (217, 45253), (231, 45322),

Gene: SweatNTears_71 Start: 45622, Stop: 45897, Start Num: 173

Candidate Starts for SweatNTears_71:

(Start: 171 @45619 has 2 MA's), (Start: 173 @45622 has 28 MA's), (186, 45664), (Start: 190 @45676 has 1 MA's), (195, 45688), (221, 45766), (222, 45769),

Gene: SweetiePie_5 Start: 2568, Stop: 2864, Start Num: 169

Candidate Starts for SweetiePie_5:

(Start: 169 @2568 has 481 MA's), (Start: 213 @2691 has 1 MA's),

Gene: SwirlSquare_4 Start: 2153, Stop: 2449, Start Num: 169

Candidate Starts for SwirlSquare_4:

(Start: 169 @2153 has 481 MA's),

Gene: SwissCheese_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for SwissCheese_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (225, 773), (233, 809), (242, 845),

Gene: Switzer_2 Start: 747, Stop: 1043, Start Num: 166

Candidate Starts for Switzer_2:

(Start: 166 @747 has 23 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: Switzerland_4 Start: 2425, Stop: 2721, Start Num: 169

Candidate Starts for Switzerland_4:

(Start: 169 @2425 has 481 MA's), (Start: 201 @2515 has 1 MA's),

Gene: Swole_2 Start: 834, Stop: 1130, Start Num: 169

Candidate Starts for Swole_2:

(Start: 133 @786 has 1 MA's), (Start: 169 @834 has 481 MA's), (Start: 213 @957 has 1 MA's), (233, 1047), (242, 1083),

Gene: TChen_101 Start: 57213, Stop: 57500, Start Num: 179

Candidate Starts for TChen_101:

(17, 56742), (43, 56943), (60, 56982), (81, 57048), (84, 57051), (144, 57162), (Start: 179 @57213 has 22 MA's),

Gene: TNguyen7_1 Start: 418, Stop: 714, Start Num: 169

Candidate Starts for TNguyen7_1:

(Start: 169 @418 has 481 MA's), (Start: 215 @553 has 1 MA's),

Gene: TagePhighter_3 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for TagePhighter_3:

(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (217, 883),

Gene: Tailonex_1 Start: 347, Stop: 655, Start Num: 151

Candidate Starts for Tailonex_1:

(151, 347), (Start: 182 @392 has 4 MA's),

Gene: Tallboi_69 Start: 43220, Stop: 43522, Start Num: 165

Candidate Starts for Tallboi_69:

(Start: 165 @43220 has 129 MA's), (223, 43403), (247, 43511),

Gene: Taquarus_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Taquarus_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Target_2 Start: 851, Stop: 1147, Start Num: 169

Candidate Starts for Target_2:

(Start: 133 @803 has 1 MA's), (Start: 169 @851 has 481 MA's), (Start: 213 @974 has 1 MA's), (233, 1064), (242, 1100),

Gene: TarsusIV_5 Start: 2568, Stop: 2864, Start Num: 169

Candidate Starts for TarsusIV_5:

(Start: 169 @2568 has 481 MA's),

Gene: Tasp14_2 Start: 770, Stop: 1066, Start Num: 169

Candidate Starts for Tasp14_2:

(154, 755), (Start: 169 @770 has 481 MA's), (Start: 213 @893 has 1 MA's), (233, 983), (242, 1019),

Gene: Taurus_1 Start: 517, Stop: 819, Start Num: 158

Candidate Starts for Taurus_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Tbone_69 Start: 43742, Stop: 44044, Start Num: 165

Candidate Starts for Tbone_69:

(Start: 165 @43742 has 129 MA's), (188, 43793), (Start: 194 @43808 has 125 MA's), (210, 43859), (226, 43934), (247, 44033),

Gene: Tefunt_2 Start: 643, Stop: 966, Start Num: 156

Candidate Starts for Tefunt_2:

(Start: 156 @643 has 1 MA's), (Start: 165 @652 has 129 MA's), (Start: 215 @796 has 1 MA's), (222, 829),

Gene: Temprado_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Temprado_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Teodoridan_1 Start: 600, Stop: 896, Start Num: 169

Candidate Starts for Teodoridan_1:

(127, 537), (Start: 145 @573 has 3 MA's), (Start: 152 @582 has 1 MA's), (Start: 169 @600 has 481 MA's), (Start: 213 @723 has 1 MA's), (233, 813), (242, 849),

Gene: Terrific_6 Start: 2620, Stop: 2916, Start Num: 169

Candidate Starts for Terrific_6:

(63, 2419), (Start: 169 @2620 has 481 MA's),

Gene: Tesla_88 Start: 48485, Stop: 48811, Start Num: 169

Candidate Starts for Tesla_88:

(148, 48458), (Start: 169 @48485 has 481 MA's), (Start: 182 @48527 has 4 MA's), (199, 48572), (214, 48632), (224, 48692), (238, 48752),

Gene: TforTroy_69 Start: 43283, Stop: 43591, Start Num: 165

Candidate Starts for TforTroy_69:

(52, 43070), (Start: 165 @43283 has 129 MA's), (223, 43466), (226, 43475), (247, 43574),

Gene: Thanksgivukkah_1 Start: 539, Stop: 766, Start Num: 194

Candidate Starts for Thanksgivukkah_1:

(Start: 194 @539 has 125 MA's), (242, 725),

Gene: TheloniousMonk_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for TheloniousMonk_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Thestral_2 Start: 639, Stop: 953, Start Num: 165

Candidate Starts for Thestral_2:

(Start: 165 @639 has 129 MA's), (Start: 215 @783 has 1 MA's),

Gene: Thor_2 Start: 757, Stop: 1053, Start Num: 169

Candidate Starts for Thor_2:

(Start: 169 @757 has 481 MA's), (Start: 213 @880 has 1 MA's), (233, 970), (242, 1006),

Gene: ThursdayNight_74 Start: 45478, Stop: 45777, Start Num: 165

Candidate Starts for ThursdayNight_74:

(Start: 165 @45478 has 129 MA's), (Start: 194 @45544 has 125 MA's), (226, 45670), (247, 45769),

Gene: Tian_67 Start: 43915, Stop: 44217, Start Num: 165

Candidate Starts for Tian_67:

(Start: 165 @43915 has 129 MA's), (Start: 194 @43981 has 125 MA's), (210, 44032), (223, 44098), (247, 44206),

Gene: Tiffany_1 Start: 527, Stop: 820, Start Num: 167

Candidate Starts for Tiffany_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Tiger_1 Start: 534, Stop: 833, Start Num: 164

Candidate Starts for Tiger_1:

(66, 372), (Start: 164 @534 has 77 MA's), (208, 642), (223, 714), (239, 783), (249, 828),

Gene: Timothy_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for Timothy_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: Timshel_1 Start: 408, Stop: 704, Start Num: 169

Candidate Starts for Timshel_1:

(106, 297), (Start: 169 @408 has 481 MA's), (239, 654), (246, 672),

Gene: TinaBelcher_2 Start: 639, Stop: 953, Start Num: 165

Candidate Starts for TinaBelcher_2:

(Start: 165 @639 has 129 MA's), (Start: 215 @783 has 1 MA's),

Gene: TinaFeyge_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for TinaFeyge_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: TinyPebbles_1 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for TinyPebbles_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: TinyTimmy_4 Start: 2356, Stop: 2652, Start Num: 169

Candidate Starts for TinyTimmy_4:

(Start: 169 @2356 has 481 MA's), (Start: 182 @2389 has 4 MA's), (Start: 201 @2446 has 1 MA's), (249, 2647),

Gene: TipsytheTRex_4 Start: 2326, Stop: 2622, Start Num: 169

Candidate Starts for TipsytheTRex_4:

(Start: 169 @2326 has 481 MA's),

Gene: Toaka_4 Start: 2356, Stop: 2682, Start Num: 140

Candidate Starts for Toaka_4:

(Start: 140 @2356 has 1 MA's), (Start: 169 @2389 has 481 MA's), (208, 2491), (Start: 213 @2509 has 1 MA's),

Gene: Todacoro_1 Start: 445, Stop: 741, Start Num: 169

Candidate Starts for Todacoro_1:

(Start: 169 @445 has 481 MA's), (Start: 215 @580 has 1 MA's),

Gene: Toma_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Toma_2:

(69, 588), (Start: 164 @723 has 77 MA's), (196, 795), (205, 825), (Start: 213 @852 has 1 MA's), (226, 915),

Gene: Tomathan_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for Tomathan_4:

(Start: 169 @2345 has 481 MA's),

Gene: Toniann_14 Start: 3268, Stop: 3576, Start Num: 174

Candidate Starts for Toniann_14:

(Start: 145 @3238 has 3 MA's), (Start: 174 @3268 has 26 MA's), (226, 3460), (240, 3532),

Gene: Topanga_1 Start: 517, Stop: 813, Start Num: 160

Candidate Starts for Topanga_1:

(Start: 160 @517 has 15 MA's),

Gene: Topgun_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Topgun_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Toro_1 Start: 396, Stop: 692, Start Num: 159

Candidate Starts for Toro_1:

(108, 300), (Start: 159 @396 has 6 MA's), (239, 642),

Gene: Tote_2 Start: 834, Stop: 1130, Start Num: 169

Candidate Starts for Tote_2:

(Start: 133 @786 has 1 MA's), (Start: 169 @834 has 481 MA's), (Start: 213 @957 has 1 MA's), (233, 1047), (242, 1083),

Gene: TouchMeNot_54 Start: 40155, Stop: 40460, Start Num: 170

Candidate Starts for TouchMeNot_54:

(Start: 170 @40155 has 3 MA's), (197, 40230), (204, 40251), (222, 40332),

Gene: Towmatter_9 Start: 2870, Stop: 3172, Start Num: 174

Candidate Starts for Towmatter_9:

(Start: 174 @2870 has 26 MA's), (193, 2927), (Start: 194 @2930 has 125 MA's), (196, 2933), (222, 3038),

Gene: Traft412_3 Start: 1245, Stop: 1541, Start Num: 169

Candidate Starts for Traft412_3:

(Start: 169 @1245 has 481 MA's), (Start: 213 @1368 has 1 MA's), (233, 1458), (242, 1494),

Gene: Travvers_4 Start: 2345, Stop: 2641, Start Num: 169

Candidate Starts for Travvers_4:

(Start: 169 @2345 has 481 MA's),

Gene: Treddle_2 Start: 750, Stop: 1046, Start Num: 169

Candidate Starts for Treddle_2:

(Start: 169 @750 has 481 MA's), (Start: 213 @873 has 1 MA's), (233, 963), (242, 999),

Gene: Tripl3t_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Tripl3t_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Tristan_4 Start: 2116, Stop: 2412, Start Num: 169

Candidate Starts for Tristan_4:

(Start: 169 @2116 has 481 MA's), (204, 2215), (229, 2311),

Gene: Triste_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for Triste_2:

(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (217, 883),

Gene: Triumph_3 Start: 679, Stop: 993, Start Num: 165

Candidate Starts for Triumph_3:

(Start: 165 @679 has 129 MA's), (Start: 215 @823 has 1 MA's),

Gene: Trixie_4 Start: 2424, Stop: 2720, Start Num: 169

Candidate Starts for Trixie_4:

(Start: 169 @2424 has 481 MA's),

Gene: Troje_71 Start: 45614, Stop: 45889, Start Num: 173

Candidate Starts for Troje_71:

(Start: 171 @45611 has 2 MA's), (Start: 173 @45614 has 28 MA's), (186, 45656), (Start: 190 @45668 has 1 MA's), (195, 45680), (216, 45728), (217, 45731), (221, 45758), (222, 45761), (226, 45779),

Gene: Trooper_5 Start: 2370, Stop: 2666, Start Num: 169

Candidate Starts for Trooper_5:

(Start: 169 @2370 has 481 MA's),

Gene: TroyPia_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for TroyPia_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: TrvxScott_2 Start: 639, Stop: 953, Start Num: 165

Candidate Starts for TrvxScott_2:

(Start: 165 @639 has 129 MA's), (Start: 215 @783 has 1 MA's),

Gene: TuanPN_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for TuanPN_2:

(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (205, 832), (Start: 213 @859 has 1 MA's), (226, 922),

Gene: Tubs_4 Start: 2335, Stop: 2628, Start Num: 169

Candidate Starts for Tubs_4:

(Start: 141 @2308 has 2 MA's), (Start: 169 @2335 has 481 MA's), (208, 2437), (Start: 213 @2455 has 1 MA's),

Gene: Tuck_69 Start: 43623, Stop: 43925, Start Num: 165

Candidate Starts for Tuck_69:

(Start: 165 @43623 has 129 MA's), (Start: 194 @43689 has 125 MA's), (210, 43740), (226, 43815), (247, 43914),

Gene: Tucker_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Tucker_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Turab_67 Start: 42750, Stop: 43052, Start Num: 165

Candidate Starts for Turab_67:

(Start: 165 @42750 has 129 MA's), (188, 42801), (Start: 194 @42816 has 125 MA's), (210, 42867), (226, 42942), (247, 43041),

Gene: Turbido_5 Start: 2551, Stop: 2847, Start Num: 169

Candidate Starts for Turbido_5:

(Start: 169 @2551 has 481 MA's), (Start: 213 @2674 has 1 MA's),

Gene: Turj99_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Turj99_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Tutumahutu_71 Start: 43324, Stop: 43626, Start Num: 165

Candidate Starts for Tutumahutu_71:

(Start: 165 @43324 has 129 MA's), (188, 43375), (Start: 194 @43390 has 125 MA's), (210, 43441), (226, 43516), (247, 43615),

Gene: Tweety19_69 Start: 40496, Stop: 40801, Start Num: 165

Candidate Starts for Tweety19_69:

(Start: 165 @40496 has 129 MA's), (Start: 191 @40556 has 14 MA's), (Start: 194 @40562 has 125 MA's), (210, 40613), (247, 40787),

Gene: Twigg_1 Start: 503, Stop: 802, Start Num: 164

Candidate Starts for Twigg_1:

(66, 371), (Start: 164 @503 has 77 MA's), (208, 611), (223, 683), (239, 752), (249, 797),

Gene: Twister_1 Start: 463, Stop: 759, Start Num: 160

Candidate Starts for Twister_1:

(Start: 160 @463 has 15 MA's),

Gene: TwoPeat_2 Start: 834, Stop: 1130, Start Num: 169

Candidate Starts for TwoPeat_2:

(Start: 133 @786 has 1 MA's), (Start: 169 @834 has 481 MA's), (Start: 213 @957 has 1 MA's), (233, 1047), (242, 1083),

Gene: TygerBlood_1 Start: 540, Stop: 767, Start Num: 194

Candidate Starts for TygerBlood_1:

(Start: 194 @540 has 125 MA's), (242, 726),

Gene: U2_2 Start: 749, Stop: 1045, Start Num: 166

Candidate Starts for U2_2:

(Start: 166 @749 has 23 MA's), (Start: 213 @872 has 1 MA's), (233, 962), (242, 998),

Gene: UnionJack_87 Start: 500, Stop: 799, Start Num: 164

Candidate Starts for UnionJack_87:

(Start: 164 @500 has 77 MA's), (Start: 173 @515 has 28 MA's), (208, 608), (223, 680), (239, 749), (249, 794),

Gene: Unstoppable_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Unstoppable_2:

(71, 629), (99, 656), (Start: 164 @740 has 77 MA's), (217, 896),

Gene: Updawg_5 Start: 2624, Stop: 2920, Start Num: 169

Candidate Starts for Updawg_5:

(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Urza_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for Urza_2:

(Start: 165 @744 has 129 MA's), (Start: 215 @888 has 1 MA's),

Gene: UtzChips_77 Start: 46396, Stop: 46695, Start Num: 165

Candidate Starts for UtzChips_77:

(132, 46351), (Start: 165 @46396 has 129 MA's), (207, 46504), (210, 46513),

Gene: VA6_4 Start: 2464, Stop: 2760, Start Num: 169

Candidate Starts for VA6_4:

(Start: 169 @2464 has 481 MA's), (Start: 213 @2587 has 1 MA's),

Gene: VC3_4 Start: 2344, Stop: 2640, Start Num: 169

Candidate Starts for VC3_4:

(Start: 169 @2344 has 481 MA's),

Gene: VResidence_72 Start: 41784, Stop: 42086, Start Num: 165

Candidate Starts for VResidence_72:

(57, 41574), (Start: 165 @41784 has 129 MA's), (Start: 194 @41850 has 125 MA's), (210, 41901), (247, 42075),

Gene: VWB_70 Start: 47259, Stop: 47567, Start Num: 164

Candidate Starts for VWB_70:

(20, 46878), (Start: 164 @47259 has 77 MA's), (231, 47478),

Gene: Vanisoa_4 Start: 2102, Stop: 2395, Start Num: 169

Candidate Starts for Vanisoa_4:

(Start: 169 @2102 has 481 MA's), (Start: 194 @2168 has 125 MA's), (208, 2204), (Start: 213 @2222 has 1 MA's),

Gene: VasuNzinga_90 Start: 48574, Stop: 48900, Start Num: 169

Candidate Starts for VasuNzinga_90:

(148, 48547), (Start: 169 @48574 has 481 MA's), (Start: 182 @48616 has 4 MA's), (199, 48661), (214, 48721), (224, 48781), (238, 48841),

Gene: Verabelle_3 Start: 950, Stop: 1264, Start Num: 165

Candidate Starts for Verabelle_3:

(Start: 157 @944 has 2 MA's), (Start: 165 @950 has 129 MA's), (Start: 194 @1019 has 125 MA's),
(Start: 215 @1094 has 1 MA's),

Gene: Verse_2 Start: 955, Stop: 1269, Start Num: 165

Candidate Starts for Verse_2:

(56, 751), (58, 754), (105, 856), (Start: 157 @949 has 2 MA's), (Start: 165 @955 has 129 MA's), (Start: 194 @1024 has 125 MA's), (Start: 215 @1099 has 1 MA's), (222, 1132),

Gene: VieEnRose_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for VieEnRose_2:

(Start: 165 @744 has 129 MA's), (Start: 215 @888 has 1 MA's),

Gene: Violet_2 Start: 748, Stop: 1044, Start Num: 169

Candidate Starts for Violet_2:

(Start: 169 @748 has 481 MA's), (Start: 213 @871 has 1 MA's), (233, 961), (242, 997),

Gene: Vix_1 Start: 526, Stop: 819, Start Num: 167

Candidate Starts for Vix_1:

(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: VohminGhazi_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for VohminGhazi_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: VroomVroom_67 Start: 42799, Stop: 43164, Start Num: 165

Candidate Starts for VroomVroom_67:

(83, 42664), (90, 42673), (Start: 165 @42799 has 129 MA's), (Start: 191 @42868 has 14 MA's), (Start: 194 @42874 has 125 MA's), (243, 43069), (247, 43099), (251, 43111),

Gene: Waits_4 Start: 2278, Stop: 2574, Start Num: 169

Candidate Starts for Waits_4:

(Start: 169 @2278 has 481 MA's), (Start: 201 @2368 has 1 MA's),

Gene: WalterMcMickey_1 Start: 463, Stop: 759, Start Num: 160

Candidate Starts for WalterMcMickey_1:

(Start: 160 @463 has 15 MA's),

Gene: Wander_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for Wander_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Warda_70 Start: 43423, Stop: 43725, Start Num: 165

Candidate Starts for Warda_70:

(Start: 165 @43423 has 129 MA's), (188, 43474), (Start: 194 @43489 has 125 MA's), (210, 43540), (226, 43615), (247, 43714),

Gene: Warrior24_4 Start: 2282, Stop: 2578, Start Num: 169

Candidate Starts for Warrior24_4:

(115, 2186), (Start: 169 @2282 has 481 MA's), (Start: 201 @2372 has 1 MA's),

Gene: Watermelon_2 Start: 736, Stop: 1044, Start Num: 166

Candidate Starts for Watermelon_2:

(Start: 166 @736 has 23 MA's), (Start: 213 @859 has 1 MA's), (233, 949), (242, 985),

Gene: Watson_1 Start: 526, Stop: 819, Start Num: 167
Candidate Starts for Watson_1:
(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: WeiHuaDA_5 Start: 2558, Stop: 2854, Start Num: 169
Candidate Starts for WeiHuaDA_5:
(Start: 169 @2558 has 481 MA's), (Start: 213 @2681 has 1 MA's),

Gene: Werner_2 Start: 730, Stop: 1041, Start Num: 164
Candidate Starts for Werner_2:
(69, 589), (85, 628), (Start: 164 @730 has 77 MA's), (196, 802), (217, 883),

Gene: Whabigail7_5 Start: 2548, Stop: 2844, Start Num: 169
Candidate Starts for Whabigail7_5:
(Start: 169 @2548 has 481 MA's), (Start: 213 @2671 has 1 MA's),

Gene: Wheeler_2 Start: 833, Stop: 1129, Start Num: 169
Candidate Starts for Wheeler_2:
(Start: 133 @785 has 1 MA's), (Start: 169 @833 has 481 MA's), (Start: 213 @956 has 1 MA's), (233, 1046), (242, 1082),

Gene: Whitspit_2 Start: 747, Stop: 1043, Start Num: 169
Candidate Starts for Whitspit_2:
(Start: 169 @747 has 481 MA's), (Start: 213 @870 has 1 MA's), (233, 960), (242, 996),

Gene: Whitty_58 Start: 40896, Stop: 41195, Start Num: 86
Candidate Starts for Whitty_58:
(Start: 86 @40896 has 6 MA's), (217, 41019),

Gene: WideWale_5 Start: 2624, Stop: 2920, Start Num: 169
Candidate Starts for WideWale_5:
(63, 2423), (Start: 169 @2624 has 481 MA's),

Gene: Wiks_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for Wiks_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Wilbur_1 Start: 538, Stop: 765, Start Num: 194
Candidate Starts for Wilbur_1:
(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Wildwest_65 Start: 43282, Stop: 43584, Start Num: 165
Candidate Starts for Wildwest_65:
(Start: 165 @43282 has 129 MA's), (Start: 191 @43342 has 14 MA's), (210, 43399), (226, 43474), (247, 43573),

Gene: Wile_1 Start: 543, Stop: 770, Start Num: 194
Candidate Starts for Wile_1:
(Start: 194 @543 has 125 MA's), (Start: 215 @609 has 1 MA's), (242, 729),

Gene: Wilkins_1 Start: 598, Stop: 894, Start Num: 169
Candidate Starts for Wilkins_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: WilliamBoone_12 Start: 2893, Stop: 3201, Start Num: 174
Candidate Starts for WilliamBoone_12:
(Start: 145 @2863 has 3 MA's), (Start: 174 @2893 has 26 MA's), (240, 3157),

Gene: Wizard007_1 Start: 540, Stop: 767, Start Num: 194
Candidate Starts for Wizard007_1:
(Start: 194 @540 has 125 MA's), (242, 726),

Gene: Wolfwood_67 Start: 44987, Stop: 45304, Start Num: 173
Candidate Starts for Wolfwood_67:
(Start: 173 @44987 has 28 MA's), (217, 45125), (231, 45194),

Gene: Wooldri_3 Start: 517, Stop: 819, Start Num: 158
Candidate Starts for Wooldri_3:
(Start: 158 @517 has 38 MA's), (Start: 167 @526 has 51 MA's), (Start: 194 @592 has 125 MA's),

Gene: Wrigley_81 Start: 51527, Stop: 51817, Start Num: 179
Candidate Starts for Wrigley_81:
(139, 51470), (144, 51476), (Start: 179 @51527 has 22 MA's),

Gene: WunderPhul_4 Start: 2143, Stop: 2439, Start Num: 169
Candidate Starts for WunderPhul_4:
(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Xena_1 Start: 542, Stop: 769, Start Num: 194
Candidate Starts for Xena_1:
(Start: 194 @542 has 125 MA's), (Start: 215 @608 has 1 MA's), (242, 728),

Gene: XianYue_4 Start: 2391, Stop: 2687, Start Num: 169
Candidate Starts for XianYue_4:
(Start: 169 @2391 has 481 MA's), (212, 2508),

Gene: Yakult_74 Start: 46869, Stop: 47177, Start Num: 173
Candidate Starts for Yakult_74:
(128, 46794), (Start: 152 @46839 has 1 MA's), (Start: 169 @46860 has 481 MA's), (Start: 173 @46869 has 28 MA's), (187, 46914), (200, 46953), (209, 46977), (211, 46983), (217, 47016),

Gene: Yang_68 Start: 42836, Stop: 43144, Start Num: 165
Candidate Starts for Yang_68:
(Start: 165 @42836 has 129 MA's), (Start: 194 @42902 has 125 MA's), (226, 43028), (247, 43127),

Gene: Yasdni_2 Start: 729, Stop: 1040, Start Num: 164
Candidate Starts for Yasdni_2:
(85, 627), (Start: 164 @729 has 77 MA's), (196, 801), (205, 831), (Start: 213 @858 has 1 MA's), (226, 921),

Gene: Yecey3_4 Start: 2101, Stop: 2394, Start Num: 169
Candidate Starts for Yecey3_4:
(Start: 169 @2101 has 481 MA's),

Gene: YesChef_69 Start: 43140, Stop: 43442, Start Num: 165

Candidate Starts for YesChef_69:

(Start: 165 @43140 has 129 MA's), (188, 43191), (Start: 194 @43206 has 125 MA's), (210, 43257), (226, 43332), (247, 43431),

Gene: YoSam321_1 Start: 538, Stop: 765, Start Num: 194

Candidate Starts for YoSam321_1:

(Start: 194 @538 has 125 MA's), (242, 724),

Gene: Yokurt_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Yokurt_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: Yosif_3 Start: 954, Stop: 1265, Start Num: 165

Candidate Starts for Yosif_3:

(72, 816), (121, 888), (131, 906), (Start: 165 @954 has 129 MA's), (222, 1128),

Gene: Yucky_74 Start: 47485, Stop: 47799, Start Num: 161

Candidate Starts for Yucky_74:

(Start: 152 @47473 has 1 MA's), (Start: 161 @47485 has 9 MA's), (175, 47509), (203, 47578), (231, 47695),

Gene: Yummy_71 Start: 45636, Stop: 45857, Start Num: 190

Candidate Starts for Yummy_71:

(Start: 171 @45579 has 2 MA's), (Start: 173 @45582 has 28 MA's), (186, 45624), (Start: 190 @45636 has 1 MA's), (195, 45648), (217, 45699), (221, 45726), (222, 45729),

Gene: Yvonnetastic_14 Start: 3602, Stop: 3910, Start Num: 174

Candidate Starts for Yvonnetastic_14:

(Start: 174 @3602 has 26 MA's), (222, 3776), (226, 3794), (231, 3815), (247, 3902),

Gene: Zaka_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Zaka_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: ZamZam_2 Start: 936, Stop: 1250, Start Num: 165

Candidate Starts for ZamZam_2:

(Start: 157 @927 has 2 MA's), (Start: 160 @930 has 15 MA's), (Start: 165 @936 has 129 MA's), (Start: 215 @1080 has 1 MA's),

Gene: Zareef_67 Start: 44991, Stop: 45311, Start Num: 173

Candidate Starts for Zareef_67:

(Start: 173 @44991 has 28 MA's), (217, 45132), (231, 45201),

Gene: Zeeculate_1 Start: 596, Stop: 892, Start Num: 169

Candidate Starts for Zeeculate_1:

(127, 533), (Start: 145 @569 has 3 MA's), (Start: 152 @578 has 1 MA's), (Start: 169 @596 has 481 MA's), (Start: 213 @719 has 1 MA's), (233, 809), (242, 845),

Gene: Zemlya_2 Start: 703, Stop: 1014, Start Num: 164

Candidate Starts for Zemlya_2:

(1, 34), (2, 40), (3, 43), (4, 70), (7, 142), (31, 406), (41, 463), (47, 487), (53, 496), (125, 652), (Start: 142 @682 has 1 MA's), (Start: 164 @703 has 77 MA's), (203, 799), (205, 805), (Start: 213 @832 has 1

MA's),

Gene: ZenTime222_65 Start: 41847, Stop: 42146, Start Num: 86

Candidate Starts for ZenTime222_65:

(Start: 86 @41847 has 6 MA's), (217, 41970),

Gene: Zephyr_1 Start: 598, Stop: 894, Start Num: 169

Candidate Starts for Zephyr_1:

(127, 535), (Start: 145 @571 has 3 MA's), (Start: 152 @580 has 1 MA's), (Start: 169 @598 has 481 MA's), (Start: 213 @721 has 1 MA's), (233, 811), (242, 847),

Gene: Zeta1847_76 Start: 47529, Stop: 47834, Start Num: 165

Candidate Starts for Zeta1847_76:

(75, 47376), (76, 47379), (78, 47382), (Start: 165 @47529 has 129 MA's), (250, 47829),

Gene: Zetzy_1 Start: 518, Stop: 820, Start Num: 158

Candidate Starts for Zetzy_1:

(Start: 158 @518 has 38 MA's), (Start: 167 @527 has 51 MA's), (Start: 194 @593 has 125 MA's),

Gene: Zeuska_1 Start: 599, Stop: 895, Start Num: 169

Candidate Starts for Zeuska_1:

(127, 536), (Start: 145 @572 has 3 MA's), (Start: 152 @581 has 1 MA's), (Start: 164 @596 has 77 MA's), (Start: 169 @599 has 481 MA's), (Start: 213 @722 has 1 MA's), (233, 812), (242, 848),

Gene: Zimmer_4 Start: 2256, Stop: 2552, Start Num: 167

Candidate Starts for Zimmer_4:

(42, 1998), (59, 2043), (73, 2094), (Start: 167 @2256 has 51 MA's),

Gene: Zulu_4 Start: 2143, Stop: 2439, Start Num: 169

Candidate Starts for Zulu_4:

(Start: 169 @2143 has 481 MA's), (Start: 215 @2278 has 1 MA's),

Gene: phiHau3_1 Start: 591, Stop: 905, Start Num: 165

Candidate Starts for phiHau3_1:

(Start: 165 @591 has 129 MA's), (209, 708), (Start: 215 @735 has 1 MA's), (237, 837), (252, 900),