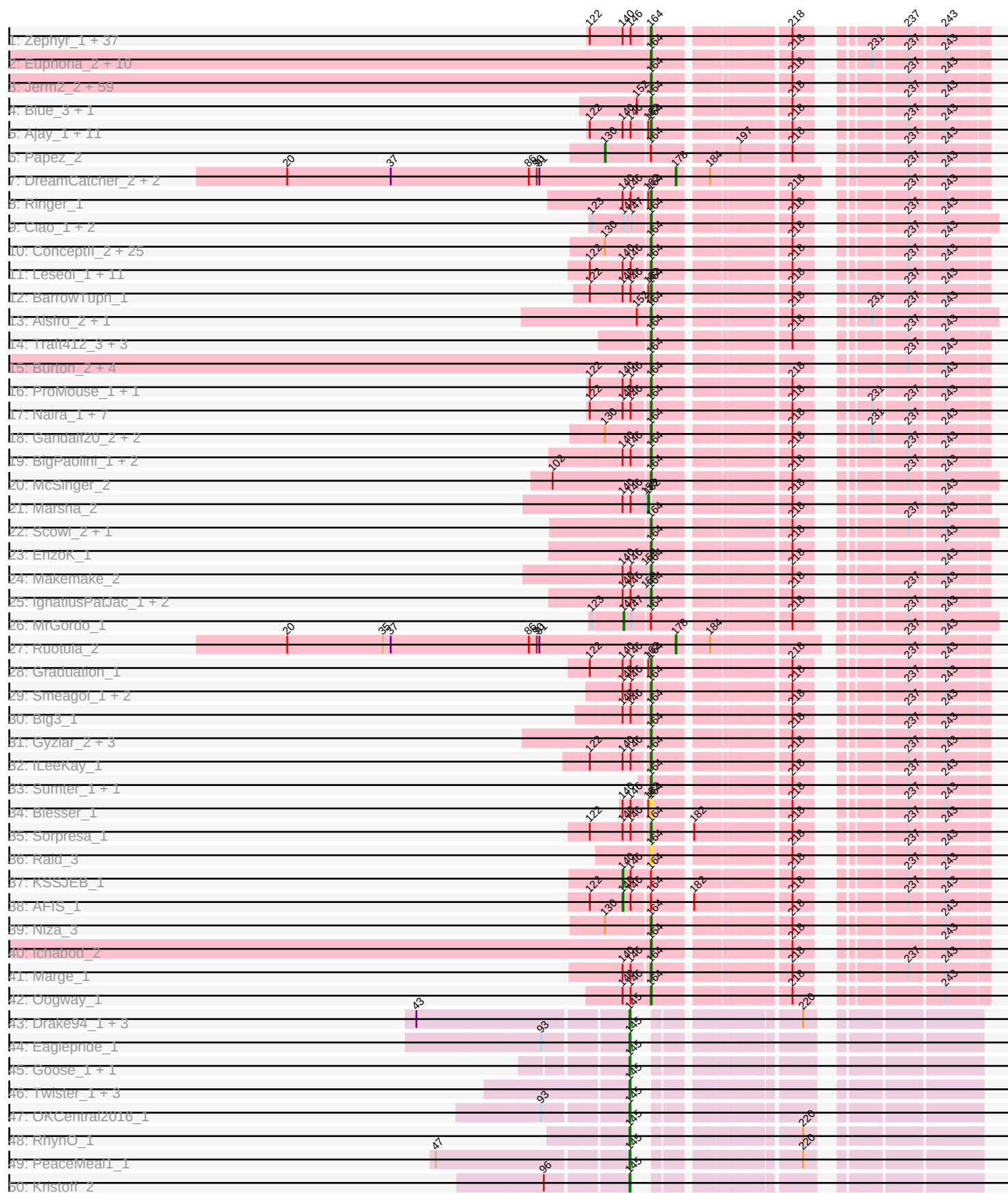


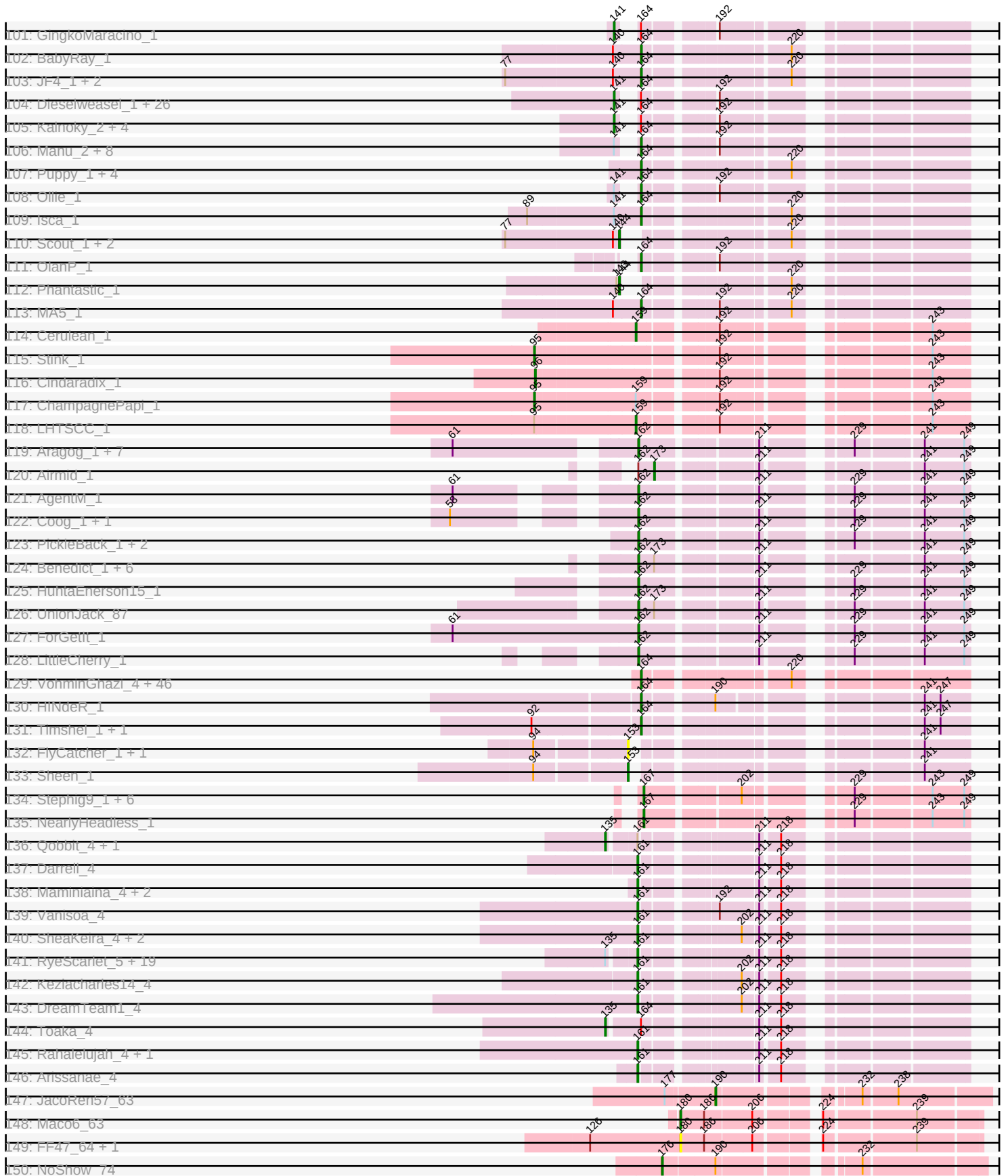
Pham 279938



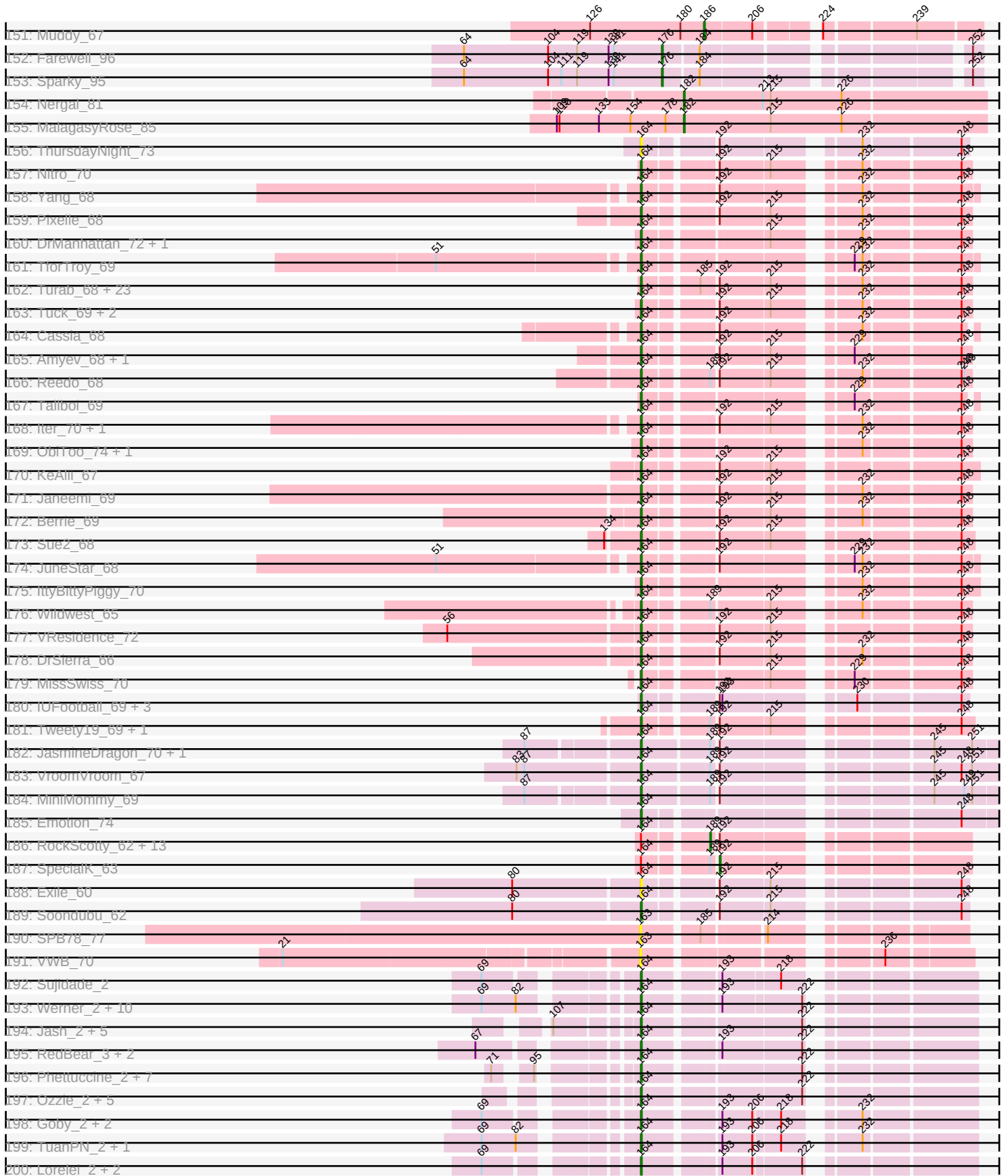
Pham 279938



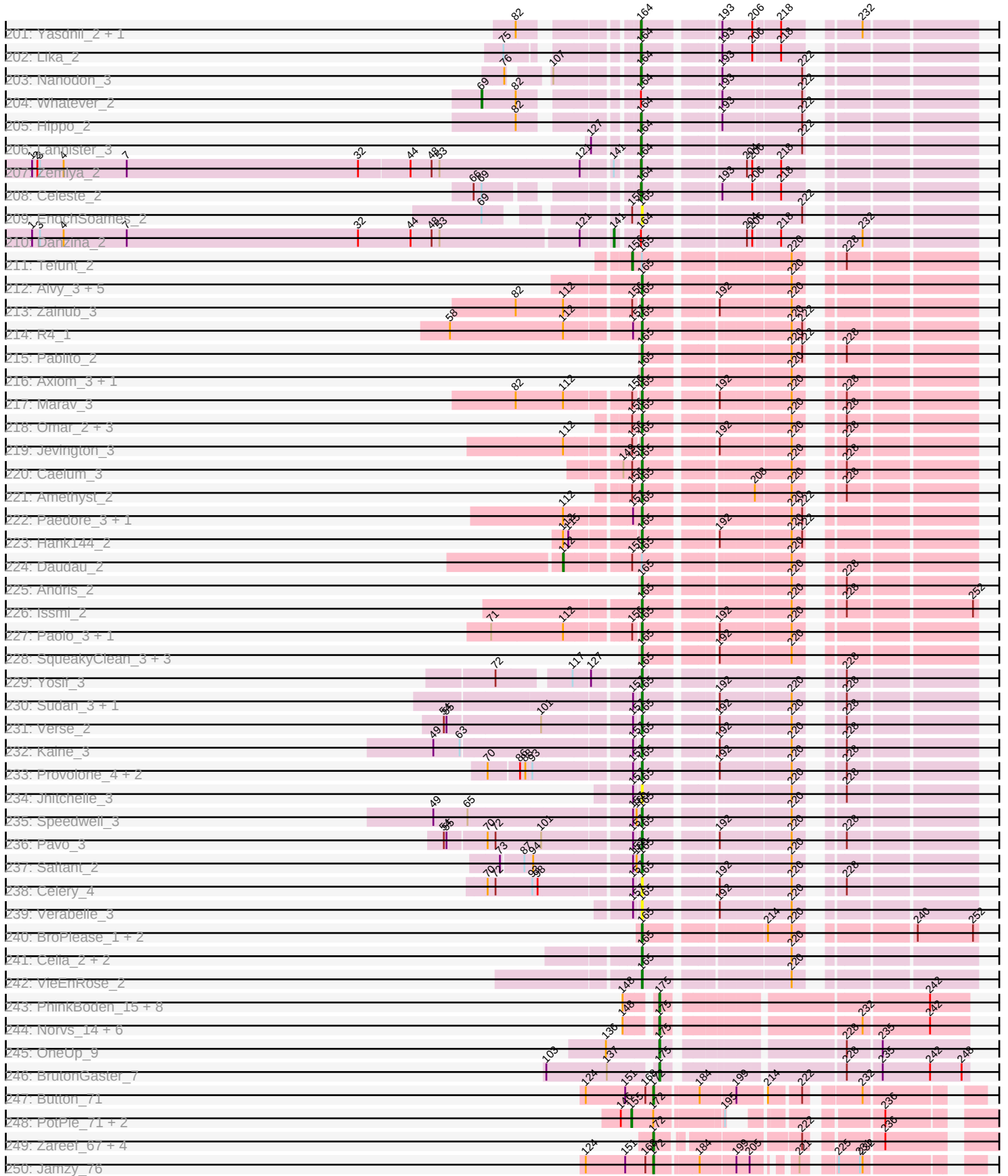
Pham 279938



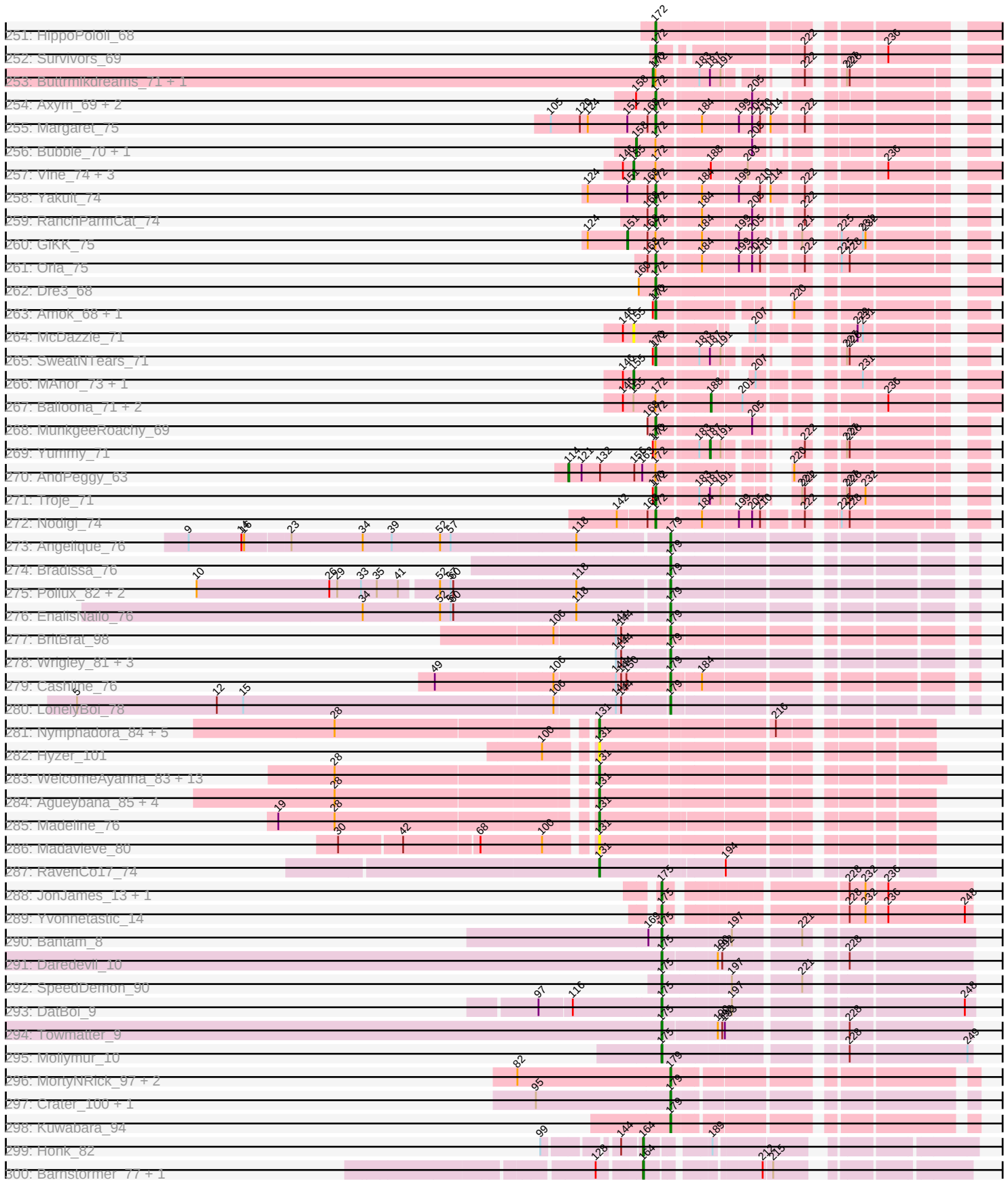
Pham 279938



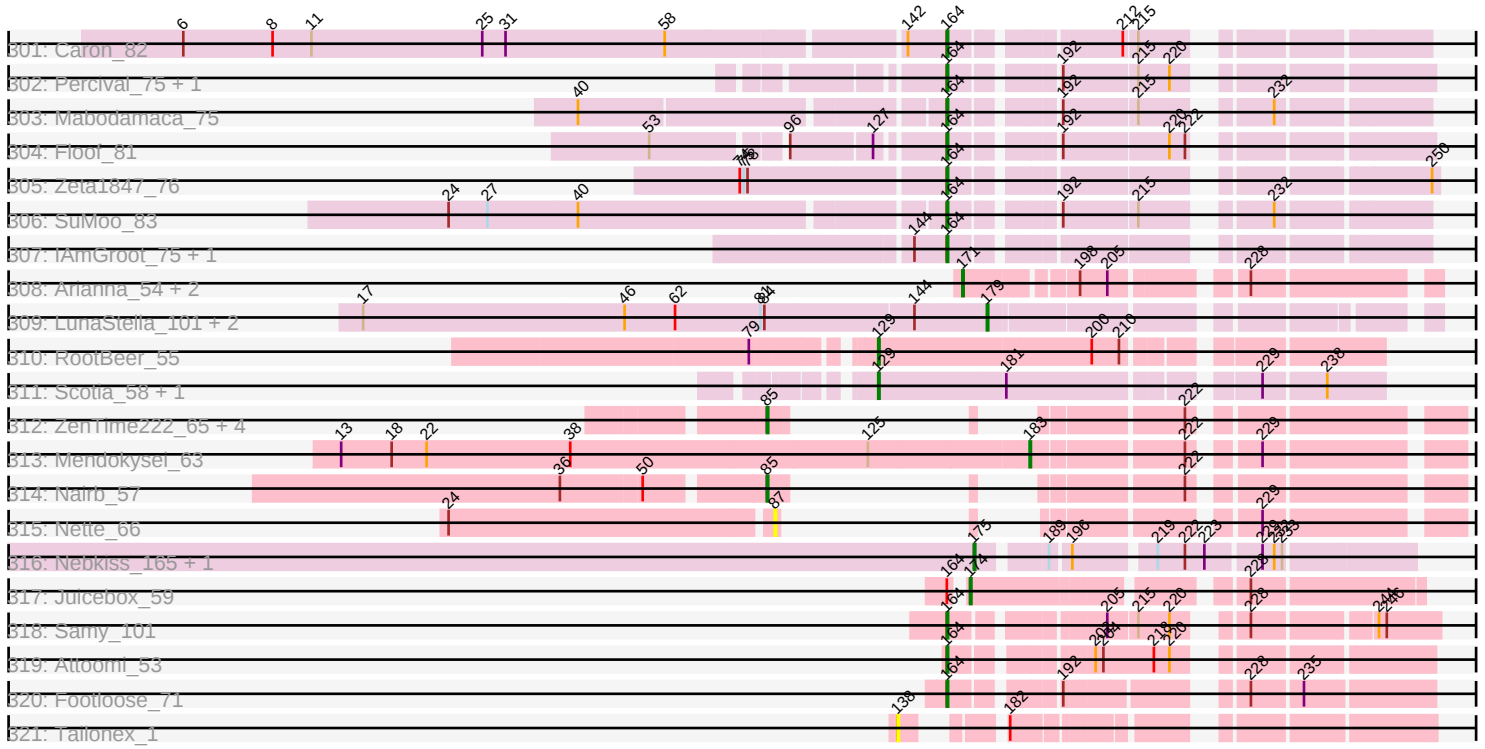
Pham 279938



Pham 279938



Pham 279938



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 279938 Report

This analysis was run 02/07/26 on database version 634.

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 279938 has 1006 members, 68 are drafts.

Phages represented in each track:

- Track 1 : Zephyr_1, Paphu_1, Hami1_1, Fascinus_1, Bigchung_1, Solon_1, Rutherford_1, Bones_1, ShortQueendom_1, Mkhuse_1, Topgun_1, Michley_1, Maroc7_1, Marco3_1, Snazzy_1, Parliament_1, Zeeculate_1, DrFeelGood_1, StewieG_1, PhineBark_1, Adahisdi_1, Crispicous1_1, Ashballer_1, Phlippers_1, Seanderson_1, Levia_1, Cueylyss_1, Teodoridan_1, Ohno789_1, Sunshine924_1, Bigfoot_1, CactusRose_1, Wilkins_1, Applejack_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, Greg_2, Barriga_2, RidgeCB_2, GrecoEtereo_2, Fushigi_2, PattyP_2, Sagefire_2, Chanagan_2, Corvo_2, Bethlehem_2, BigMau_3, Rufus_2, GMonster_2, Pippin_2, BillKnuckles_2, TheloniousMonk_2, Molly_2, Slagathor_2, PascalRango_2, HermioneGrange_2, JC27_2, U2_2, Whitspit_2, Lamina13_2, Petp2012_2, Marchy_2, Payneful_2, MetalQZJ_2, Thor_2, BaconJack_2, KikiBouba_2, Manatee_2, Licorice_2, MaryBeth_2, Treddle_2, Arlo_2, Dynamix_2, Anglerfish_2, Violet_2, Fajezeel_2, Hermia_2, Sibs6_2, Buttons_2, Pari_2, NEHalo_2, Monet_2, Noxious_2, Norz_2, Watermelon_2, Switzer_2, GroundGoblin_2, Aldrich_2, Rhynn_1, SarFire_2, HarryOW_2, Arcanine_2, Rubeus_2, Rajelicia_2, Edtherson_2
- Track 4 : Blue_3, Tasp14_2
- Track 5 : Ajay_1, Inyanga_1, Iqorha_1, Beatrix_1, Bexan_1, StrongArm_1, Smairt_1, Mule_1, Aeneas_1, Zeuska_1, Perseus_1, Hope4ever_1
- Track 6 : Papez_2
- Track 7 : DreamCatcher_2, Sanya_1, Abrogate_20
- Track 8 : Ringer_1
- Track 9 : Ciao_1, Nerujay_1, Kugel_1
- Track 10 : Conceptll_2, PSullivan_2, Birscak_2, PherrisBueller_2, STLscum_2, PacerPaul_2, Rohr_2, Altman_3, Pepe_2, SkiPole_2, Gompeii16_2, Lopton_2, Pita2_2, BPBiebs31_2, Tote_2, TwoPeat_2, KBG_2, Target_2, Swole_2, Jasper_2, Francis47_2, Dreamboat_2, Homines_2, Wheeler_2, JuliaChild_2, Kanely_3
- Track 11 : Lesedi_1, Atkinbua_1, KyMonks1A_1, Turj99_1, Kykar_1, Magnar_1, Eyeball_1, LunarLander_1, Mryolo_1, Bxb1_1, Paraselene_1, QTRlifeCrisis_1
- Track 12 : BarrowTuph_1

- Track 13 : Alsfro_2, Carlyle_2
- Track 14 : Traft412_3, Dexes_2, Pelly_2, Acme_2
- Track 15 : Burton_2, MPlant7149_2, Bob3_2, Museum_3, Nhonho_2
- Track 16 : ProMouse_1, Dulcie_1
- Track 17 : Naira_1, Bruns_1, Fenn_1, Moose_1, PinkPlastic_1, SwissCheese_1, Forsytheast_1, PowerRanger_1
- Track 18 : Gandalf20_2, Jorgensen_2, Espresso_2
- Track 19 : BigPaolini_1, Peterson_1, Doom_1
- Track 20 : McSinger_2
- Track 21 : Marsha_2
- Track 22 : Scowl_2, GageAP_2
- Track 23 : EnzoK_1
- Track 24 : Makemake_2
- Track 25 : IgnatiusPatJac_1, BluSpix_1, JackSparrow_1
- Track 26 : MrGordo_1
- Track 27 : Ruotula_2
- Track 28 : Graduation_1
- Track 29 : Smeagol_1, LilBib_1, Puppet_1
- Track 30 : Big3_1
- Track 31 : Gyzlar_2, Marcell_2, Petruchio_2, Froghopper_2
- Track 32 : lLeeKay_1
- Track 33 : Sumter_1, Gwendoluna_1
- Track 34 : Blesser_1
- Track 35 : Sorpresa_1
- Track 36 : Raid_3
- Track 37 : KSSJEB_1
- Track 38 : AFIS_1
- Track 39 : Niza_3
- Track 40 : Ichabod_2
- Track 41 : Marge_1
- Track 42 : Oogway_1
- Track 43 : Drake94_1, Severus_1, KittenMittens_1, Poompha_1
- Track 44 : Eaglepride_1
- Track 45 : Goose_1, Chupacabra_1
- Track 46 : Twister_1, WalterMcMickey_1, Edison31_1, Topanga_1
- Track 47 : OKCentral2016_1
- Track 48 : RhynO_1
- Track 49 : PeaceMeal1_1
- Track 50 : Kristoff_2
- Track 51 : MaCh_4, Sham4_4, Flaverint_4, Munch_4, Lucivia_4, Joselito_4, Gilberta_4, Fibonacci_4, Hutc2_4, TinyTimmy_4, Mulciber_4, Aneem_4, Bud_4, Bowtie_4, Insomnia_4, Salz_4, Jabith_4, Timothy_4, Snape_4
- Track 52 : Ebony_4, Kimba_4, Orange_4, Bachome_4
- Track 53 : Refuge_4
- Track 54 : Zimmer_4
- Track 55 : Steamy_4
- Track 56 : DarthPhader_4
- Track 57 : Pharaoh_4
- Track 58 : SororFago_4
- Track 59 : Luchador_4
- Track 60 : Gail_4
- Track 61 : Jeeves_4

- Track 62 : Waits_4, Epsocamisio_4, Switzerland_4, Rosalind_4, MinecraftSteve_5, DekHockey33_4, ShayRa_5, JSwag_4, KatherineG_4, Nebulosus_4, Boohoo_4, LastResort_4, Battleship_5, ReMo_4, Looper_4, Anaysia_4
- Track 63 : Nedarya_4
- Track 64 : Strosahl_4, Remus_4, Soups_4
- Track 65 : Warrior24_4, Oofda_4
- Track 66 : Elle_4
- Track 67 : EagleEye_4, Lucyedi_4, PainterBoy_4
- Track 68 : 40AC_5
- Track 69 : MyraDee_1
- Track 70 : Kimona_1
- Track 71 : NicoleTera_4, Chargerpower_5, EZMoney23_4, Trixie_4
- Track 72 : Journey13_4
- Track 73 : Adzzy_4
- Track 74 : AnnaL29_4, CRB1_4, Loser_4, RedRock_4
- Track 75 : Buggy_5, Agape74_5, FiringLine_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, Turbido_5
- Track 76 : 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 77 : DudeLittle_5, Anselm_5, Dalmatian_5, Heffalump_5, QueenB2_5, Fameo_5, Retro23_5
- Track 78 : Leogania_4, BiancaTri92_4
- Track 79 : Lokk_5, Rachaly_5, BobSwaget_5
- Track 80 : Changeling_4, DeerParkTS_4, Miko_5, 20ES_4, ArcherNM_4, First_004, Anthony_1
- Track 81 : 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 82 : Ph8s_4
- Track 83 : XianYue_4
- Track 84 : TarsusIV_5
- Track 85 : Herbertwm_1
- Track 86 : Jaan_4, IronMan_4, Tristan_4, Landor_4, Phaded_4, Bactobuster_4
- Track 87 : Larenn_5, Malec_5
- Track 88 : Colin_5, WeiHuaDA_5
- Track 89 : Che12_4
- Track 90 : Kalpine_4
- Track 91 : GaugeLDP_4, Trooper_5, BabyBack_4, Acolyte_4, Yecey3_4
- Track 92 : Jsquared_4, TipsytheTRex_4, Serenity_4, L5_4
- Track 93 : LionsBait_4
- Track 94 : MissWhite_4
- Track 95 : Pukovnik_4, Odin_3, Superchunk_4
- Track 96 : Benvolio_5, Echid_5
- Track 97 : HippoHollow_4
- Track 98 : Iwokeuplikedis_5
- Track 99 : Grub_1, Grif_1, Phoxy_1, Snickers_1, Louie6_1, Tiffany_1, Beauxregard13_1, Spike509_1, Fernando_1, Bxz2_1, Vix_1, Lilith_1, Microwolf_1, Aglet_1, Grum1_1, Stagni_1, StepMih_1, Mainiac_1, MarQuardt_1, EpicPhail_1, LarryKay_1, Sabinator_1, PGHhamlin_3, GtownJaz_1, Penny1_1, DaHudson_1, Watson_1, Malinsilva_3, JHC117_1, KADY_2, AugsMagnumOpus_3, Methuselah_1,

Anubis_3, Farber_1, Hercules11_1

- Track 100 : Todacoro_1, Pocahontas_1, ResDef_1, Caviar_1, Hookmount_1, Noella_1, Lambert1_1, Margo_1

- Track 101 : GingkoMaracino_1

- Track 102 : BabyRay_1

- Track 103 : JF4_1, MK4_1, JF2_1

- Track 104 : 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 105 : Kalnoky_2, Pawn_1, Gemma_1, PurpleHaze_1, Heliosoles_1

- Track 106 : Manu_2, Groupthink_2, Kalb97_2, JeppNRM_2, Reba_2, HaveUMetTed_2, Marius_2, Phranny_2, PhishRPhriends_1

- Track 107 : Puppy_1, TNguyen7_1, Pistachio_1, BlueBird_1, Giroux_1

- Track 108 : Ollie_1

- Track 109 : Isca_1

- Track 110 : Scout_1, Fred313_1, Kachowdy_1

- Track 111 : OlanP_1

- Track 112 : Phantastic_1

- Track 113 : MA5_1

- Track 114 : Cerulean_1

- Track 115 : Stink_1

- Track 116 : Cindaradix_1

- Track 117 : ChampagnePapi_1

- Track 118 : LHTSCC_1

- Track 119 : Aragog_1, Cuco_1, Discoknowium_1, Lev2_1, Milcery_1, Tiger_1, Phlorence_1, Archetta_1

- Track 120 : Airmid_1

- Track 121 : AgentM_1

- Track 122 : Coog_1, Midas2_1

- Track 123 : PickleBack_1, Jovo_1, Conspiracy_1

- Track 124 : Benedict_1, ElTiger69_1, PetterN_1, Jabiru_1, Chadwick_1, Scorpia_1, Naca_1

- Track 125 : HuhtaEnerson15_1

- Track 126 : UnionJack_87

- Track 127 : ForGetIt_1

- Track 128 : LittleCherry_1

- Track 129 : VohminGhazi_4, Dorothea_4, Anon_4, Indra_4, DaVinci_4, CloudWang3_4, Helmet_4, Chartreuse_4, EricB_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, Zulu_4, Tucker_4, McFly_4, SuperAwesome_4, Temprado_4, Koko_4, Gruunaga_4, SmellyB_4, GreedyLawyer_4, Rifter_4, Jordennis_4, Priamo_4, WunderPhul_4, Roksolana_4, Hexamo_4, Zaka_4, Hammer_4, BlessJoy_4, Blue7_4, Kazan_4, Newrala_4, Isiphiwo_4, Hoot_4, Polyphemus_4, Blinn1_4, Neeharika16_4

- Track 130 : HINdeR_1

- Track 131 : Timshel_1, DroogsArmy_1

- Track 132 : FlyCatcher_1, Toro_1

- Track 133 : Sheen_1

- Track 134 : Stephig9_1, Dixon_1, Phillis_1, Smeadley_1, Saintus_1, Astro_1, Roary_1

- Track 135 : NearlyHeadless_1

- Track 136 : Qobbit_4, ExplosioNervosa_4
- Track 137 : Darrell_4
- Track 138 : Maminiaina_4, LoneWolf_4, Elephantoan_4
- Track 139 : Vanisoa_4
- Track 140 : SheaKeira_4, Klodlith_4, Charm_4
- Track 141 : 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, Catalina_4, Beemo_4, PackMan_4, Phonnegut_4, Fayely_4, Ayanochan_5
- Track 142 : Keziacharles14_4
- Track 143 : DreamTeam1_4
- Track 144 : Toaka_4
- Track 145 : Rahalelujah_4, BogosyJay_4
- Track 146 : Arissanae_4
- Track 147 : JacoRen57_63
- Track 148 : Maco6_63
- Track 149 : FF47_64, 8UZL_67
- Track 150 : NoShow_74
- Track 151 : Muddy_67
- Track 152 : Farewell_96
- Track 153 : Sparky_95
- Track 154 : Nergal_81
- Track 155 : MalagasyRose_85
- Track 156 : ThursdayNight_73
- Track 157 : Nitro_70
- Track 158 : Yang_68
- Track 159 : Pixelle_68
- Track 160 : DrManhattan_72, Adolin_71
- Track 161 : TforTroy_69
- Track 162 : Turab_68, Adumb2043_68, AEgle_67, Niobe_69, Asa16_69, Tbone_69, Amploria_69, Eraser_69, Mudpuppy_68, Lizalica_69, JohnDoe_70, Powerpuff_71, Flutur_69, Cyan_70, YesChef_69, Subaru_69, Skelbel_70, Lego_69, Joemato_71, Kaylissa_71, London_69, Warda_70, Tutumahutu_71, Elezi_68
- Track 163 : Tuck_69, Community_70, Phives_70
- Track 164 : Cassia_68
- Track 165 : Amyev_68, Tian_67
- Track 166 : Reedo_68
- Track 167 : Tallboi_69
- Track 168 : Iter_70, Ascela_71
- Track 169 : ObiToo_74, Crewmate_74
- Track 170 : KeAlii_67
- Track 171 : Janeemi_69
- Track 172 : Berrie_69
- Track 173 : Sue2_68
- Track 174 : JuneStar_68
- Track 175 : IttyBittyPiggy_70
- Track 176 : Wildwest_65
- Track 177 : VResidence_72
- Track 178 : DrSierra_66
- Track 179 : MissSwiss_70
- Track 180 : IUFootball_69, MaGuCo_63, Maureen_69, Liebe_69
- Track 181 : Tweety19_69, Snek_68
- Track 182 : JasmineDragon_70, ShakeltOph_70
- Track 183 : VroomVroom_67

- Track 184 : MiniMommy_69
- Track 185 : Emotion_74
- Track 186 : RockScotty_62, Mysterium_62, Halsey_63, Donkey_63, Stuu_63, Giorgio_62, Cappuccino_63, Ashes_63, Kalimba_63, Gambol_64, Beaupre_62, Sooty_63, Gumpizza_62, Moss_63
- Track 187 : SpecialK_63
- Track 188 : Exile_60
- Track 189 : Soondubu_62
- Track 190 : SPB78_77
- Track 191 : VWB_70
- Track 192 : Sujidade_2
- Track 193 : Werner_2, TagePhighter_3, BarryBee_3, Triste_2, SarahRose_2, Snorlax_2, Asten_2, Chucky_2, OzzyJ_3, Emaanora_3, Dwayne_2
- Track 194 : Jash_2, Eddasa_2, Izzy_2, Rusticus_2, BryanRecycles_2, Oliynyk_2
- Track 195 : RedBear_3, South40_2, Katalie_2
- Track 196 : Phettuccine_2, Esperer_2, Aaronocolus_2, Unstoppable_2, Bovely_2, Leviticus_2, Nerdos_2, Indigo_2
- Track 197 : Ozzie_2, Legacy_2, Hydra_3, Caliburn_2, BeardedLady_2, SunsetPointe_2
- Track 198 : Goby_2, Toma_2, Dattran_2
- Track 199 : TuanPN_2, Ejemplo_2
- Track 200 : Lorelei_2, Nabi_2, Rana_2
- Track 201 : Yasdnit_2, Maneekul_2
- Track 202 : Lika_2
- Track 203 : Nanodon_3
- Track 204 : Whatever_2
- Track 205 : Hippo_2
- Track 206 : Lannister_3
- Track 207 : Zemlya_2
- Track 208 : Celeste_2
- Track 209 : EnochSoames_2
- Track 210 : Danzina_2
- Track 211 : Tefunt_2
- Track 212 : Alvy_3, BartholomewSD_3, TinaBelcher_2, Bowden_2, TrvxScott_2, Thestral_2
- Track 213 : Zainub_3
- Track 214 : R4_1
- Track 215 : Pablito_2
- Track 216 : Axiom_3, Triumph_3
- Track 217 : Marav_3
- Track 218 : Omar_2, Haizum_2, Nishikigoi_2, Diane_2
- Track 219 : Jevington_3
- Track 220 : Caelum_3
- Track 221 : Amethyst_2
- Track 222 : Paedore_3, Loofah_3
- Track 223 : Hank144_2
- Track 224 : Daudau_2
- Track 225 : Andris_2
- Track 226 : Issmi_2
- Track 227 : Paolo_3, Puginator_3
- Track 228 : SqueakyClean_3, Animus_3, Janus_3, GirlDinner_2
- Track 229 : Yosif_3
- Track 230 : Sudan_3, Alsaber_3

- Track 231 : Verse_2
- Track 232 : Kaine_3
- Track 233 : Provolone_4, Conan_4, ElGato_4
- Track 234 : Jhitchelle_3
- Track 235 : Speedwell_3
- Track 236 : Pavo_3
- Track 237 : Saftant_2
- Track 238 : Celery_4
- Track 239 : Verabelle_3
- Track 240 : BroPlease_1, phiHau3_1, GreenWeasel_1
- Track 241 : Celia_2, Itza_2, Urza_2
- Track 242 : VieEnRose_2
- Track 243 : PhinkBoden_15, Geeche_13, Cucurbita_13, ClubL_14, Dusty_13, Culver_13, Bachita_15, Abscondus_13, WilliamBoone_12
- Track 244 : Norvs_14, Smoothie_14, Aphelion_14, Lozinak_14, Miskis_12, Engineer_14, Toniann_14
- Track 245 : OneUp_9
- Track 246 : BrutonGaster_7
- Track 247 : Button_71
- Track 248 : PotPie_71, SummitAcademy_71, Yucky_74
- Track 249 : Zareef_67, Wolfwood_69, Azira_67, Nibbles_67, Fribs8_67
- Track 250 : Jamzy_76
- Track 251 : HippoPololi_68
- Track 252 : Survivors_69
- Track 253 : Buttrmlkdreams_71, Horseradish_71
- Track 254 : Axyrn_69, Agatha_71, Burnsey_70
- Track 255 : Margaret_75
- Track 256 : Bubble_70, Quasar_71
- Track 257 : Vine_74, Elinal_76, Mayweather_74, KayGee_74
- Track 258 : Yakult_74
- Track 259 : RanchParmCat_74
- Track 260 : GiKK_75
- Track 261 : Orla_75
- Track 262 : Dre3_68
- Track 263 : Amok_68, Emalyn_67
- Track 264 : McDazzle_71
- Track 265 : SweatNTears_71
- Track 266 : MAnor_73, Pons_74
- Track 267 : Balloona_71, Lauer_66, CocoaPuff_70
- Track 268 : MunkgeeRoachy_69
- Track 269 : Yummy_71
- Track 270 : AndPeggy_63
- Track 271 : Troje_71
- Track 272 : Nodigi_74
- Track 273 : Angelique_76
- Track 274 : Bradissa_76
- Track 275 : Pollux_82, EMsquaredA_80, Floral_80
- Track 276 : EnalisNailo_76
- Track 277 : BritBrat_98
- Track 278 : Wrigley_81, Jablanski_82, Posh_79, Pytheas_83
- Track 279 : Cashline_76
- Track 280 : LonelyBoi_78

- Track 281 : Nymphadora_84, Bosnia_82, Eviarto_84, Herod_84, BatStarr_83, TimTam_84
- Track 282 : Hyzer_101
- Track 283 : WelcomeAyanna_83, Maridalia_83, Eudoria_79, Neobush_81, Kita_80, Zameen_79, Antonio_78, Bunnybear_78, Trumpet_79, Manasvini_81, Tayonia_79, ThankyouJordi_83, Polly_76, Suscepit_79
- Track 284 : Agueybana_85, Bialota_79, Zirinka_79, AlumE_82, BoyNamedSue_82
- Track 285 : Madeline_76
- Track 286 : Madavieve_80
- Track 287 : RavenCo17_74
- Track 288 : JonJames_13, Cardigan_14
- Track 289 : Yvonnestic_14
- Track 290 : Bantam_8
- Track 291 : Daredevil_10
- Track 292 : SpeedDemon_90
- Track 293 : DatBoi_9
- Track 294 : Towmatter_9
- Track 295 : Mollymur_10
- Track 296 : MortyNRick_97, Birdsong_96, BearBQ_102
- Track 297 : Crater_100, Apricot_101
- Track 298 : Kuwabara_94
- Track 299 : Honk_82
- Track 300 : Barnstormer_77, UtzChips_77
- Track 301 : Caron_82
- Track 302 : Percival_75, Gretchen_74
- Track 303 : Mabodamaca_75
- Track 304 : Floof_81
- Track 305 : Zeta1847_76
- Track 306 : SuMoo_83
- Track 307 : IAmGroot_75, GardenState_76
- Track 308 : Arianna_54, Poushou_54, TouchMeNot_54
- Track 309 : LunaStella_101, TChen_101, Renaud18_112
- Track 310 : RootBeer_55
- Track 311 : Scotia_58, NoSwimming_59
- Track 312 : ZenTime222_65, Bernal13_59, Ibrahim_59, RonRayGun_59, Whitty_58
- Track 313 : Mendokysei_63
- Track 314 : Nairb_57
- Track 315 : Nette_66
- Track 316 : Nebkiss_165, Gaia_169
- Track 317 : Juicebox_59
- Track 318 : Samy_101
- Track 319 : Attoomi_53
- Track 320 : Footloose_71
- Track 321 : 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 164, it was called in 593 of the 938 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 20ES_4, 40AC_5, AEgle_67, AN3_4, AN9_4, ANI8_4, Aaronocolus_2, AbbyPaige_5, Abbyshoes_2, Acme_2, Acolyte_4, Adahisdi_1, Adolin_71, Adumb2043_68, Adzzy_4, Aeneas_1, Agape74_5, Aglet_1, Ajay_1, Aldrich_2, Alsfro_2, Altman_3, Alvin_3, Amploria_69, Amyev_68, Anaysia_4, Aneem_4, Anglerfish_2, AnnaL29_4, Anon_4, Anselm_5, Anthony_1, Anubis_3, Applejack_1, Arcanine_2, ArcherNM_4, Arlo_2, Artemis2UCLA_4, Asa16_69, Ascela_71, Ashballer_1, Asten_2, Atkinbua_1, Attoomi_53, AugsMagnumOpus_3, BABullseye_4, BPBiebs31_2, BabyBack_4, BabyRay_1, BaconJack_2, Bactobuster_4, Baehexic_5, Barnstormer_77, Barriga_2, BarrowTuph_1, BarryBee_3, Battleship_5, BeardedLady_2, Beatrix_1, Beauxregard13_1, BeesKnees_2, BengiVuitton_4, Benvolio_5, Berrie_69, Bethlehem_2, Bexan_1, BiancaTri92_4, Big3_1, BigMau_3, BigPaolini_1, Bigchung_1, Bigfoot_1, BillKnuckles_2, Bircsak_2, BlessJoy_4, Blesser_1, Blinn1_4, BluSpix_1, Blue7_4, BlueBird_1, Blue_3, Bob3_2, BobSwaget_5, Bones_1, Boohoo_4, Bovely_2, Bowtie_4, Briton15_2, Bruns_1, BryanRecycles_2, Bud_4, Bugsy_5, Burton_2, Buttons_2, Bxb1_1, Bxz2_1, C3_04, CRB1_4, CactusRose_1, Caliburn_2, Carlyle_2, Caron_82, Cassia_68, Caviar_1, Celeste_2, Centaur_5, Chanagan_2, Changeling_4, Chargerpower_5, Chartreuse_4, Che12_4, ChipMunk_5, Chucky_2, Ciao_1, CloudWang3_4, Colin_5, Community_70, ConceptII_2, Cookiedough_4, Corvo_2, Crewmate_74, Crispicous1_1, Crucio_5, Cueyliss_1, Cyan_70, D29_4, D32_4, DBQu4n_4, DD5_2, DaHudson_1, DaVinci_4, Dalmatian_5, Dattran_2, DeerParkTS_4, DekHockey33_4, Deloris_4, Dexes_2, Dignity_5, Doom_1, Dorothea_4, DrFeelGood_1, DrManhattan_72, DrSierra_66, Drake55_5, Dreamboat_2, DroogsArmy_1, DudeLittle_5, Dulcie_1, Duplo_4, Dussy_2, Dwayne_2, Dynamix_2, EZMoney23_4, Echid_5, Eddasa_2, Edtherson_2, Ejemplo_2, Elezi_68, Elle_4, Emaanora_3, Emotion_74, EnzoK_1, EpicPhail_1, Epsocamisio_4, Equemioh13_5, Eraser_69, EricB_4, Esperer_2, Espresso_2, Euphoria_2, EvilGenius_5, Exile_60, Eyeball_1, Fajezeel_2, Fameo_5, Farber_1, Fascinus_1, Fenn_1, Fernando_1, Fibonacci_4, FiringLine_5, First_004, Flare16_5, Flaverint_4, Floof_81, Flutur_69, Footloose_71, Forsytheast_1, Francis47_2, Froghopper_2, Fushigi_2, GMonster_2, GageAP_2, Gail_4, Gandalf20_2, GardenState_76, GaugeLDP_4, Georgie2_5, Gilberta_4, Giroux_1, Gladiator_4, Goby_2, Gompeii16_2, Graduation_1, GrecoEtereo_2, GreedyLawyer_4, Greg_2, Gretchen_74, Grif_1, GroundGoblin_2, Groupthink_2, Grub_1, Grum1_1, Gruunaga_4, GtownJaz_1, Gwendoluna_1, Gyzlar_2, HINdeR_1, Hami1_1, Hammer_4, HarryHoudini_5, HarryOW_2, HaveUMetTed_2, Heffalump_5, Helmet_4, Herbertwm_1, Hercules11_1, Hermia_2, HermioneGrange_2, Hexamo_4, HippoHollow_4, Hippo_2, Homines_2, Honk_82, Hookmount_1, Hoot_4, Hope4ever_1, Hutc2_4, Hydra_3, IAmGroot_75, ILeeKay_1, IUFootball_69, Ichabod_2, IgnatiusPatJac_1, Indigo_2, Indra_4, Insomnia_4, Inyanga_1, Iqorha_1, IronMan_4, Isca_1, Isiphiwo_4, Iter_70, IttyBittyPiggy_70, Iwokeuplikedis_5, Izzy_2, JC27_2, JF2_1, JF4_1, JHC117_1, JSwag_4, Jaan_4, Jabith_4, JackSparrow_1, Janeemi_69, Jash_2, JasmineDragon_70, Jasper_2, Jeeves_4, Jeffabunny_4, JeppNRM_2, Jerm2_2, Jerm_5, JewelBug_4, Joemato_71, JohnDoe_70, Jordennis_4, Jorgensen_2, Joselito_4, JoshKayV_5, Journey13_4, Jsquared_4, JuliaChild_2, JuneStar_68, KADY_2, KBG_2, Kalb97_2, Kalpine_4, Kanely_3, Katalie_2, KatherineG_4, Kaylissa_71, Kazan_4, KeAlii_67, Kenmech_2, Kerberos_4, KikiBouba_2, Killigrew_1, Kimona_1, KingCyrus_5, Kipper29_4, Koko_4, Kugel_1, KyMonks1A_1, Kykar_1, L5_4, LadyBird_4, Lambert1_1, Lamina13_2, Landor_4, Lannister_3, Larenn_5, LarryKay_1, LastResort_4, Legacy_2, Lego_69, Leogania_4, Lesedi_1, Levia_1, Leviathan_5, Leviticus_2, Licorice_2, Liebe_69, Lika_2, LilBib_1, LilTurb_5, Lilbunny_4, Lilith_1, LionsBait_4, Lizalica_69, Lockley_2, Lokk_5, London_69, Looper_4, Lopton_2, Lorelei_2, Loser_4, Louie6_1, Luchador_4,

Lucivia_4, LunarLander_1, MA5_1, MK4_1, MPlant7149_2, MaCh_4, MaGuCo_63, Mabodamaca_75, Magnar_1, Mainiac_1, Makemake_2, Malec_5, Malinsilva_3, Manatee_2, Maneekul_2, Manu_2, MarQuardt_1, Marcell_2, Marchy_2, Marco3_1, Marge_1, Margo_1, Marius_2, Maroc7_1, MaryBeth_2, Maureen_69, McFly_4, McGuire_2, McSinger_2, MetalQZJ_2, Methuselah_1, Michley_1, Microwolf_1, MiculUcigas_5, Miko_5, MinecraftSteve_5, MiniMommy_69, MissSwiss_70, MissWhite_4, Mkhuseleli_1, Molly_2, Monet_2, Moose_1, Mryolo_1, Mudpuppy_68, Mulciber_4, Mule_1, Munch_4, Museum_3, NEHalo_2, NaSiaTalie_5, Nabi_2, Naira_1, Naji_4, Nanodon_3, Nebulosus_4, Nedarya_4, Neeharika16_4, Nerdos_2, Nerujay_1, Newrala_4, Nhonho_2, NicoleTera_4, Niobe_69, Nitro_70, Niza_3, Noella_1, Norz_2, Noxious_2, ObiToo_74, Odin_3, Ohno789_1, OlanP_1, Oliynyk_2, Ollie_1, Oofda_4, Oogway_1, Ozzie_2, OzzyJ_3, PGHhamlin_3, PSullivan_2, PacerPaul_2, Paphu_1, Paraselene_1, Pari_2, Parliament_1, PascalRango_2, PattyP_2, Payneful_2, Pelly_2, Penny1_1, Pepe_2, Percival_75, Perseus_1, Peterson_1, Petp2012_2, Petruchio_2, Ph8s_4, Phaded_4, PherrisBueller_2, Phettuccine_2, PhineBark_1, PhishRPhriends_1, Phives_70, Phlippers_1, Phoxy_1, Phranny_2, PinkPlastic_1, Pippin_2, Piro94_4, Pistachio_1, Pita2_2, Pixelle_68, Pmask_4, Pocahontas_1, Polyphemus_4, Pomar16_4, PowerRanger_1, Power_5, Powerpuff_71, Priamo_4, ProMouse_1, Pukovnik_4, Puppet_1, Puppy_1, QTRLifeCrisis_1, QueenB2_5, QueenBeesly_5, Rachaly_5, Raid_3, Rajelicia_2, Rana_2, ReMo_4, Reba_2, RedBear_3, RedRock_4, Reedo_68, Refuge_4, Remus_4, ResDef_1, Retro23_5, Rhynn_1, RidgeCB_2, Rifter_4, Ringer_1, Rohr_2, Roksolana_4, Rosalind_4, Rubeus_2, Rufus_2, Rusticus_2, Rutherferd_1, STLscum_2, Sabinator_1, Sagefire_2, Salz_4, Samy_101, SarFire_2, SarahRose_2, Scowl_2, Seabiscuit_2, Seanderson_1, SemperFi_5, Serenity_4, ShakeltOph_70, Sham4_4, ShayRa_5, ShortQueendom_1, Sibs6_2, Skelbel_70, SkiPole_2, Sknot_5, Slagathor_2, Smairt_1, Smeagan_5, Smeagol_1, SmellyB_4, SnapTap_5, Snape_4, Snazzy_1, Snek_68, Snickers_1, Snorlax_2, Solon_1, Soondubu_62, SororFago_4, Sorpresa_1, Soups_4, South40_2, Spike509_1, SpikeBT_1, Squee_1, Stagni_1, StarStuff_4, Steamy_4, StepMih_1, StewieG_1, StrongArm_1, Strosahl_4, SuMoo_83, Subaru_69, Sue2_68, Sujidade_2, Sumter_1, SunsetPointe_2, Sunshine924_1, SuperAwesome_4, SuperCallie99_4, Superchunk_4, SweetiePie_5, SwissCheese_1, Switzer_2, Switzerland_4, Swole_2, TNguyen7_1, TagePhighter_3, Tallboi_69, Target_2, TarsusIV_5, Tasp14_2, Tbone_69, Temprado_4, Teodoridan_1, Terrific_6, TforTroy_69, TheloniousMonk_2, Thor_2, ThursdayNight_73, Tian_67, Tiffany_1, Timothy_4, Timshel_1, TinyTimmy_4, TipsytheTRex_4, Todacoro_1, Toma_2, Tomathan_4, Topgun_1, Tote_2, Traft412_3, Travvers_4, Treddle_2, Tripl3t_1, Tristan_4, Triste_2, Trixie_4, Trooper_5, TuanPN_2, Tuck_69, Tucker_4, Turab_68, Turbido_5, Turj99_1, Tutumahutu_71, Tweety19_69, TwoPeat_2, U2_2, Unstoppable_2, Updawg_5, UtzChips_77, VA6_4, VC3_4, VResidence_72, Violet_2, Vix_1, VohminGhazi_4, VroomVroom_67, Waits_4, Warda_70, Warrior24_4, Watermelon_2, Watson_1, WeiHuaDA_5, Werner_2, Whabigail7_5, Wheeler_2, Whitspit_2, WideWale_5, Wiks_4, Wildwest_65, Wilkins_1, WunderPhul_4, XianYue_4, Yang_68, Yasdn1l_2, Yecey3_4, YesChef_69, Yokurt_4, Zaka_4, Zeeculate_1, Zemlya_2, Zephyr_1, Zeta1847_76, Zeuska_1, Zulu_4,

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

- AFIS_1, AgronaGT15_1, Ashes_63, Bachome_4, Beaupre_62, BreSam8_1, Cappuccino_63, Colbster_1, Cullens_1, Daishi_1, Danzina_2, Dieselweasel_1, Donkey_63, Ebony_4, Gambol_64, Gemma_1, GingkoMaracino_1, Giorgio_62, Gumpizza_62, Halsey_63, HashRod_2, Heliosoles_1, JenCasNa_1, Jobu08_1, Juicebox_59, KSSJEB_1, Kalimba_63, Kalnoky_2, Kimba_4, LBerry_1, LugYA_3,

MadMarie_1, Marie_1, Misomonster_3, MoneyMay_1, Moss_63, MrGordo_1, Mysterium_62, Orange_4, P28Green_1, Papez_2, Pawn_1, Pembroke_1, Phoebe_1, PotatoSplit_2, PurpleHaze_1, RockScotty_62, Rummer_1, Sabia_1, SoilDragon_1, Sooty_63, Soshari_3, SpecialK_63, Stuu_63, Taurus_1, TinyPebbles_1, Toaka_4, Whatever_2, Wooldri_3, Zetzy_1,

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

• 8UZL_67, Abrogate_20, Abscondus_13, Agatha_71, AgentM_1, Agueybana_85, Airmid_1, Aliter_4, Alma_4, Alsaber_3, AlumE_82, Alvy_3, Amethyst_2, Amok_68, AndPeggy_63, Andris_2, Angelique_76, Animus_3, Antonio_78, Aphelion_14, Apricot_101, Aragog_1, Archetta_1, Arianna_54, Arissanae_4, Astro_1, Axiom_3, Axym_69, Ayanochan_5, Azira_67, Bachita_15, Balloona_71, Bantam_8, BartholomewSD_3, BatStarr_83, BearBQ_102, Beemo_4, Benedict_1, Bernal13_59, Bialota_79, Birdsong_96, BogosyJay_4, Bosnia_82, Bowden_2, BoyNamedSue_82, Bradissa_76, BritBrat_98, BroPlease_1, BrutonGaster_7, Bubble_70, Bunnybear_78, Burnsey_70, Button_71, Buttrmlkdreams_71, Caelum_3, Cardigan_14, Cashline_76, Catalina_4, Celery_4, Celia_2, Cerulean_1, Chadwick_1, ChampagnePapi_1, Charm_4, Chupacabra_1, Cindaradix_1, ClubL_14, CocoaPuff_70, Conan_4, Conquerage_4, Conspiracy_1, Coog_1, Crater_100, Cuco_1, Cucurbita_13, Culver_13, Daredevil_10, Darrell_4, DarthPhader_4, DatBoi_9, Daudau_2, Diane_2, Discoknowium_1, Dixon_1, Drake94_1, Dre3_68, DreamCatcher_2, DreamTeam1_4, Dusty_13, EMSquaredA_80, EagleEye_4, Eaglepride_1, Edison31_1, Eidsmoe_4, ElGato_4, ElTiger69_1, Elephantoon_4, Elinal_76, Emalyn_67, EmyBug_4, EnalisNailo_76, Engineer_14, EnochSoames_2, Eudoria_79, Eviarto_84, ExplosioNervosa_4, FF47_64, Farewell_96, Fayely_4, Floral_80, FlyCatcher_1, ForGetIt_1, Fred313_1, Fribs8_67, Gaia_169, Geeche_13, GiKK_75, GirlDinner_2, Goose_1, GreenWeasel_1, Haizum_2, Hank144_2, Herod_84, HippoPololi_68, Horseradish_71, HortumSL17_4, HuhtaEnerson15_1, Hyzer_101, Ibrahim_59, Issmi_2, Itza_2, Jabiru_1, Jablanski_82, JacoRen57_63, Jamzy_76, Janus_3, Jevington_3, Jhitchelle_3, JonJames_13, Jovo_1, Kachowdy_1, Kaine_3, KayGee_74, Keziacharles14_4, Kita_80, KittenMittens_1, Klodlith_4, Kristoff_2, Kuwabara_94, LHTSCC_1, Lauer_66, Lev2_1, LittleCherry_1, LoneWolf_4, LonelyBoi_78, Loofah_3, Lozinak_14, Lucyedi_4, LunaStella_101, MAnor_73, Maco6_63, Madavieve_80, Madeline_76, MalagasyRose_85, Maminiaina_4, Manasvini_81, Marav_3, Margaret_75, Maridalia_83, Marsha_2, Mayweather_74, McDazzle_71, Mendokysei_63, Midas2_1, Milcery_1, Miskis_12, Mollymur_10, MortyNRick_97, Muddy_67, MunkgeeRoachy_69, MyraDee_1, Myxus_4, Naca_1, Nairb_57, NearlyHeadless_1, Nebkiss_165, Neobush_81, Nergal_81, Nette_66, Nibbles_67, Nishikigoi_2, NoShow_74, NoSwimming_59, Nodigi_74, Norvs_14, Nymphadora_84, OKCentral2016_1, Omar_2, OneUp_9, Orla_75, Pablito_2, PackMan_4, Paedore_3, PainterBoy_4, Paolo_3, Pavo_3, PeaceMeal1_1, PetterN_1, Phaeder_4, Phantastic_1, Pharaoh_4, Phillis_1, PhinkBoden_15, Phlorence_1, Phonnegut_4, PickleBack_1, Pioneer_4, Pollux_82, Polly_76, Pons_74, Poompha_1, Posh_79, PotPie_71, Poushou_54, Priya_4, Provolone_4, Puginator_3, Pytheas_83, Qobbit_4, Quasar_71, R4_1, Rahalelujah_4, RanchParmCat_74, RavenCo17_74, Renaud18_112, RhynO_1, Roary_1, RonRayGun_59, RootBeer_55, Ruotula_2, RyeScarlet_5, SPB78_77, Saftant_2, Saintus_1, Sanya_1, Scherzo_4, Scorpia_1, Scotia_58, Scout_1, Severus_1, SheaKeira_4, Sheen_1, Smeadley_1, Smoothie_14, Sparky_95, SpeedDemon_90, Speedwell_3, Spouty_4, SqueakyClean_3, Stephig9_1, Stink_1, Sudan_3, SummitAcademy_71, Survivors_69, Suscepit_79, SweatNTears_71, TChen_101, Tailonex_1, Tayonia_79, Tefunt_2, ThankyouJordi_83, Thestral_2, Tiger_1, TimTam_84, TinaBelcher_2, Toniann_14, Topanga_1, Toro_1, TouchMeNot_54, Towmatter_9, Triumph_3, Troje_71,

Trumpet_79, TrvxScott_2, Tubs_4, Twister_1, UnionJack_87, Urza_2, VWB_70, Vanisoa_4, Verabelle_3, Verse_2, VieEnRose_2, Vine_74, WalterMcMickey_1, WelcomeAyanna_83, Whitty_58, WilliamBoone_12, Wolfwood_69, Wrigley_81, Yakult_74, Yosif_3, Yucky_74, Yummy_71, Yvonnestic_14, Zainub_3, Zameen_79, Zareef_67, ZenTime222_65, Zimmer_4, Zirinka_79, phiHau3_1,

Summary by start number:

Start 69:

- Found in 23 of 1006 (2.3%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 4.3% of time when present
- Phage (with cluster) where this start called: Whatever_2 (BD1),

Start 85:

- Found in 6 of 1006 (0.6%) of genes in pham
- Manual Annotations of this start: 6 of 938
- 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 87:

- Found in 7 of 1006 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 14.3% of time when present
- Phage (with cluster) where this start called: Nette_66 (T),

Start 95:

- Found in 13 of 1006 (1.3%) of genes in pham
- Manual Annotations of this start: 2 of 938
- Called 15.4% of time when present
- Phage (with cluster) where this start called: ChampagnePapi_1 (A4), Stink_1 (A4),

Start 96:

- Found in 3 of 1006 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Cindaradix_1 (A4),

Start 112:

- Found in 10 of 1006 (1.0%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 10.0% of time when present
- Phage (with cluster) where this start called: Daudau_2 (BD2),

Start 114:

- Found in 3 of 1006 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 33.3% of time when present
- Phage (with cluster) where this start called: AndPeggy_63 (CT),

Start 129:

- Found in 3 of 1006 (0.3%) of genes in pham

- Manual Annotations of this start: 3 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: NoSwimming_59 (FO), RootBeer_55 (FA), Scotia_58 (FO),

Start 130:

- Found in 31 of 1006 (3.1%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 3.2% of time when present
- Phage (with cluster) where this start called: Papez_2 (A1),

Start 131:

- Found in 29 of 1006 (2.9%) of genes in pham
- Manual Annotations of this start: 27 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Agueybana_85 (CZ1), AlumE_82 (CZ1), Antonio_78 (CZ1), BatStarr_83 (CZ1), Bialota_79 (CZ1), Bosnia_82 (CZ1), BoyNamedSue_82 (CZ1), Bunnybear_78 (CZ), Eudoria_79 (CZ1), Eviarto_84 (CZ1), Herod_84 (CZ1), Hyzer_101 (CZ1), Kita_80 (CZ1), Madavieve_80 (CZ1), Madeline_76 (CZ1), Manasvini_81 (CZ1), Maridalia_83 (CZ1), Neobush_81 (CZ1), Nymphadora_84 (CZ1), Polly_76 (CZ1), RavenCo17_74 (CZ8), Suscepit_79 (CZ1), Tayonia_79 (CZ1), ThankyouJordi_83 (CZ1), TimTam_84 (CZ1), Trumpet_79 (CZ1), WelcomeAyanna_83 (CZ1), Zameen_79 (CZ1), Zirinka_79 (CZ1),

Start 135:

- Found in 23 of 1006 (2.3%) of genes in pham
- Manual Annotations of this start: 3 of 938
- Called 13.0% of time when present
- Phage (with cluster) where this start called: ExplosioNervosa_4 (A9), Qobbit_4 (A9), Toaka_4 (A9),

Start 138:

- Found in 1 of 1006 (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 140:

- Found in 103 of 1006 (10.2%) of genes in pham
- Manual Annotations of this start: 2 of 938
- Called 1.9% of time when present
- Phage (with cluster) where this start called: AFIS_1 (A1), KSSJEB_1 (A1),

Start 141:

- Found in 94 of 1006 (9.3%) of genes in pham
- Manual Annotations of this start: 35 of 938
- Called 37.2% of time when present
- Phage (with cluster) where this start called: AgronaGT15_1 (A3), BreSam8_1 (A3), Colbster_1 (A3), Cullens_1 (A3), Daishi_1 (A3), Danzina_2 (BD1), Dieselweasel_1 (A3), 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), MrGordo_1 (A1), 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), Taurus_1 (A3), TinyPebbles_1 (A3), Wooldri_3 (A3), Zetzy_1 (A3),

Start 144:

- Found in 17 of 1006 (1.7%) of genes in pham
- Manual Annotations of this start: 3 of 938
- Called 23.5% of time when present
- Phage (with cluster) where this start called: Fred313_1 (A3), Kachowdy_1 (A3), Phantastic_1 (A3), Scout_1 (A3),

Start 145:

- Found in 15 of 1006 (1.5%) of genes in pham
- Manual Annotations of this start: 15 of 938
- Called 100.0% 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 151:

- Found in 5 of 1006 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 20.0% of time when present
- Phage (with cluster) where this start called: GiKK_75 (CT),

Start 153:

- Found in 3 of 1006 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: FlyCatcher_1 (A7), Sheen_1 (A7), Toro_1 (A7),

Start 155:

- Found in 13 of 1006 (1.3%) of genes in pham
- Manual Annotations of this start: 9 of 938
- Called 76.9% of time when present
- Phage (with cluster) where this start called: Elinal_76 (CT), KayGee_74 (CT), MAnor_73 (CT), Mayweather_74 (CT), McDazzle_71 (CT), Pons_74 (CT), PotPie_71 (CT), SummitAcademy_71 (CT), Vine_74 (CT), Yucky_74 (CT),

Start 156:

- Found in 15 of 1006 (1.5%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 6.7% of time when present
- Phage (with cluster) where this start called: Tefunt_2 (BD2),

Start 158:

- Found in 5 of 1006 (0.5%) of genes in pham
- Manual Annotations of this start: 2 of 938
- Called 40.0% of time when present
- Phage (with cluster) where this start called: Bubble_70 (CT), Quasar_71 (CT),

Start 159:

- Found in 8 of 1006 (0.8%) of genes in pham
- Manual Annotations of this start: 2 of 938
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Cerulean_1 (A4), LHTSCC_1 (A4),

Start 161:

- Found in 38 of 1006 (3.8%) of genes in pham
- Manual Annotations of this start: 33 of 938
- Called 94.7% of time when present
- Phage (with cluster) where this start called: Aliter_4 (A9), Alma_4 (A9), Arissanae_4 (A9), Ayanochan_5 (A9), Beemo_4 (A9), BogosyJay_4 (A9), Catalina_4 (A9), Charm_4 (A9), Conquerage_4 (A9), Darrell_4 (A9), DreamTeam1_4 (A9), EagleEye_4 (A16), Eidsmoe_4 (A9), Elephantoon_4 (A9), EmyBug_4 (A9), Fayely_4 (A9), HortumSL17_4 (A9), Keziacharles14_4 (A9), Klodlith_4 (A9), LoneWolf_4 (A9), Lucyedi_4 (A16), Maminiaiina_4 (A9), Myxus_4 (A9), PackMan_4 (A9), PainterBoy_4 (A16), Phaeder_4 (A9), Phonnegut_4 (A9), Pioneer_4 (A9), Priya_4 (A9), Rahalelujah_4 (A9), RyeScarlet_5 (A9), Scherzo_4 (A9), Sheakeira_4 (A9), Spouty_4 (A9), Tubs_4 (A9), Vanisoa_4 (A9),

Start 162:

- Found in 46 of 1006 (4.6%) of genes in pham
- Manual Annotations of this start: 29 of 938
- Called 63.0% of time when present
- Phage (with cluster) where this start called: AgentM_1 (A5), Aragog_1 (A5), Archetta_1 (A5), Benedict_1 (A5), Chadwick_1 (A5), Conspiracy_1 (A5), Coog_1 (A5), Cuco_1 (A5), DarthPhader_4 (A12), Discoknowium_1 (A5), ElTiger69_1 (A5), ForGetIt_1 (A5), HuhtaEnerson15_1 (A5), Jabiru_1 (A5), Jovo_1 (A5), Lev2_1 (A5), LittleCherry_1 (A5), Marsha_2 (A1), Midas2_1 (A5), Milcery_1 (A5), Naca_1 (A5), PetterN_1 (A5), Pharaoh_4 (A12), Phlorence_1 (A5), PickleBack_1 (A5), Scorpia_1 (A5), Tiger_1 (A5), UnionJack_87 (A5), Zimmer_4 (A12),

Start 163:

- Found in 3 of 1006 (0.3%) of genes in pham
- No Manual Annotations of this start.
- Called 66.7% of time when present
- Phage (with cluster) where this start called: SPB78_77 (BA), VWB_70 (BA),

Start 164:

- Found in 694 of 1006 (69.0%) of genes in pham
- Manual Annotations of this start: 593 of 938
- Called 91.4% of time when present
- Phage (with cluster) where this start called: 20ES_4 (A2), 40AC_5 (A17), AEgle_67 (AZ1), AN3_4 (A2), AN9_4 (A2), ANI8_4 (A2), Aaronocolus_2 (BD1), AbbyPaige_5 (A2), Abbyshoes_2 (A1), Acme_2 (A1), Acolyte_4 (A2), Adahisdi_1 (A1), Adolin_71 (AZ1), Adumb2043_68 (AZ1), Adzzy_4 (A2), Aeneas_1 (A1), Agape74_5 (A2), Aglet_1 (A3), Ajay_1 (A1), Aldrich_2 (A1), Alsfro_2 (A1), Altman_3 (A1), Alvin_3 (A1), Amploria_69 (AZ1), Amyev_68 (AZ1), Anaysia_4 (A15), Aneem_4 (A11), Anglerfish_2 (A1), AnnaL29_4 (A2), Anon_4 (A15), Anselm_5 (A2), Anthony_1 (A20), Anubis_3 (A3), Applejack_1 (A1), Arcanine_2 (A1), ArcherNM_4 (A2), Arlo_2 (A1), Artemis2UCLA_4 (A6), Asa16_69 (AZ1), Ascela_71 (AZ1), Ashballer_1 (A1), Asten_2 (BD1), Atkinbua_1 (A1), Attoomi_53 (singleton), AugsMagnumOpus_3 (A3),

BABullseye_4 (A6), BPBiebs31_2 (A1), BabyBack_4 (A2), BabyRay_1 (A3), BaconJack_2 (A1), Bactobuster_4 (A2), Baehexic_5 (A2), Barnstormer_77 (EH), Barriga_2 (A1), BarrowTuph_1 (A1), BarryBee_3 (BD1), Battleship_5 (A15), BeardedLady_2 (BD1), Beatrix_1 (A1), Beauxregard13_1 (A3), BeesKnees_2 (A1), BengiVuitton_4 (A2), Benvolio_5 (A2), Berrie_69 (AZ1), Bethlehem_2 (A1), Bexan_1 (A1), BiancaTri92_4 (A2), Big3_1 (A1), BigMau_3 (A1), BigPaolini_1 (A1), Bigchung1_1 (A1), Bigfoot_1 (A1), BillKnuckles_2 (A1), Bircsak_2 (A1), BlessJoy_4 (A6), Blesser_1 (A1), Blinn1_4 (A6), BluSpix_1 (A1), Blue7_4 (A6), BlueBird_1 (A3), Blue_3 (A1), Bob3_2 (A1), BobSwaget_5 (A2), Bones_1 (A1), Boohoo_4 (A15), Bovey_2 (BD1), Bowtie_4 (A11), Briton15_2 (A1), Bruns_1 (A1), BryanRecycles_2 (BD1), Bud_4 (A11), Buggy_5 (A2), Burton_2 (A1), Buttons_2 (A1), Bxb1_1 (A1), Bxz2_1 (A3), C3_04 (A2), CRB1_4 (A2), CactusRose_1 (A1), Caliburn_2 (BD1), Carlyle_2 (A1), Caron_82 (EH), Cassia_68 (AZ1), Caviar_1 (A3), Celeste_2 (BD1), Centaur_5 (A2), Chanagan_2 (A1), Changeling_4 (A2), Chargerpower_5 (A22), Chartreuse_4 (A6), Che12_4 (A2), ChipMunk_5 (A2), Chucky_2 (BD1), Ciao_1 (A1), CloudWang3_4 (A6), Colin_5 (A2), Community_70 (AZ1), Concept11_2 (A1), Cookiedough_4 (A6), Corvo_2 (A1), Crewmate_74 (AZ1), Crispicious1_1 (A1), Crucio_5 (A2), Cueyliss_1 (A1), Cyan_70 (AZ1), D29_4 (A2), D32_4 (A2), DBQu4n_4 (A2), DD5_2 (A1), DaHudson_1 (A3), DaVinci_4 (A6), Dalmatian_5 (A2), Dattran_2 (BD1), DeerParkTS_4 (A2), DekHockey33_4 (A15), Deloris_4 (A2), Dexes_2 (A1), Dignity_5 (A2), Doom_1 (A1), Dorothea_4 (A6), DrFeelGood_1 (A1), DrManhattan_72 (AZ1), DrSierra_66 (AZ1), Drake55_5 (A2), Dreamboat_2 (A1), DroogsArmy_1 (A7), DudeLittle_5 (A2), Dulcie_1 (A1), Duplo_4 (A2), Dussy_2 (A1), Dwayne_2 (BD1), Dynamix_2 (A1), EZMoney23_4 (A2), Echid_5 (A2), Eddasa_2 (BD1), Edtherson_2 (A1), Ejemplo_2 (BD1), Elezi_68 (AZ1), Elle_4 (A15), Emaanora_3 (BD1), Emotion_74 (AZ4), EnzoK_1 (A1), EpicPhail_1 (A3), Epsocamisio_4 (A15), Equemioh13_5 (A2), Eraser_69 (AZ1), EricB_4 (A6), Esperer_2 (BD1), Espresso_2 (A1), Euphoria_2 (A1), EvilGenius_5 (A2), Exile_60 (AZ6), Eyeball_1 (A1), Fajezeel_2 (A1), Fameo_5 (A2), Farber_1 (A3), Fascinus_1 (A1), Fenn_1 (A1), Fernando_1 (A3), Fibonacci_4 (A11), FiringLine_5 (A2), First_004 (A2), Flare16_5 (A2), Flaverint_4 (A11), Floof_81 (EH), Flutur_69 (AZ), Footloose_71 (singleton), Forsytheast_1 (A1), Francis47_2 (A1), Froghopper_2 (A1), Fushigi_2 (A1), GMonster_2 (A1), GageAP_2 (A1), Gail_4 (A14), Gandalf20_2 (A1), GardenState_76 (EH), GaugeLDP_4 (A2), Georgie2_5 (A2), Gilberta_4 (A11), Giroux_1 (A3), Gladiator_4 (A6), Goby_2 (BD1), Gompeii16_2 (A1), Graduation_1 (A1), GrecoEtereo_2 (A1), GreedyLawyer_4 (A6), Greg_2 (A1), Gretchen_74 (EH), Grif_1 (A3), GroundGoblin_2 (A1), Groupthink_2 (A3), Grub_1 (A3), Grum1_1 (A3), Gruunaga_4 (A6), GtownJaz_1 (A3), Gwendoluna_1 (A1), Gyzlar_2 (A1), HINder_1 (A7), Hami1_1 (A1), Hammer_4 (A6), HarryHoudini_5 (A2), HarryOW_2 (A1), HaveUMetTed_2 (A3), Heffalump_5 (A2), Helmet_4 (A6), Herbertwm_1 (A2), Hercules11_1 (A3), Hermia_2 (A1), HermioneGrange_2 (A1), Hexamo_4 (A6), HippoHollow_4 (A2), Hippo_2 (BD1), Homines_2 (A1), Honk_82 (EH), Hookmount_1 (A3), Hoot_4 (A6), Hope4ever_1 (A1), Hutc2_4 (A11), Hydra_3 (BD1), IAmGroot_75 (EH), ILeeKay_1 (A1), IUFootball_69 (AZ2), Ichabod_2 (A1), IgnatiusPatJac_1 (A1), Indigo_2 (BD1), Indra_4 (A6), Insomnia_4 (A11), Inyanga_1 (A1), Iqorha_1 (A1), IronMan_4 (A2), Isca_1 (A3), Isiphiwo_4 (A6), Iter_70 (AZ1), IttyBittyPiggy_70 (AZ1), Iwokeupikedis_5 (A2), Izzy_2 (BD1), JC27_2 (A1), JF2_1 (A3), JF4_1 (A3), JHC117_1 (A3), JSwag_4 (A15), Jaan_4 (A2), Jabith_4 (A11), JackSparrow_1 (A1), Janeemi_69 (AZ1), Jash_2 (BD1), JasmineDragon_70 (AZ4), Jasper_2 (A1), Jeeves_4 (A14), Jeffabunny_4 (A6), JeppNRM_2 (A3), Jerm2_2 (A1), Jerm_5 (A2), JewelBug_4 (A6), Joemato_71 (AZ1), JohnDoe_70 (AZ1), Jordennis_4 (A6), Jorgensen_2 (A1), Joselito_4 (A11), JoshKayV_5 (A2), Journey13_4 (A2), Jsquared_4 (A2), JuliaChild_2 (A1), JuneStar_68 (AZ1), KADY_2 (A3), KBG_2 (A1),

Kalb97_2 (A3), Kalpine_4 (A2), Kanely_3 (A1), Katalie_2 (BD1), KatherineG_4 (A15), Kaylissa_71 (AZ1), Kazan_4 (A6), KeAlii_67 (AZ1), Kenmech_2 (A1), Kerberos_4 (A2), KikiBouba_2 (A1), Killigrew_1 (A1), Kimona_1 (A19), KingCyrus_5 (A2), Kipper29_4 (A6), Koko_4 (A6), Kugel_1 (A1), KyMonks1A_1 (A1), Kykar_1 (A1), L5_4 (A2), LadyBird_4 (A2), Lambert1_1 (A3), Lamina13_2 (A1), Landor_4 (A2), Lannister_3 (BD1), Larenn_5 (A2), LarryKay_1 (A3), LastResort_4 (A15), Legacy_2 (BD1), Lego_69 (AZ1), Leogania_4 (A2), Lesedi_1 (A1), Levia_1 (A1), Leviathan_5 (A2), Leviticus_2 (BD1), Licorice_2 (A1), Liebe_69 (AZ2), Lika_2 (BD1), LilBib_1 (A1), LilTurb_5 (A2), Lilbunny_4 (A6), Lilith_1 (A3), LionsBait_4 (A2), Lizalica_69 (AZ1), Lockley_2 (A1), Lokk_5 (A2), London_69 (AZ1), Looper_4 (A15), Lopton_2 (A1), Lorelei_2 (BD1), Loser_4 (A2), Louie6_1 (A3), Luchador_4 (A14), Lucivia_4 (A11), LunarLander_1 (A1), MA5_1 (A3), MK4_1 (A3), MPlant7149_2 (A1), MaCh_4 (A11), MaGuCo_63 (AZ2), Mabodamaca_75 (EH), Magnar_1 (A1), Mainiac_1 (A3), Makemake_2 (A1), Malec_5 (A2), Malinsilva_3 (A3), Manatee_2 (A1), Maneekul_2 (BD1), Manu_2 (A3), MarQuardt_1 (A3), Marcell_2 (A1), Marchy_2 (A1), Marco3_1 (A1), Marge_1 (A1), Margo_1 (A3), Marius_2 (A3), Maroc7_1 (A1), MaryBeth_2 (A1), Maureen_69 (AZ2), McFly_4 (A6), McGuire_2 (A1), McSinger_2 (A1), MetalQZJ_2 (A1), Methuselah_1 (A3), Michley_1 (A1), Microwolf_1 (A3), MiculUcigas_5 (A2), Miko_5 (A2), MinecraftSteve_5 (A15), MiniMommy_69 (AZ4), MissSwiss_70 (AZ1), MissWhite_4 (A2), Mkhuseleli_1 (A1), Molly_2 (A1), Monet_2 (A1), Moose_1 (A1), Mryolo_1 (A1), Mudpuppy_68 (AZ1), Mulciber_4 (A11), Mule_1 (A1), Munch_4 (A11), Museum_3 (A1), NEHalo_2 (A1), NaSiaTalie_5 (A2), Nabi_2 (BD1), Naira_1 (A1), Naji_4 (A2), Nanodon_3 (BD1), Nebulosus_4 (A15), Nedarya_4 (A15), Neeharika16_4 (A6), Nerdos_2 (BD1), Nerujay_1 (A1), Newrala_4 (A6), Nhonho_2 (A1), NicoleTera_4 (A2), Niobe_69 (AZ1), Nitro_70 (AZ1), Niza_3 (A1), Noella_1 (A3), Norz_2 (A1), Noxious_2 (A1), ObiToo_74 (AZ1), Odin_3 (A2), Ohno789_1 (A1), OlanP_1 (A3), Oliynyk_2 (BD1), Ollie_1 (A3), Oofda_4 (A15), Oogway_1 (A1), Ozzie_2 (BD1), OzzyJ_3 (BD1), PGHhamlin_3 (A3), PSullivan_2 (A1), PacerPaul_2 (A1), Paphu_1 (A1), Paraselene_1 (A1), Pari_2 (A1), Parliament_1 (A1), PascalRango_2 (A1), PattyP_2 (A1), Payneful_2 (A1), Pelly_2 (A1), Penny1_1 (A3), Pepe_2 (A1), Percival_75 (EH), Perseus_1 (A1), Peterson_1 (A1), Petp2012_2 (A1), Petruccio_2 (A1), Ph8s_4 (A2), Phaded_4 (A2), PherrisBueller_2 (A1), Phettuccine_2 (BD1), PhineBark_1 (A1), PhishRPhriends_1 (A3), Phives_70 (AZ1), Phlippers_1 (A1), Phoxy_1 (A3), Phranny_2 (A3), PinkPlastic_1 (A1), Pippin_2 (A1), Piro94_4 (A2), Pistachio_1 (A3), Pita2_2 (A1), Pixelle_68 (AZ1), Pmask_4 (A6), Pocahontas_1 (A3), Polyphemus_4 (A6), Pomar16_4 (A2), PowerRanger_1 (A1), Power_5 (A2), Powerpuff_71 (AZ1), Priamo_4 (A6), ProMouse_1 (A1), Pukovnik_4 (A2), Puppet_1 (A1), Puppy_1 (A3), QTRLifeCrisis_1 (A1), QueenB2_5 (A2), QueenBeesly_5 (A2), Rachaly_5 (A2), Raid_3 (A1), Rajelicia_2 (A1), Rana_2 (BD1), ReMo_4 (A15), Reba_2 (A3), RedBear_3 (BD1), RedRock_4 (A2), Reedo_68 (AZ1), Refuge_4 (A12), Remus_4 (A15), ResDef_1 (A3), Retro23_5 (A2), Rhynn_1 (A1), RidgeCB_2 (A1), Rifter_4 (A6), Ringer_1 (A1), Rohr_2 (A1), Roksolana_4 (A6), Rosalind_4 (A15), Rubeus_2 (A1), Rufus_2 (A1), Rusticus_2 (BD1), Rutherford_1 (A1), STLscum_2 (A1), Sabinator_1 (A3), Sagefire_2 (A1), Salz_4 (A11), Samy_101 (singleton), SarFire_2 (A1), SarahRose_2 (BD1), Scowl_2 (A1), Seabiscuit_2 (A1), Seanderson_1 (A1), SemperFi_5 (A2), Serenity_4 (A2), ShakeItOph_70 (AZ4), Sham4_4 (A11), ShayRa_5 (A15), ShortQueendom_1 (A1), Sibs6_2 (A1), Skelbel_70 (AZ1), SkiPole_2 (A1), Sknot_5 (A2), Slagathor_2 (A1), Smairt_1 (A1), Smeagan_5 (A2), Smeagol_1 (A1), SmellyB_4 (A6), SnapTap_5 (A2), Snape_4 (A11), Snazzy_1 (A1), Snek_68 (AZ3), Snickers_1 (A3), Snorlax_2 (BD1), Solon_1 (A1), Soondubu_62 (AZ6), SororFago_4 (A14), Sorpresa_1 (A1), Soups_4 (A15), South40_2 (BD1), Spike509_1 (A3), SpikeBT_1 (A1), Squee_1 (A1), Stagni_1 (A3), StarStuff_4 (A2), Steamy_4 (A12), StepMih_1 (A3), StewieG_1 (A1), StrongArm_1 (A1), Strosahl_4

(A15), SuMoo_83 (EH), Subaru_69 (AZ1), Sue2_68 (AZ1), Sujidade_2 (BD1), Sumter_1 (A1), SunsetPointe_2 (BD1), Sunshine924_1 (A1), SuperAwesome_4 (A6), SuperCallie99_4 (A6), Superchunk_4 (A2), SweetiePie_5 (A2), SwissCheese_1 (A1), Switzer_2 (A1), Switzerland_4 (A15), Swole_2 (A1), TNguyen7_1 (A3), TagePhighter_3 (BD1), Tallboi_69 (AZ1), Target_2 (A1), TarsusIV_5 (A2), Tasp14_2 (A1), Tbone_69 (AZ1), Temprado_4 (A6), Teodoridan_1 (A1), Terrific_6 (A2), TforTroy_69 (AZ1), TheloniousMonk_2 (A1), Thor_2 (A1), ThursdayNight_73 (AZ), Tian_67 (AZ1), Tiffany_1 (A3), Timothy_4 (A11), Timshel_1 (A7), TinyTimmy_4 (A11), TopsytheTRex_4 (A2), Todacoro_1 (A3), Toma_2 (BD1), Tomathan_4 (A2), Topgun_1 (A1), Tote_2 (A1), Traft412_3 (A1), Travvers_4 (A2), Treddle_2 (A1), Tripl3t_1 (A1), Tristan_4 (A2), Triste_2 (BD1), Trixie_4 (A2), Trooper_5 (A2), TuanPN_2 (BD1), Tuck_69 (AZ1), Tucker_4 (A6), Turab_68 (AZ1), Turbido_5 (A2), Turj99_1 (A1), Tutumahutu_71 (AZ1), Tweety19_69 (AZ3), TwoPeat_2 (A1), U2_2 (A1), Unstoppable_2 (BD1), Updawg_5 (A2), UtzChips_77 (EH), VA6_4 (A2), VC3_4 (A2), VResidence_72 (AZ1), Violet_2 (A1), Vix_1 (A3), VohminGhazi_4 (A6), VroomVroom_67 (AZ4), Waits_4 (A15), Warda_70 (AZ1), Warrior24_4 (A15), Watermelon_2 (A1), Watson_1 (A3), WeiHuaDA_5 (A2), Werner_2 (BD1), Whabigail7_5 (A2), Wheeler_2 (A1), Whitspit_2 (A1), WideWale_5 (A2), Wiks_4 (A6), Wildwest_65 (AZ1), Wilkins_1 (A1), WunderPhul_4 (A6), XianYue_4 (A2), Yang_68 (AZ1), Yasdn1l_2 (BD1), Yecey3_4 (A9), YesChef_69 (AZ1), Yokurt_4 (A6), Zaka_4 (A6), Zeeculate_1 (A1), Zemlya_2 (BD1), Zephyr_1 (A1), Zeta1847_76 (EH), Zeuska_1 (A1), Zulu_4 (A6),

Start 165:

- Found in 54 of 1006 (5.4%) of genes in pham
- Manual Annotations of this start: 47 of 938
- Called 96.3% of time when present
- Phage (with cluster) where this start called: Alsaber_3 (BD3), Alvy_3 (BD2), Amethyst_2 (BD2), Andris_2 (BD2), Animus_3 (BD2), Axiom_3 (BD2), BartholomewSD_3 (BD2), Bowden_2 (BD2), BroPlease_1 (BD4), Caelum_3 (BD2), Celery_4 (BD3), Celia_2 (BD6), Conan_4 (BD3), Diane_2 (BD2), ElGato_4 (BD3), EnochSoames_2 (BD1), GirlDinner_2 (BD2), GreenWeasel_1 (BD4), Haizum_2 (BD2), Hank144_2 (BD2), Issmi_2 (BD2), Itza_2 (BD6), Janus_3 (BD2), Jevington_3 (BD2), Jhitchelle_3 (BD3), Kaine_3 (BD3), Loofah_3 (BD2), Marav_3 (BD2), Nishikigoi_2 (BD2), Omar_2 (BD2), Pablito_2 (BD2), Paedore_3 (BD2), Paolo_3 (BD2), Pavo_3 (BD3), Provolone_4 (BD3), Puginator_3 (BD2), R4_1 (BD2), Saftant_2 (BD3), Speedwell_3 (BD3), SqueakyClean_3 (BD2), Sudan_3 (BD3), Thestral_2 (BD2), TinaBelcher_2 (BD2), Triumph_3 (BD2), TrvxScott_2 (BD2), Urza_2 (BD6), Verabelle_3 (BD3), Verse_2 (BD3), VieEnRose_2 (BD6), Yosif_3 (BD3), Zainub_3 (BD2), phiHau3_1 (BD4),

Start 166:

- Found in 1 of 1006 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: MyraDee_1 (A18),

Start 167:

- Found in 8 of 1006 (0.8%) of genes in pham
- Manual Annotations of this start: 8 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Astro_1 (A8), Dixon_1 (A8), NearlyHeadless_1 (A8), Phillis_1 (A8), Roary_1 (A8), Saintus_1 (A8), Smeadley_1

(A8), Stephig9_1 (A8),

Start 170:

- Found in 7 of 1006 (0.7%) of genes in pham
- Manual Annotations of this start: 2 of 938
- Called 28.6% of time when present
- Phage (with cluster) where this start called: Buttrmlkdreams_71 (CT), Horseradish_71 (CT),

Start 171:

- Found in 3 of 1006 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arianna_54 (EO), Poushou_54 (EO), TouchMeNot_54 (EO),

Start 172:

- Found in 40 of 1006 (4.0%) of genes in pham
- Manual Annotations of this start: 22 of 938
- Called 57.5% of time when present
- Phage (with cluster) where this start called: Agatha_71 (CT), Amok_68 (CT), Axym_69 (CT), Azira_67 (CT), Burnsey_70 (CT), Button_71 (CT), Dre3_68 (CT), Emalyn_67 (CT), Fribs8_67 (CT), HippoPololi_68 (CT), Jamzy_76 (CT), Margaret_75 (CT), MunkgeeRoachy_69 (CT), Nibbles_67 (CT), Nodigi_74 (CT), Orla_75 (CT), RanchParmCat_74 (CT), Survivors_69 (CT), SweatNTears_71 (CT), Troje_71 (CT), Wolfwood_69 (CT), Yakult_74 (CT), Zareef_67 (CT),

Start 173:

- Found in 9 of 1006 (0.9%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 11.1% of time when present
- Phage (with cluster) where this start called: Airmid_1 (A5),

Start 174:

- Found in 1 of 1006 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Juicebox_59 (singleton),

Start 175:

- Found in 29 of 1006 (2.9%) of genes in pham
- Manual Annotations of this start: 27 of 938
- 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), Gaia_169 (X), Geeche_13 (CQ1), JonJames_13 (DD), Lozinak_14 (CQ1), Miskis_12 (CQ1), Mollymur_10 (DL), Nebkiss_165 (X), Norvs_14 (CQ1), OneUp_9 (CQ2), PhinkBoden_15 (CQ1), Smoothie_14 (CQ1), SpeedDemon_90 (DL), Toniann_14 (CQ1), Towmatter_9 (DL), WilliamBoone_12 (CQ1), Yvonnetastic_14 (DD),

Start 176:

- Found in 3 of 1006 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 938
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Farewell_96 (AF), NoShow_74 (AB), Sparky_95 (AF),

Start 178:

- Found in 5 of 1006 (0.5%) of genes in pham
- Manual Annotations of this start: 3 of 938
- Called 80.0% of time when present
- Phage (with cluster) where this start called: Abrogate_20 (A1), DreamCatcher_2 (A1), Ruotula_2 (A1), Sanya_1 (A1),

Start 179:

- Found in 22 of 1006 (2.2%) of genes in pham
- Manual Annotations of this start: 22 of 938
- 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 180:

- Found in 4 of 1006 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 75.0% of time when present
- Phage (with cluster) where this start called: 8UZL_67 (AB), FF47_64 (AB), Maco6_63 (AB),

Start 182:

- Found in 29 of 1006 (2.9%) of genes in pham
- Manual Annotations of this start: 5 of 938
- Called 20.7% of time when present
- Phage (with cluster) where this start called: Bachome_4 (A11), Ebony_4 (A11), Kimba_4 (A11), MalagasyRose_85 (AG), Nergal_81 (AG), Orange_4 (A11),

Start 183:

- Found in 6 of 1006 (0.6%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 16.7% of time when present
- Phage (with cluster) where this start called: Mendokysei_63 (T),

Start 186:

- Found in 4 of 1006 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Muddy_67 (AB),

Start 187:

- Found in 5 of 1006 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 938

- Called 20.0% of time when present
- Phage (with cluster) where this start called: Yummy_71 (CT),

Start 188:

- Found in 7 of 1006 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 42.9% of time when present
- Phage (with cluster) where this start called: Balloona_71 (CT), CocoaPuff_70 (CT), Lauer_66 (CT),

Start 189:

- Found in 26 of 1006 (2.6%) of genes in pham
- Manual Annotations of this start: 14 of 938
- Called 53.8% 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), Mystery_62 (AZ5), RockScotty_62 (AZ5), Sooty_63 (AZ5), Stuu_63 (AZ5),

Start 190:

- Found in 5 of 1006 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 20.0% of time when present
- Phage (with cluster) where this start called: JacoRen57_63 (AB),

Start 192:

- Found in 190 of 1006 (18.9%) of genes in pham
- Manual Annotations of this start: 1 of 938
- Called 0.5% of time when present
- Phage (with cluster) where this start called: SpecialK_63 (AZ5),

Summary by clusters:

There are 61 clusters represented in this pham: DN, CZ8, BA, DD, CZ1, singleton, FA, DN3, A7, CY1, DL, CY6, A15, A14, A17, A16, A11, A10, A12, AF, A19, A18, A1, BD4, A3, A2, BD1, A4, BD3, BD2, A9, A5, CQ1, FO, CY3, CY2, EO, AB, CY7, EH, AG, CY4, A6, CZ, T, CQ2, X, AZ, CT, A20, A22, DN4, F4, A8, BD6, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6,

Info for manual annotations of cluster A1:

- Start number 130 was manually annotated 1 time for cluster A1.
- Start number 140 was manually annotated 2 times for cluster A1.
- Start number 141 was manually annotated 1 time for cluster A1.
- Start number 162 was manually annotated 1 time for cluster A1.
- Start number 164 was manually annotated 203 times for cluster A1.
- Start number 178 was manually annotated 3 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 145 was manually annotated 15 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 164 was manually annotated 19 times for cluster A11.
- Start number 182 was manually annotated 3 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 162 was manually annotated 3 times for cluster A12.
- Start number 164 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 164 was manually annotated 4 times for cluster A14.

Info for manual annotations of cluster A15:

- Start number 164 was manually annotated 23 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 161 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 166 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 164 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 164 was manually annotated 103 times for cluster A2.

Info for manual annotations of cluster A20:

- Start number 164 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:

- Start number 164 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

- Start number 141 was manually annotated 33 times for cluster A3.
- Start number 144 was manually annotated 3 times for cluster A3.
- Start number 164 was manually annotated 65 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 95 was manually annotated 2 times for cluster A4.
- Start number 96 was manually annotated 1 time for cluster A4.
- Start number 159 was manually annotated 2 times for cluster A4.

Info for manual annotations of cluster A5:

- Start number 162 was manually annotated 25 times for cluster A5.
- Start number 173 was manually annotated 1 time for cluster A5.

Info for manual annotations of cluster A6:

- Start number 164 was manually annotated 46 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 153 was manually annotated 1 time for cluster A7.
- Start number 164 was manually annotated 3 times for cluster A7.

Info for manual annotations of cluster A8:

- Start number 167 was manually annotated 8 times for cluster A8.

Info for manual annotations of cluster A9:

- Start number 135 was manually annotated 3 times for cluster A9.
- Start number 161 was manually annotated 30 times for cluster A9.
- Start number 164 was manually annotated 1 time for cluster A9.

Info for manual annotations of cluster AB:

- Start number 176 was manually annotated 1 time for cluster AB.
- Start number 180 was manually annotated 1 time for cluster AB.
- Start number 186 was manually annotated 1 time for cluster AB.
- Start number 190 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 182 was manually annotated 2 times for cluster AG.

Info for manual annotations of cluster AZ1:

- Start number 164 was manually annotated 44 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 164 was manually annotated 3 times for cluster AZ2.

Info for manual annotations of cluster AZ3:

- Start number 164 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:

- Start number 164 was manually annotated 5 times for cluster AZ4.

Info for manual annotations of cluster AZ5:

- Start number 189 was manually annotated 14 times for cluster AZ5.
- Start number 192 was manually annotated 1 time for cluster AZ5.

Info for manual annotations of cluster AZ6:

- Start number 164 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BD1:

- Start number 69 was manually annotated 1 time for cluster BD1.
- Start number 141 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 112 was manually annotated 1 time for cluster BD2.
- Start number 156 was manually annotated 1 time for cluster BD2.
- Start number 165 was manually annotated 30 times for cluster BD2.

Info for manual annotations of cluster BD3:

- Start number 165 was manually annotated 10 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 175 was manually annotated 15 times for cluster CQ1.

Info for manual annotations of cluster CQ2:

- Start number 175 was manually annotated 2 times for cluster CQ2.

Info for manual annotations of cluster CT:

- Start number 114 was manually annotated 1 time for cluster CT.
- Start number 151 was manually annotated 1 time for cluster CT.
- Start number 155 was manually annotated 9 times for cluster CT.
- Start number 158 was manually annotated 2 times for cluster CT.
- Start number 170 was manually annotated 2 times for cluster CT.
- Start number 172 was manually annotated 22 times for cluster CT.
- Start number 187 was manually annotated 1 time for cluster CT.
- Start number 188 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 CZ:

- Start number 131 was manually annotated 1 time for cluster CZ.

Info for manual annotations of cluster CZ1:

- Start number 131 was manually annotated 25 times for cluster CZ1.

Info for manual annotations of cluster CZ8:

- Start number 131 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DD:

- Start number 175 was manually annotated 2 times for cluster DD.

Info for manual annotations of cluster DL:

- Start number 175 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 164 was manually annotated 12 times for cluster EH.

Info for manual annotations of cluster EO:

- Start number 171 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 FA:

- Start number 129 was manually annotated 1 time for cluster FA.

Info for manual annotations of cluster FO:

- Start number 129 was manually annotated 2 times for cluster FO.

Info for manual annotations of cluster T:

- Start number 85 was manually annotated 6 times for cluster T.
- Start number 183 was manually annotated 1 time for cluster T.

Info for manual annotations of cluster X:

- Start number 175 was manually annotated 2 times for cluster X.

Gene Information:

Gene: 20ES_4 Start: 2483, Stop: 2779, Start Num: 164

Candidate Starts for 20ES_4:

(Start: 164 @2483 has 593 MA's),

Gene: 40AC_5 Start: 2296, Stop: 2592, Start Num: 164

Candidate Starts for 40AC_5:

(Start: 164 @2296 has 593 MA's), (217, 2413),

Gene: 8UZL_67 Start: 46153, Stop: 46452, Start Num: 180

Candidate Starts for 8UZL_67:

(126, 46051), (Start: 180 @46153 has 1 MA's), (Start: 186 @46180 has 1 MA's), (206, 46231), (224, 46288), (239, 46384),

Gene: AEgle_67 Start: 42706, Stop: 43008, Start Num: 164

Candidate Starts for AEgle_67:

(Start: 164 @42706 has 593 MA's), (185, 42757), (Start: 192 @42772 has 1 MA's), (215, 42823), (232, 42898), (248, 42997),

Gene: AFIS_1 Start: 572, Stop: 895, Start Num: 140

Candidate Starts for AFIS_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (Start: 182 @632 has 5 MA's), (218, 722), (237, 812), (243, 848),

Gene: AN3_4 Start: 2464, Stop: 2760, Start Num: 164

Candidate Starts for AN3_4:

(Start: 164 @2464 has 593 MA's), (218, 2587),

Gene: AN9_4 Start: 2344, Stop: 2640, Start Num: 164

Candidate Starts for AN9_4:

(Start: 164 @2344 has 593 MA's),

Gene: ANI8_4 Start: 2344, Stop: 2640, Start Num: 164

Candidate Starts for ANI8_4:

(Start: 164 @2344 has 593 MA's),

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

Candidate Starts for Aaronocolus_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: AbbyPaige_5 Start: 2538, Stop: 2834, Start Num: 164

Candidate Starts for AbbyPaige_5:

(Start: 164 @2538 has 593 MA's), (218, 2661),

Gene: Abbyshoes_2 Start: 758, Stop: 1054, Start Num: 164

Candidate Starts for Abbyshoes_2:

(Start: 164 @758 has 593 MA's), (218, 881), (231, 935), (237, 971), (243, 1007),

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

Candidate Starts for Abrogate_20:

(20, 899), (37, 1016), (86, 1172), (90, 1181), (91, 1184), (Start: 178 @1334 has 3 MA's), (184, 1361), (237, 1541), (243, 1577),

Gene: Abscondus_13 Start: 3104, Stop: 3412, Start Num: 175

Candidate Starts for Abscondus_13:

(148, 3074), (Start: 175 @3104 has 27 MA's), (242, 3368),

Gene: Acme_2 Start: 781, Stop: 1089, Start Num: 164

Candidate Starts for Acme_2:

(Start: 164 @781 has 593 MA's), (218, 904), (237, 994), (243, 1030),

Gene: Acolyte_4 Start: 2122, Stop: 2418, Start Num: 164

Candidate Starts for Acolyte_4:

(Start: 164 @2122 has 593 MA's),

Gene: Adahisdi_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Adahisdi_1:

(122, 537), (Start: 140 @573 has 2 MA's), (146, 582), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: Adolin_71 Start: 42654, Stop: 42956, Start Num: 164

Candidate Starts for Adolin_71:

(Start: 164 @42654 has 593 MA's), (215, 42771), (232, 42846), (248, 42945),

Gene: Adumb2043_68 Start: 42731, Stop: 43033, Start Num: 164

Candidate Starts for Adumb2043_68:

(Start: 164 @42731 has 593 MA's), (185, 42782), (Start: 192 @42797 has 1 MA's), (215, 42848), (232, 42923), (248, 43022),

Gene: Adzzy_4 Start: 2160, Stop: 2456, Start Num: 164

Candidate Starts for Adzzy_4:

(Start: 164 @2160 has 593 MA's), (228, 2328), (234, 2355),

Gene: Aeneas_1 Start: 595, Stop: 891, Start Num: 164

Candidate Starts for Aeneas_1:

(122, 532), (Start: 140 @568 has 2 MA's), (146, 577), (Start: 162 @592 has 29 MA's), (Start: 164 @595 has 593 MA's), (218, 718), (237, 808), (243, 844),

Gene: Agape74_5 Start: 2538, Stop: 2834, Start Num: 164

Candidate Starts for Agape74_5:

(Start: 164 @2538 has 593 MA's), (218, 2661),

Gene: Agatha_71 Start: 46233, Stop: 46523, Start Num: 172

Candidate Starts for Agatha_71:

(Start: 158 @46212 has 2 MA's), (Start: 172 @46233 has 22 MA's), (205, 46332),

Gene: AgentM_1 Start: 504, Stop: 803, Start Num: 162

Candidate Starts for AgentM_1:

(61, 372), (Start: 162 @504 has 29 MA's), (211, 612), (229, 684), (241, 753), (249, 798),

Gene: Aglet_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Aglet_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: AgronaGT15_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for AgronaGT15_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Agueybana_85 Start: 52421, Stop: 52756, Start Num: 131

Candidate Starts for Agueybana_85:

(28, 52148), (Start: 131 @52421 has 27 MA's),

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

Candidate Starts for Airmid_1:

(Start: 162 @502 has 29 MA's), (Start: 173 @517 has 1 MA's), (211, 610), (241, 751), (249, 796),

Gene: Ajay_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Ajay_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 162 @593 has 29 MA's), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: Aldrich_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Aldrich_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Aliter_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Aliter_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Alma_4 Start: 2333, Stop: 2626, Start Num: 161

Candidate Starts for Alma_4:

(Start: 135 @2306 has 3 MA's), (Start: 161 @2333 has 33 MA's), (211, 2435), (218, 2453),

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

Candidate Starts for Alsaber_3:

(157, 964), (Start: 165 @970 has 47 MA's), (Start: 192 @1039 has 1 MA's), (220, 1114), (228, 1147),

Gene: Alsfro_2 Start: 778, Stop: 1083, Start Num: 164

Candidate Starts for Alsfro_2:

(152, 763), (Start: 164 @778 has 593 MA's), (218, 901), (231, 955), (237, 991), (243, 1027),

Gene: Altman_3 Start: 1297, Stop: 1593, Start Num: 164

Candidate Starts for Altman_3:

(Start: 130 @1249 has 1 MA's), (Start: 164 @1297 has 593 MA's), (218, 1420), (237, 1510), (243, 1546),

Gene: AlumE_82 Start: 52312, Stop: 52647, Start Num: 131

Candidate Starts for AlumE_82:

(28, 52039), (Start: 131 @52312 has 27 MA's),

Gene: Alvin_3 Start: 1213, Stop: 1509, Start Num: 164

Candidate Starts for Alvin_3:

(Start: 164 @1213 has 593 MA's), (218, 1336), (231, 1390), (237, 1426), (243, 1462),

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

Candidate Starts for Alvy_3:

(Start: 165 @740 has 47 MA's), (220, 884),

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 47 MA's), (208, 755), (220, 794), (228, 827),

Gene: Amok_68 Start: 44983, Stop: 45258, Start Num: 172

Candidate Starts for Amok_68:

(Start: 170 @44980 has 2 MA's), (Start: 172 @44983 has 22 MA's), (220, 45088),

Gene: Amploria_69 Start: 42910, Stop: 43212, Start Num: 164

Candidate Starts for Amploria_69:

(Start: 164 @42910 has 593 MA's), (185, 42961), (Start: 192 @42976 has 1 MA's), (215, 43027), (232, 43102), (248, 43201),

Gene: Amyev_68 Start: 43916, Stop: 44218, Start Num: 164

Candidate Starts for Amyev_68:

(Start: 164 @43916 has 593 MA's), (Start: 192 @43982 has 1 MA's), (215, 44033), (229, 44099), (248, 44207),

Gene: Anaysia_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Anaysia_4:
(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: AndPeggy_63 Start: 44218, Stop: 44589, Start Num: 114
Candidate Starts for AndPeggy_63:
(Start: 114 @44218 has 1 MA's), (121, 44233), (132, 44254), (Start: 156 @44293 has 1 MA's), (163, 44302), (Start: 172 @44314 has 22 MA's), (220, 44419),

Gene: Andris_2 Start: 682, Stop: 996, Start Num: 165
Candidate Starts for Andris_2:
(Start: 165 @682 has 47 MA's), (220, 826), (228, 859),

Gene: Aneem_4 Start: 2356, Stop: 2652, Start Num: 164
Candidate Starts for Aneem_4:
(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Angelique_76 Start: 50625, Stop: 50915, Start Num: 179
Candidate Starts for Angelique_76:
(9, 50097), (14, 50157), (16, 50160), (23, 50208), (34, 50289), (39, 50322), (52, 50376), (57, 50388), (118, 50526), (Start: 179 @50625 has 22 MA's),

Gene: Anglerfish_2 Start: 747, Stop: 1043, Start Num: 164
Candidate Starts for Anglerfish_2:
(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: Animus_3 Start: 1027, Stop: 1341, Start Num: 165
Candidate Starts for Animus_3:
(Start: 165 @1027 has 47 MA's), (Start: 192 @1096 has 1 MA's), (220, 1171),

Gene: AnnaL29_4 Start: 2278, Stop: 2574, Start Num: 164
Candidate Starts for AnnaL29_4:
(Start: 164 @2278 has 593 MA's), (218, 2401),

Gene: Anon_4 Start: 2182, Stop: 2478, Start Num: 164
Candidate Starts for Anon_4:
(Start: 164 @2182 has 593 MA's), (220, 2317),

Gene: Anselm_5 Start: 2674, Stop: 2970, Start Num: 164
Candidate Starts for Anselm_5:
(Start: 164 @2674 has 593 MA's), (218, 2797),

Gene: Anthony_1 Start: 406, Stop: 699, Start Num: 164
Candidate Starts for Anthony_1:
(Start: 164 @406 has 593 MA's),

Gene: Antonio_78 Start: 49950, Stop: 50285, Start Num: 131
Candidate Starts for Antonio_78:
(28, 49677), (Start: 131 @49950 has 27 MA's),

Gene: Anubis_3 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for Anubis_3:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Aphelion_14 Start: 3268, Stop: 3576, Start Num: 175
Candidate Starts for Aphelion_14:
(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

Gene: Applejack_1 Start: 597, Stop: 893, Start Num: 164
Candidate Starts for Applejack_1:
(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720),
(237, 810), (243, 846),

Gene: Apricot_101 Start: 51816, Stop: 52109, Start Num: 179
Candidate Starts for Apricot_101:
(Start: 95 @51666 has 2 MA's), (Start: 179 @51816 has 22 MA's),

Gene: Aragog_1 Start: 534, Stop: 833, Start Num: 162
Candidate Starts for Aragog_1:
(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: Arcanine_2 Start: 750, Stop: 1046, Start Num: 164
Candidate Starts for Arcanine_2:
(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: ArcherNM_4 Start: 2293, Stop: 2589, Start Num: 164
Candidate Starts for ArcherNM_4:
(Start: 164 @2293 has 593 MA's),

Gene: Archetta_1 Start: 534, Stop: 833, Start Num: 162
Candidate Starts for Archetta_1:
(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: Arianna_54 Start: 40153, Stop: 40458, Start Num: 171
Candidate Starts for Arianna_54:
(Start: 171 @40153 has 3 MA's), (198, 40228), (205, 40249), (228, 40330),

Gene: Arissanae_4 Start: 2121, Stop: 2414, Start Num: 161
Candidate Starts for Arissanae_4:
(Start: 161 @2121 has 33 MA's), (211, 2223), (218, 2241),

Gene: Arlo_2 Start: 747, Stop: 1043, Start Num: 164
Candidate Starts for Arlo_2:
(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: Artemis2UCLA_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Artemis2UCLA_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Asa16_69 Start: 43233, Stop: 43535, Start Num: 164
Candidate Starts for Asa16_69:
(Start: 164 @43233 has 593 MA's), (185, 43284), (Start: 192 @43299 has 1 MA's), (215, 43350), (232, 43425), (248, 43524),

Gene: Ascela_71 Start: 43822, Stop: 44124, Start Num: 164
Candidate Starts for Ascela_71:

(Start: 164 @43822 has 593 MA's), (Start: 192 @43888 has 1 MA's), (215, 43939), (232, 44014), (248, 44113),

Gene: Ashballe_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Ashballe_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Ashes_63 Start: 39865, Stop: 40107, Start Num: 189

Candidate Starts for Ashes_63:

(Start: 164 @39805 has 593 MA's), (Start: 189 @39865 has 14 MA's), (Start: 192 @39871 has 1 MA's),

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

Candidate Starts for Asten_2:

(Start: 69 @588 has 1 MA's), (82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (222, 882),

Gene: Astro_1 Start: 505, Stop: 798, Start Num: 167

Candidate Starts for Astro_1:

(Start: 167 @505 has 8 MA's), (202, 592), (229, 679), (243, 757), (249, 793),

Gene: Atkinbua_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Atkinbua_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Attoomi_53 Start: 41445, Stop: 41750, Start Num: 164

Candidate Starts for Attoomi_53:

(Start: 164 @41445 has 593 MA's), (202, 41532), (204, 41538), (218, 41577), (220, 41589),

Gene: AugsMagnumOpus_3 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for AugsMagnumOpus_3:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

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

Candidate Starts for Axiom_3:

(Start: 165 @679 has 47 MA's), (220, 823),

Gene: Axym_69 Start: 46163, Stop: 46453, Start Num: 172

Candidate Starts for Axym_69:

(Start: 158 @46142 has 2 MA's), (Start: 172 @46163 has 22 MA's), (205, 46262),

Gene: Ayanochan_5 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Ayanochan_5:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Azira_67 Start: 45015, Stop: 45332, Start Num: 172

Candidate Starts for Azira_67:

(Start: 172 @45015 has 22 MA's), (222, 45153), (236, 45222),

Gene: BABullseye_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for BABullseye_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: BPBiebs31_2 Start: 832, Stop: 1128, Start Num: 164

Candidate Starts for BPBiebs31_2:

(Start: 130 @784 has 1 MA's), (Start: 164 @832 has 593 MA's), (218, 955), (237, 1045), (243, 1081),

Gene: BabyBack_4 Start: 2096, Stop: 2392, Start Num: 164

Candidate Starts for BabyBack_4:

(Start: 164 @2096 has 593 MA's),

Gene: BabyRay_1 Start: 458, Stop: 754, Start Num: 164

Candidate Starts for BabyRay_1:

(Start: 140 @449 has 2 MA's), (Start: 164 @458 has 593 MA's), (220, 593),

Gene: Bachita_15 Start: 3780, Stop: 4088, Start Num: 175

Candidate Starts for Bachita_15:

(148, 3750), (Start: 175 @3780 has 27 MA's), (242, 4044),

Gene: Bachome_4 Start: 2386, Stop: 2649, Start Num: 182

Candidate Starts for Bachome_4:

(Start: 164 @2353 has 593 MA's), (Start: 182 @2386 has 5 MA's), (202, 2443), (249, 2644),

Gene: BaconJack_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for BaconJack_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Bactobuster_4 Start: 2106, Stop: 2402, Start Num: 164

Candidate Starts for Bactobuster_4:

(Start: 164 @2106 has 593 MA's), (205, 2205), (234, 2301),

Gene: Baehexic_5 Start: 2625, Stop: 2921, Start Num: 164

Candidate Starts for Baehexic_5:

(63, 2424), (Start: 164 @2625 has 593 MA's),

Gene: Balloona_71 Start: 47653, Stop: 47916, Start Num: 188

Candidate Starts for Balloona_71:

(146, 47563), (Start: 155 @47575 has 9 MA's), (Start: 172 @47599 has 22 MA's), (Start: 188 @47653 has 1 MA's), (201, 47686), (236, 47812),

Gene: Bantam_8 Start: 4561, Stop: 4869, Start Num: 175

Candidate Starts for Bantam_8:

(169, 4546), (Start: 175 @4561 has 27 MA's), (197, 4633), (221, 4699),

Gene: Barnstormer_77 Start: 46434, Stop: 46733, Start Num: 164

Candidate Starts for Barnstormer_77:

(128, 46389), (Start: 164 @46434 has 593 MA's), (212, 46542), (215, 46551),

Gene: Barriga_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Barriga_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: BarrowTuph_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for BarrowTuph_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 162 @595 has 29 MA's), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

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

Candidate Starts for BarryBee_3:

(Start: 69 @588 has 1 MA's), (82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (222, 882),

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

Candidate Starts for BartholomewSD_3:

(Start: 165 @740 has 47 MA's), (220, 884),

Gene: BatStarr_83 Start: 53046, Stop: 53381, Start Num: 131

Candidate Starts for BatStarr_83:

(28, 52773), (Start: 131 @53046 has 27 MA's), (216, 53232),

Gene: Battleship_5 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for Battleship_5:

(Start: 164 @2425 has 593 MA's), (202, 2515),

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 593 MA's), (222, 895),

Gene: Beatrix_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Beatrix_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 162 @596 has 29 MA's), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Beaupre_62 Start: 39675, Stop: 39917, Start Num: 189

Candidate Starts for Beaupre_62:

(Start: 164 @39615 has 593 MA's), (Start: 189 @39675 has 14 MA's), (Start: 192 @39681 has 1 MA's),

Gene: Beauxregard13_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Beauxregard13_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Beemo_4 Start: 2336, Stop: 2629, Start Num: 161

Candidate Starts for Beemo_4:

(Start: 135 @2309 has 3 MA's), (Start: 161 @2336 has 33 MA's), (211, 2438), (218, 2456),

Gene: BeesKnees_2 Start: 751, Stop: 1047, Start Num: 164

Candidate Starts for BeesKnees_2:

(Start: 164 @751 has 593 MA's), (218, 874), (231, 928), (237, 964), (243, 1000),

Gene: Benedict_1 Start: 503, Stop: 802, Start Num: 162

Candidate Starts for Benedict_1:

(Start: 162 @503 has 29 MA's), (Start: 173 @518 has 1 MA's), (211, 611), (241, 752), (249, 797),

Gene: BengiVuitton_4 Start: 2325, Stop: 2621, Start Num: 164

Candidate Starts for BengiVuitton_4:

(Start: 164 @2325 has 593 MA's), (218, 2448),

Gene: Benvolio_5 Start: 2672, Stop: 2968, Start Num: 164

Candidate Starts for Benvolio_5:

(Start: 164 @2672 has 593 MA's), (218, 2795),

Gene: Bernal13_59 Start: 40895, Stop: 41194, Start Num: 85

Candidate Starts for Bernal13_59:

(Start: 85 @40895 has 6 MA's), (222, 41018),

Gene: Berrie_69 Start: 43434, Stop: 43736, Start Num: 164

Candidate Starts for Berrie_69:

(Start: 164 @43434 has 593 MA's), (Start: 192 @43500 has 1 MA's), (215, 43551), (232, 43626), (248, 43725),

Gene: Bethlehem_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Bethlehem_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Bexan_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Bexan_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 162 @596 has 29 MA's), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Bialota_79 Start: 51706, Stop: 52038, Start Num: 131

Candidate Starts for Bialota_79:

(28, 51433), (Start: 131 @51706 has 27 MA's),

Gene: BiancaTri92_4 Start: 2316, Stop: 2612, Start Num: 164

Candidate Starts for BiancaTri92_4:

(Start: 164 @2316 has 593 MA's), (217, 2433),

Gene: Big3_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Big3_1:

(Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: BigMau_3 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for BigMau_3:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: BigPaolini_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for BigPaolini_1:

(Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: Bigchungi_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Bigchungi_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Bigfoot_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Bigfoot_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: BillKnuckles_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for BillKnuckles_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Bircsak_2 Start: 835, Stop: 1131, Start Num: 164

Candidate Starts for Bircsak_2:

(Start: 130 @787 has 1 MA's), (Start: 164 @835 has 593 MA's), (218, 958), (237, 1048), (243, 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: BlessJoy_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for BlessJoy_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Blesser_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Blesser_1:

(Start: 140 @570 has 2 MA's), (146, 579), (Start: 162 @594 has 29 MA's), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Blinn1_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Blinn1_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: BluSpix_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for BluSpix_1:

(Start: 140 @570 has 2 MA's), (146, 579), (Start: 159 @594 has 2 MA's), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Blue_3 Start: 1232, Stop: 1528, Start Num: 164

Candidate Starts for Blue_3:

(152, 1217), (Start: 164 @1232 has 593 MA's), (218, 1355), (237, 1445), (243, 1481),

Gene: Blue7_4 Start: 2132, Stop: 2428, Start Num: 164

Candidate Starts for Blue7_4:

(Start: 164 @2132 has 593 MA's), (220, 2267),

Gene: BlueBird_1 Start: 420, Stop: 716, Start Num: 164

Candidate Starts for BlueBird_1:

(Start: 164 @420 has 593 MA's), (220, 555),

Gene: Bob3_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Bob3_2:

(Start: 164 @748 has 593 MA's), (237, 961), (243, 997),

Gene: BobSwaget_5 Start: 2538, Stop: 2834, Start Num: 164

Candidate Starts for BobSwaget_5:

(Start: 164 @2538 has 593 MA's),

Gene: BogosyJay_4 Start: 2102, Stop: 2395, Start Num: 161

Candidate Starts for BogosyJay_4:

(Start: 161 @2102 has 33 MA's), (211, 2204), (218, 2222),

Gene: Bones_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Bones_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Boohoo_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Boohoo_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Bosnia_82 Start: 54160, Stop: 54495, Start Num: 131

Candidate Starts for Bosnia_82:

(28, 53887), (Start: 131 @54160 has 27 MA's), (216, 54346),

Gene: Bovely_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Bovely_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Bowden_2 Start: 639, Stop: 953, Start Num: 165

Candidate Starts for Bowden_2:

(Start: 165 @639 has 47 MA's), (220, 783),

Gene: Bowtie_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Bowtie_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: BoyNamedSue_82 Start: 52312, Stop: 52647, Start Num: 131

Candidate Starts for BoyNamedSue_82:

(28, 52039), (Start: 131 @52312 has 27 MA's),

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: 141

Candidate Starts for BreSam8_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: BritBrat_98 Start: 55168, Stop: 55455, Start Num: 179

Candidate Starts for BritBrat_98:

(106, 55045), (Start: 141 @55111 has 35 MA's), (Start: 144 @55117 has 3 MA's), (Start: 179 @55168 has 22 MA's),

Gene: Briton15_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Briton15_2:

(Start: 164 @748 has 593 MA's), (218, 871), (231, 925), (237, 961), (243, 997),

Gene: BroPlease_1 Start: 591, Stop: 905, Start Num: 165

Candidate Starts for BroPlease_1:

(Start: 165 @591 has 47 MA's), (214, 708), (220, 735), (240, 837), (252, 900),

Gene: Bruns_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Bruns_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (231, 773), (237, 809), (243, 845),

Gene: BrutonGaster_7 Start: 1661, Stop: 1969, Start Num: 175

Candidate Starts for BrutonGaster_7:

(103, 1544), (137, 1613), (Start: 175 @1661 has 27 MA's), (228, 1835), (235, 1871), (242, 1925), (248, 1961),

Gene: BryanRecycles_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for BryanRecycles_2:

(107, 668), (Start: 164 @746 has 593 MA's), (222, 902),

Gene: Bubble_70 Start: 46197, Stop: 46508, Start Num: 158

Candidate Starts for Bubble_70:

(Start: 158 @46197 has 2 MA's), (Start: 172 @46218 has 22 MA's), (205, 46317),

Gene: Bud_4 Start: 2362, Stop: 2658, Start Num: 164

Candidate Starts for Bud_4:

(Start: 164 @2362 has 593 MA's), (Start: 182 @2395 has 5 MA's), (202, 2452), (249, 2653),

Gene: Bugsy_5 Start: 2549, Stop: 2845, Start Num: 164

Candidate Starts for Bugsy_5:

(Start: 164 @2549 has 593 MA's), (218, 2672),

Gene: Bunnybear_78 Start: 50882, Stop: 51217, Start Num: 131

Candidate Starts for Bunnybear_78:

(28, 50609), (Start: 131 @50882 has 27 MA's),

Gene: Burnsey_70 Start: 45875, Stop: 46165, Start Num: 172

Candidate Starts for Burnsey_70:

(Start: 158 @45854 has 2 MA's), (Start: 172 @45875 has 22 MA's), (205, 45974),

Gene: Burton_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Burton_2:

(Start: 164 @750 has 593 MA's), (237, 963), (243, 999),

Gene: Button_71 Start: 45762, Stop: 46070, Start Num: 172

Candidate Starts for Button_71:

(124, 45687), (Start: 151 @45732 has 1 MA's), (168, 45753), (Start: 172 @45762 has 22 MA's), (184, 45807), (199, 45846), (214, 45876), (222, 45909), (232, 45960),

Gene: Buttons_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Buttons_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Buttrmlkdreams_71 Start: 45701, Stop: 45979, Start Num: 170

Candidate Starts for Buttrmlkdreams_71:

(Start: 170 @45701 has 2 MA's), (Start: 172 @45704 has 22 MA's), (Start: 183 @45746 has 1 MA's),
(Start: 187 @45758 has 1 MA's), (191, 45770), (222, 45821), (227, 45848), (228, 45851),

Gene: Bxb1_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Bxb1_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722),
(237, 812), (243, 848),

Gene: Bxz2_1 Start: 537, Stop: 830, Start Num: 164

Candidate Starts for Bxz2_1:

(Start: 141 @528 has 35 MA's), (Start: 164 @537 has 593 MA's), (Start: 192 @603 has 1 MA's),

Gene: C3_04 Start: 2344, Stop: 2640, Start Num: 164

Candidate Starts for C3_04:

(Start: 164 @2344 has 593 MA's),

Gene: CRB1_4 Start: 2473, Stop: 2769, Start Num: 164

Candidate Starts for CRB1_4:

(Start: 164 @2473 has 593 MA's), (218, 2596),

Gene: CactusRose_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for CactusRose_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721),
(237, 811), (243, 847),

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

Candidate Starts for Caelum_3:

(149, 651), (Start: 156 @660 has 1 MA's), (Start: 165 @669 has 47 MA's), (220, 813), (228, 846),

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

Candidate Starts for Caliburn_2:

(Start: 164 @739 has 593 MA's), (222, 895),

Gene: Cappuccino_63 Start: 39745, Stop: 39987, Start Num: 189

Candidate Starts for Cappuccino_63:

(Start: 164 @39685 has 593 MA's), (Start: 189 @39745 has 14 MA's), (Start: 192 @39751 has 1 MA's),

Gene: Cardigan_14 Start: 3818, Stop: 4126, Start Num: 175

Candidate Starts for Cardigan_14:

(Start: 175 @3818 has 27 MA's), (228, 3992), (232, 4010), (236, 4031),

Gene: Carlyle_2 Start: 778, Stop: 1074, Start Num: 164

Candidate Starts for Carlyle_2:

(152, 763), (Start: 164 @778 has 593 MA's), (218, 901), (231, 955), (237, 991), (243, 1027),

Gene: Caron_82 Start: 47300, Stop: 47599, Start Num: 164

Candidate Starts for Caron_82:

(6, 46730), (8, 46799), (11, 46829), (25, 46961), (31, 46979), (58, 47102), (142, 47273), (Start: 164 @47300 has 593 MA's), (212, 47408), (215, 47417),

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

Candidate Starts for Cashline_76:

(49, 51776), (106, 51905), (Start: 141 @51971 has 35 MA's), (Start: 144 @51977 has 3 MA's), (150, 51983), (Start: 179 @52028 has 22 MA's), (184, 52058),

Gene: Cassia_68 Start: 43117, Stop: 43419, Start Num: 164

Candidate Starts for Cassia_68:

(Start: 164 @43117 has 593 MA's), (Start: 192 @43183 has 1 MA's), (232, 43309), (248, 43408),

Gene: Catalina_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Catalina_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Caviar_1 Start: 445, Stop: 741, Start Num: 164

Candidate Starts for Caviar_1:

(Start: 164 @445 has 593 MA's), (220, 580),

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

Candidate Starts for Celery_4:

(70, 803), (72, 812), (93, 854), (98, 860), (157, 956), (Start: 165 @962 has 47 MA's), (Start: 192 @1031 has 1 MA's), (220, 1106), (228, 1139),

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

Candidate Starts for Celeste_2:

(66, 581), (Start: 69 @590 has 1 MA's), (Start: 164 @725 has 593 MA's), (193, 797), (206, 827), (218, 854),

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

Candidate Starts for Celia_2:

(Start: 165 @744 has 47 MA's), (220, 888),

Gene: Centaur_5 Start: 2621, Stop: 2917, Start Num: 164

Candidate Starts for Centaur_5:

(63, 2420), (Start: 164 @2621 has 593 MA's),

Gene: Cerulean_1 Start: 461, Stop: 763, Start Num: 159

Candidate Starts for Cerulean_1:

(Start: 159 @461 has 2 MA's), (Start: 192 @536 has 1 MA's), (243, 722),

Gene: Chadwick_1 Start: 501, Stop: 800, Start Num: 162

Candidate Starts for Chadwick_1:

(Start: 162 @501 has 29 MA's), (Start: 173 @516 has 1 MA's), (211, 609), (241, 750), (249, 795),

Gene: ChampagnePapi_1 Start: 355, Stop: 762, Start Num: 95

Candidate Starts for ChampagnePapi_1:

(Start: 95 @355 has 2 MA's), (Start: 159 @460 has 2 MA's), (Start: 192 @535 has 1 MA's), (243, 721),

Gene: Chanagan_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Chanagan_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: Changeling_4 Start: 2293, Stop: 2589, Start Num: 164

Candidate Starts for Changeling_4:

(Start: 164 @2293 has 593 MA's),

Gene: Chargerpower_5 Start: 2445, Stop: 2744, Start Num: 164

Candidate Starts for Chargerpower_5:

(Start: 164 @2445 has 593 MA's),

Gene: Charm_4 Start: 2108, Stop: 2401, Start Num: 161

Candidate Starts for Charm_4:

(Start: 161 @2108 has 33 MA's), (202, 2195), (211, 2210), (218, 2228),

Gene: Chartreuse_4 Start: 2144, Stop: 2440, Start Num: 164

Candidate Starts for Chartreuse_4:

(Start: 164 @2144 has 593 MA's), (220, 2279),

Gene: Che12_4 Start: 2115, Stop: 2411, Start Num: 164

Candidate Starts for Che12_4:

(Start: 164 @2115 has 593 MA's),

Gene: ChipMunk_5 Start: 2559, Stop: 2855, Start Num: 164

Candidate Starts for ChipMunk_5:

(Start: 164 @2559 has 593 MA's), (218, 2682),

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

Candidate Starts for Chucky_2:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: Chupacabra_1 Start: 460, Stop: 756, Start Num: 145

Candidate Starts for Chupacabra_1:

(Start: 145 @460 has 15 MA's),

Gene: Ciao_1 Start: 598, Stop: 906, Start Num: 164

Candidate Starts for Ciao_1:

(123, 535), (Start: 141 @571 has 35 MA's), (147, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Cindaradix_1 Start: 358, Stop: 765, Start Num: 96

Candidate Starts for Cindaradix_1:

(Start: 96 @358 has 1 MA's), (Start: 192 @538 has 1 MA's), (243, 724),

Gene: CloudWang3_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for CloudWang3_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: ClubL_14 Start: 3280, Stop: 3588, Start Num: 175

Candidate Starts for ClubL_14:

(148, 3250), (Start: 175 @3280 has 27 MA's), (242, 3544),

Gene: CocoaPuff_70 Start: 46933, Stop: 47196, Start Num: 188

Candidate Starts for CocoaPuff_70:

(146, 46843), (Start: 155 @46855 has 9 MA's), (Start: 172 @46879 has 22 MA's), (Start: 188 @46933 has 1 MA's), (201, 46966), (236, 47092),

Gene: Colbster_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Colbster_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Colin_5 Start: 2440, Stop: 2736, Start Num: 164

Candidate Starts for Colin_5:

(Start: 164 @2440 has 593 MA's), (218, 2563),

Gene: Community_70 Start: 43720, Stop: 44022, Start Num: 164

Candidate Starts for Community_70:

(Start: 164 @43720 has 593 MA's), (Start: 192 @43786 has 1 MA's), (215, 43837), (232, 43912), (248, 44011),

Gene: Conan_4 Start: 975, Stop: 1289, Start Num: 165

Candidate Starts for Conan_4:

(70, 822), (86, 855), (88, 861), (93, 867), (157, 969), (Start: 165 @975 has 47 MA's), (Start: 192 @1044 has 1 MA's), (220, 1119), (228, 1152),

Gene: ConceptII_2 Start: 835, Stop: 1131, Start Num: 164

Candidate Starts for ConceptII_2:

(Start: 130 @787 has 1 MA's), (Start: 164 @835 has 593 MA's), (218, 958), (237, 1048), (243, 1084),

Gene: Conquerage_4 Start: 2332, Stop: 2625, Start Num: 161

Candidate Starts for Conquerage_4:

(Start: 135 @2305 has 3 MA's), (Start: 161 @2332 has 33 MA's), (211, 2434), (218, 2452),

Gene: Conspiracy_1 Start: 535, Stop: 834, Start Num: 162

Candidate Starts for Conspiracy_1:

(Start: 162 @535 has 29 MA's), (211, 643), (229, 715), (241, 784), (249, 829),

Gene: Coog_1 Start: 503, Stop: 802, Start Num: 162

Candidate Starts for Coog_1:

(58, 368), (Start: 162 @503 has 29 MA's), (211, 611), (229, 683), (241, 752), (249, 797),

Gene: Cookiedough_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Cookiedough_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Corvo_2 Start: 751, Stop: 1047, Start Num: 164

Candidate Starts for Corvo_2:

(Start: 164 @751 has 593 MA's), (218, 874), (237, 964), (243, 1000),

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

Candidate Starts for Crater_100:

(Start: 95 @52010 has 2 MA's), (Start: 179 @52160 has 22 MA's),

Gene: Crewmate_74 Start: 43978, Stop: 44280, Start Num: 164

Candidate Starts for Crewmate_74:

(Start: 164 @43978 has 593 MA's), (232, 44170), (248, 44269),

Gene: Crispicous1_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Crispicous1_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Crucio_5 Start: 2567, Stop: 2863, Start Num: 164

Candidate Starts for Crucio_5:

(Start: 164 @2567 has 593 MA's), (218, 2690),

Gene: Cuco_1 Start: 533, Stop: 832, Start Num: 162

Candidate Starts for Cuco_1:

(61, 371), (Start: 162 @533 has 29 MA's), (211, 641), (229, 713), (241, 782), (249, 827),

Gene: Cucurbita_13 Start: 3280, Stop: 3588, Start Num: 175

Candidate Starts for Cucurbita_13:

(148, 3250), (Start: 175 @3280 has 27 MA's), (242, 3544),

Gene: Cueylyss_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Cueylyss_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Cullens_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Cullens_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Culver_13 Start: 3104, Stop: 3412, Start Num: 175

Candidate Starts for Culver_13:

(148, 3074), (Start: 175 @3104 has 27 MA's), (242, 3368),

Gene: Cyan_70 Start: 43301, Stop: 43603, Start Num: 164

Candidate Starts for Cyan_70:

(Start: 164 @43301 has 593 MA's), (185, 43352), (Start: 192 @43367 has 1 MA's), (215, 43418), (232, 43493), (248, 43592),

Gene: D29_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for D29_4:

(Start: 164 @2345 has 593 MA's),

Gene: D32_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for D32_4:

(Start: 164 @2345 has 593 MA's),

Gene: DBQu4n_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for DBQu4n_4:

(Start: 164 @2345 has 593 MA's),

Gene: DD5_2 Start: 739, Stop: 1035, Start Num: 164

Candidate Starts for DD5_2:

(Start: 164 @739 has 593 MA's), (218, 862), (231, 916), (237, 952), (243, 988),

Gene: DaHudson_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for DaHudson_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: DaVinci_4 Start: 2144, Stop: 2440, Start Num: 164

Candidate Starts for DaVinci_4:

(Start: 164 @2144 has 593 MA's), (220, 2279),

Gene: Daishi_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for Daishi_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Dalmatian_5 Start: 2671, Stop: 2967, Start Num: 164

Candidate Starts for Dalmatian_5:

(Start: 164 @2671 has 593 MA's), (218, 2794),

Gene: Danzina_2 Start: 679, Stop: 1011, Start Num: 141

Candidate Starts for Danzina_2:

(1, 34), (3, 43), (4, 70), (7, 142), (32, 406), (44, 466), (48, 490), (53, 499), (121, 649), (Start: 141 @679 has 35 MA's), (Start: 164 @700 has 593 MA's), (204, 796), (206, 802), (218, 829), (232, 892),

Gene: Daredevil_10 Start: 3047, Stop: 3349, Start Num: 175

Candidate Starts for Daredevil_10:

(Start: 175 @3047 has 27 MA's), (Start: 190 @3104 has 1 MA's), (Start: 192 @3107 has 1 MA's), (228, 3215),

Gene: Darrell_4 Start: 2217, Stop: 2510, Start Num: 161

Candidate Starts for Darrell_4:

(Start: 161 @2217 has 33 MA's), (211, 2319), (218, 2337),

Gene: DarthPhader_4 Start: 2246, Stop: 2542, Start Num: 162

Candidate Starts for DarthPhader_4:

(Start: 162 @2246 has 29 MA's),

Gene: DatBoi_9 Start: 5103, Stop: 5411, Start Num: 175

Candidate Starts for DatBoi_9:

(97, 4968), (116, 5004), (Start: 175 @5103 has 27 MA's), (197, 5175), (248, 5400),

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

Candidate Starts for Dattran_2:

(Start: 69 @588 has 1 MA's), (Start: 164 @723 has 593 MA's), (193, 795), (206, 825), (218, 852), (232, 915),

Gene: Daudau_2 Start: 579, Stop: 968, Start Num: 112

Candidate Starts for Daudau_2:

(Start: 112 @579 has 1 MA's), (Start: 156 @645 has 1 MA's), (Start: 165 @654 has 47 MA's), (220, 798),

Gene: DeerParkTS_4 Start: 2259, Stop: 2555, Start Num: 164

Candidate Starts for DeerParkTS_4:

(Start: 164 @2259 has 593 MA's),

Gene: DekHockey33_4 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for DekHockey33_4:

(Start: 164 @2425 has 593 MA's), (202, 2515),

Gene: Deloris_4 Start: 2325, Stop: 2621, Start Num: 164

Candidate Starts for Deloris_4:

(Start: 164 @2325 has 593 MA's), (218, 2448),

Gene: Dexes_2 Start: 782, Stop: 1078, Start Num: 164

Candidate Starts for Dexes_2:

(Start: 164 @782 has 593 MA's), (218, 905), (237, 995), (243, 1031),

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 47 MA's), (220, 796), (228, 829),

Gene: Dieselweasel_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Dieselweasel_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Dignity_5 Start: 2547, Stop: 2843, Start Num: 164

Candidate Starts for Dignity_5:

(Start: 164 @2547 has 593 MA's), (218, 2670),

Gene: Discoknowium_1 Start: 534, Stop: 833, Start Num: 162

Candidate Starts for Discoknowium_1:

(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: Dixon_1 Start: 505, Stop: 798, Start Num: 167

Candidate Starts for Dixon_1:

(Start: 167 @505 has 8 MA's), (202, 592), (229, 679), (243, 757), (249, 793),

Gene: Donkey_63 Start: 39735, Stop: 39977, Start Num: 189

Candidate Starts for Donkey_63:

(Start: 164 @39675 has 593 MA's), (Start: 189 @39735 has 14 MA's), (Start: 192 @39741 has 1 MA's),

Gene: Doom_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Doom_1:

(Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: Dorothea_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Dorothea_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: DrFeelGood_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for DrFeelGood_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: DrManhattan_72 Start: 42208, Stop: 42510, Start Num: 164

Candidate Starts for DrManhattan_72:

(Start: 164 @42208 has 593 MA's), (215, 42325), (232, 42400), (248, 42499),

Gene: DrSierra_66 Start: 42253, Stop: 42555, Start Num: 164

Candidate Starts for DrSierra_66:

(Start: 164 @42253 has 593 MA's), (Start: 192 @42319 has 1 MA's), (215, 42370), (232, 42445), (248, 42544),

Gene: Drake55_5 Start: 2627, Stop: 2923, Start Num: 164

Candidate Starts for Drake55_5:

(63, 2426), (Start: 164 @2627 has 593 MA's),

Gene: Drake94_1 Start: 472, Stop: 768, Start Num: 145

Candidate Starts for Drake94_1:

(43, 247), (Start: 145 @472 has 15 MA's), (220, 607),

Gene: Dre3_68 Start: 45474, Stop: 45806, Start Num: 172

Candidate Starts for Dre3_68:

(160, 45456), (Start: 172 @45474 has 22 MA's),

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

Candidate Starts for DreamCatcher_2:

(20, 897), (37, 1014), (86, 1170), (90, 1179), (91, 1182), (Start: 178 @1332 has 3 MA's), (184, 1359), (237, 1539), (243, 1575),

Gene: DreamTeam1_4 Start: 2108, Stop: 2401, Start Num: 161

Candidate Starts for DreamTeam1_4:

(Start: 161 @2108 has 33 MA's), (202, 2195), (211, 2210), (218, 2228),

Gene: Dreamboat_2 Start: 863, Stop: 1171, Start Num: 164

Candidate Starts for Dreamboat_2:

(Start: 130 @815 has 1 MA's), (Start: 164 @863 has 593 MA's), (218, 986), (237, 1076), (243, 1112),

Gene: DroogsArmy_1 Start: 408, Stop: 704, Start Num: 164

Candidate Starts for DroogsArmy_1:

(92, 297), (Start: 164 @408 has 593 MA's), (241, 654), (247, 672),

Gene: DudeLittle_5 Start: 2671, Stop: 2967, Start Num: 164

Candidate Starts for DudeLittle_5:

(Start: 164 @2671 has 593 MA's), (218, 2794),

Gene: Dulcie_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Dulcie_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (243, 845),

Gene: Duplo_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for Duplo_4:

(Start: 164 @2345 has 593 MA's),

Gene: Dussy_2 Start: 758, Stop: 1054, Start Num: 164

Candidate Starts for Dussy_2:

(Start: 164 @758 has 593 MA's), (218, 881), (231, 935), (237, 971), (243, 1007),

Gene: Dusty_13 Start: 3104, Stop: 3412, Start Num: 175

Candidate Starts for Dusty_13:

(148, 3074), (Start: 175 @3104 has 27 MA's), (242, 3368),

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

Candidate Starts for Dwayne_2:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: Dynamix_2 Start: 747, Stop: 1043, Start Num: 164

Candidate Starts for Dynamix_2:

(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

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

Candidate Starts for EMSquaredA_80:

(10, 49655), (26, 49805), (29, 49814), (33, 49841), (35, 49859), (41, 49883), (52, 49922), (57, 49934),
(60, 49937), (118, 50072), (Start: 179 @50168 has 22 MA's),

Gene: EZMoney23_4 Start: 2295, Stop: 2591, Start Num: 164

Candidate Starts for EZMoney23_4:

(Start: 164 @2295 has 593 MA's),

Gene: EagleEye_4 Start: 2125, Stop: 2418, Start Num: 161

Candidate Starts for EagleEye_4:

(Start: 161 @2125 has 33 MA's), (Start: 192 @2191 has 1 MA's), (211, 2227), (218, 2245), (220, 2257),

Gene: Eaglepride_1 Start: 473, Stop: 769, Start Num: 145

Candidate Starts for Eaglepride_1:

(93, 386), (Start: 145 @473 has 15 MA's),

Gene: Ebony_4 Start: 2395, Stop: 2658, Start Num: 182

Candidate Starts for Ebony_4:

(Start: 164 @2362 has 593 MA's), (Start: 182 @2395 has 5 MA's), (202, 2452), (249, 2653),

Gene: Echild_5 Start: 2672, Stop: 2968, Start Num: 164

Candidate Starts for Echild_5:

(Start: 164 @2672 has 593 MA's), (218, 2795),

Gene: Eddasa_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for Eddasa_2:

(107, 668), (Start: 164 @746 has 593 MA's), (222, 902),

Gene: Edison31_1 Start: 464, Stop: 760, Start Num: 145

Candidate Starts for Edison31_1:

(Start: 145 @464 has 15 MA's),

Gene: Edtherson_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Edtherson_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: Eidsmoe_4 Start: 2332, Stop: 2625, Start Num: 161

Candidate Starts for Eidsmoe_4:

(Start: 135 @2305 has 3 MA's), (Start: 161 @2332 has 33 MA's), (211, 2434), (218, 2452),

Gene: Ejemplo_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for Ejemplo_2:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (206, 832), (218, 859), (232, 922),

Gene: ElGato_4 Start: 978, Stop: 1292, Start Num: 165

Candidate Starts for ElGato_4:

(70, 825), (86, 858), (88, 864), (93, 870), (157, 972), (Start: 165 @978 has 47 MA's), (Start: 192 @1047 has 1 MA's), (220, 1122), (228, 1155),

Gene: ElTiger69_1 Start: 502, Stop: 801, Start Num: 162

Candidate Starts for ElTiger69_1:

(Start: 162 @502 has 29 MA's), (Start: 173 @517 has 1 MA's), (211, 610), (241, 751), (249, 796),

Gene: Elephantoon_4 Start: 2095, Stop: 2388, Start Num: 161

Candidate Starts for Elephantoon_4:

(Start: 161 @2095 has 33 MA's), (211, 2197), (218, 2215),

Gene: Elezi_68 Start: 43103, Stop: 43405, Start Num: 164

Candidate Starts for Elezi_68:

(Start: 164 @43103 has 593 MA's), (185, 43154), (Start: 192 @43169 has 1 MA's), (215, 43220), (232, 43295), (248, 43394),

Gene: Elinal_76 Start: 48006, Stop: 48332, Start Num: 155

Candidate Starts for Elinal_76:

(146, 47994), (Start: 155 @48006 has 9 MA's), (Start: 172 @48030 has 22 MA's), (Start: 188 @48084 has 1 MA's), (203, 48111), (236, 48231),

Gene: Elle_4 Start: 2141, Stop: 2437, Start Num: 164

Candidate Starts for Elle_4:

(87, 2009), (Start: 164 @2141 has 593 MA's), (202, 2231), (220, 2276),

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

Candidate Starts for Emaanora_3:

(Start: 69 @588 has 1 MA's), (82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (222, 882),

Gene: Emalyn_67 Start: 43687, Stop: 43962, Start Num: 172

Candidate Starts for Emalyn_67:

(Start: 170 @43684 has 2 MA's), (Start: 172 @43687 has 22 MA's), (220, 43792),

Gene: Emotion_74 Start: 44679, Stop: 45029, Start Num: 164

Candidate Starts for Emotion_74:

(Start: 164 @44679 has 593 MA's), (248, 44970),

Gene: EmyBug_4 Start: 2332, Stop: 2625, Start Num: 161

Candidate Starts for EmyBug_4:

(Start: 135 @2305 has 3 MA's), (Start: 161 @2332 has 33 MA's), (211, 2434), (218, 2452),

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

Candidate Starts for EnalisNailo_76:

(34, 50335), (52, 50422), (57, 50434), (60, 50437), (118, 50572), (Start: 179 @50668 has 22 MA's),

Gene: Engineer_14 Start: 3268, Stop: 3576, Start Num: 175

Candidate Starts for Engineer_14:

(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

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

Candidate Starts for EnochSoames_2:

(Start: 69 @613 has 1 MA's), (Start: 156 @733 has 1 MA's), (Start: 165 @742 has 47 MA's), (222, 898),

Gene: EnzoK_1 Start: 607, Stop: 903, Start Num: 164

Candidate Starts for EnzoK_1:

(Start: 164 @607 has 593 MA's), (218, 730), (243, 856),

Gene: EpicPhail_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for EpicPhail_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Epsocamisio_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Epsocamisio_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Equemioh13_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for Equemioh13_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Eraser_69 Start: 43240, Stop: 43542, Start Num: 164

Candidate Starts for Eraser_69:

(Start: 164 @43240 has 593 MA's), (185, 43291), (Start: 192 @43306 has 1 MA's), (215, 43357), (232, 43432), (248, 43531),

Gene: EricB_4 Start: 2144, Stop: 2440, Start Num: 164

Candidate Starts for EricB_4:

(Start: 164 @2144 has 593 MA's), (220, 2279),

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

Candidate Starts for Esperer_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Espresso_2 Start: 832, Stop: 1128, Start Num: 164

Candidate Starts for Espresso_2:

(Start: 130 @784 has 1 MA's), (Start: 164 @832 has 593 MA's), (218, 955), (231, 1009), (237, 1045), (243, 1081),

Gene: Eudoria_79 Start: 49950, Stop: 50285, Start Num: 131

Candidate Starts for Eudoria_79:

(28, 49677), (Start: 131 @49950 has 27 MA's),

Gene: Euphoria_2 Start: 736, Stop: 1032, Start Num: 164

Candidate Starts for Euphoria_2:

(Start: 164 @736 has 593 MA's), (218, 859), (231, 913), (237, 949), (243, 985),

Gene: Eviarto_84 Start: 53021, Stop: 53356, Start Num: 131

Candidate Starts for Eviarto_84:

(28, 52748), (Start: 131 @53021 has 27 MA's), (216, 53207),

Gene: EvilGenius_5 Start: 2559, Stop: 2855, Start Num: 164

Candidate Starts for EvilGenius_5:

(Start: 164 @2559 has 593 MA's), (218, 2682),

Gene: Exile_60 Start: 43770, Stop: 44069, Start Num: 164

Candidate Starts for Exile_60:

(80, 43632), (Start: 164 @43770 has 593 MA's), (Start: 192 @43836 has 1 MA's), (215, 43887), (248, 44061),

Gene: ExplosioNervosa_4 Start: 2308, Stop: 2628, Start Num: 135

Candidate Starts for ExplosioNervosa_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Eyeball_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Eyeball_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: FF47_64 Start: 46067, Stop: 46366, Start Num: 180

Candidate Starts for FF47_64:

(126, 45965), (Start: 180 @46067 has 1 MA's), (Start: 186 @46094 has 1 MA's), (206, 46145), (224, 46202), (239, 46298),

Gene: Fajezeel_2 Start: 749, Stop: 1057, Start Num: 164

Candidate Starts for Fajezeel_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: Fameo_5 Start: 2671, Stop: 2967, Start Num: 164

Candidate Starts for Fameo_5:

(Start: 164 @2671 has 593 MA's), (218, 2794),

Gene: Farber_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Farber_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

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

Candidate Starts for Farewell_96:

(64, 61136), (104, 61232), (119, 61265), (139, 61301), (Start: 141 @61307 has 35 MA's), (Start: 176 @61361 has 3 MA's), (184, 61394), (252, 61652),

Gene: Fascinus_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Fascinus_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Fayely_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Fayely_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Fenn_1 Start: 606, Stop: 902, Start Num: 164

Candidate Starts for Fenn_1:

(122, 543), (Start: 140 @579 has 2 MA's), (146, 588), (Start: 164 @606 has 593 MA's), (218, 729), (231, 783), (237, 819), (243, 855),

Gene: Fernando_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Fernando_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Fibonacci_4 Start: 2359, Stop: 2655, Start Num: 164

Candidate Starts for Fibonacci_4:

(Start: 164 @2359 has 593 MA's), (Start: 182 @2392 has 5 MA's), (202, 2449), (249, 2650),

Gene: FiringLine_5 Start: 2568, Stop: 2864, Start Num: 164

Candidate Starts for FiringLine_5:

(Start: 164 @2568 has 593 MA's), (218, 2691),

Gene: First_004 Start: 2483, Stop: 2779, Start Num: 164

Candidate Starts for First_004:

(Start: 164 @2483 has 593 MA's),

Gene: Flare16_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for Flare16_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Flaverint_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Flaverint_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Floof_81 Start: 48040, Stop: 48342, Start Num: 164

Candidate Starts for Floof_81:

(53, 47851), (Start: 96 @47941 has 1 MA's), (127, 47998), (Start: 164 @48040 has 593 MA's), (Start: 192 @48106 has 1 MA's), (220, 48181), (222, 48193),

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

Candidate Starts for Floral_80:

(10, 51612), (26, 51762), (29, 51771), (33, 51798), (35, 51816), (41, 51840), (52, 51879), (57, 51891), (60, 51894), (118, 52029), (Start: 179 @52125 has 22 MA's),

Gene: Flutur_69 Start: 43582, Stop: 43884, Start Num: 164

Candidate Starts for Flutur_69:

(Start: 164 @43582 has 593 MA's), (185, 43633), (Start: 192 @43648 has 1 MA's), (215, 43699), (232, 43774), (248, 43873),

Gene: FlyCatcher_1 Start: 396, Stop: 692, Start Num: 153

Candidate Starts for FlyCatcher_1:

(94, 300), (Start: 153 @396 has 1 MA's), (241, 642),

Gene: Footloose_71 Start: 39222, Stop: 39524, Start Num: 164

Candidate Starts for Footloose_71:

(Start: 164 @39222 has 593 MA's), (Start: 192 @39288 has 1 MA's), (228, 39393), (235, 39429),

Gene: ForGetIt_1 Start: 561, Stop: 860, Start Num: 162

Candidate Starts for ForGetIt_1:

(61, 372), (Start: 162 @561 has 29 MA's), (211, 669), (229, 741), (241, 810), (249, 855),

Gene: Forsytheast_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Forsytheast_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (231, 773), (237, 809), (243, 845),

Gene: Francis47_2 Start: 835, Stop: 1131, Start Num: 164

Candidate Starts for Francis47_2:

(Start: 130 @787 has 1 MA's), (Start: 164 @835 has 593 MA's), (218, 958), (237, 1048), (243, 1084),

Gene: Fred313_1 Start: 416, Stop: 712, Start Num: 144

Candidate Starts for Fred313_1:

(77, 293), (Start: 140 @410 has 2 MA's), (Start: 144 @416 has 3 MA's), (220, 551),

Gene: Fribs8_67 Start: 45643, Stop: 45981, Start Num: 172

Candidate Starts for Fribs8_67:

(Start: 172 @45643 has 22 MA's), (222, 45781), (236, 45850),

Gene: Froghopper_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Froghopper_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: Fushigi_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Fushigi_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: GMonster_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for GMonster_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: GageAP_2 Start: 986, Stop: 1282, Start Num: 164

Candidate Starts for GageAP_2:

(Start: 164 @986 has 593 MA's), (218, 1109), (237, 1199), (243, 1235),

Gene: Gaia_169 Start: 83930, Stop: 84226, Start Num: 175

Candidate Starts for Gaia_169:

(Start: 175 @83930 has 27 MA's), (Start: 189 @83975 has 14 MA's), (196, 83987), (219, 84041), (222, 84062), (223, 84077), (229, 84116), (232, 84125), (233, 84131),

Gene: Gail_4 Start: 2396, Stop: 2692, Start Num: 164

Candidate Starts for Gail_4:

(Start: 164 @2396 has 593 MA's), (209, 2498), (215, 2507), (217, 2513),

Gene: Gambol_64 Start: 39755, Stop: 39997, Start Num: 189

Candidate Starts for Gambol_64:

(Start: 164 @39695 has 593 MA's), (Start: 189 @39755 has 14 MA's), (Start: 192 @39761 has 1 MA's),

Gene: Gandalf20_2 Start: 843, Stop: 1139, Start Num: 164

Candidate Starts for Gandalf20_2:

(Start: 130 @795 has 1 MA's), (Start: 164 @843 has 593 MA's), (218, 966), (231, 1020), (237, 1056), (243, 1092),

Gene: GardenState_76 Start: 44995, Stop: 45294, Start Num: 164

Candidate Starts for GardenState_76:

(Start: 144 @44971 has 3 MA's), (Start: 164 @44995 has 593 MA's),

Gene: GaugeLDP_4 Start: 2092, Stop: 2388, Start Num: 164

Candidate Starts for GaugeLDP_4:

(Start: 164 @2092 has 593 MA's),

Gene: Geeche_13 Start: 3085, Stop: 3393, Start Num: 175

Candidate Starts for Geeche_13:

(148, 3055), (Start: 175 @3085 has 27 MA's), (242, 3349),

Gene: Gemma_1 Start: 522, Stop: 824, Start Num: 141

Candidate Starts for Gemma_1:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Georgie2_5 Start: 2570, Stop: 2866, Start Num: 164

Candidate Starts for Georgie2_5:

(Start: 164 @2570 has 593 MA's), (218, 2693),

Gene: GiKK_75 Start: 47115, Stop: 47441, Start Num: 151

Candidate Starts for GiKK_75:

(124, 47070), (Start: 151 @47115 has 1 MA's), (168, 47136), (Start: 172 @47145 has 22 MA's), (184, 47190), (199, 47229), (205, 47244), (221, 47277), (225, 47304), (231, 47328), (232, 47331),

Gene: Gilberta_4 Start: 2353, Stop: 2649, Start Num: 164

Candidate Starts for Gilberta_4:

(Start: 164 @2353 has 593 MA's), (Start: 182 @2386 has 5 MA's), (202, 2443), (249, 2644),

Gene: GingkoMaracino_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for GingkoMaracino_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Giorgio_62 Start: 39658, Stop: 39900, Start Num: 189

Candidate Starts for Giorgio_62:

(Start: 164 @39598 has 593 MA's), (Start: 189 @39658 has 14 MA's), (Start: 192 @39664 has 1 MA's),

Gene: GirlDinner_2 Start: 690, Stop: 1004, Start Num: 165

Candidate Starts for GirlDinner_2:

(Start: 165 @690 has 47 MA's), (Start: 192 @759 has 1 MA's), (220, 834),

Gene: Giroux_1 Start: 420, Stop: 716, Start Num: 164

Candidate Starts for Giroux_1:

(Start: 164 @420 has 593 MA's), (220, 555),

Gene: Gladiator_4 Start: 2133, Stop: 2429, Start Num: 164

Candidate Starts for Gladiator_4:

(Start: 164 @2133 has 593 MA's), (220, 2268),

Gene: Goby_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Goby_2:

(Start: 69 @588 has 1 MA's), (Start: 164 @723 has 593 MA's), (193, 795), (206, 825), (218, 852), (232, 915),

Gene: Gompeii16_2 Start: 835, Stop: 1131, Start Num: 164

Candidate Starts for Gompeii16_2:

(Start: 130 @787 has 1 MA's), (Start: 164 @835 has 593 MA's), (218, 958), (237, 1048), (243, 1084),

Gene: Goose_1 Start: 462, Stop: 758, Start Num: 145

Candidate Starts for Goose_1:

(Start: 145 @462 has 15 MA's),

Gene: Graduation_1 Start: 598, Stop: 894, Start Num: 164
Candidate Starts for Graduation_1:
(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 162 @595 has 29 MA's), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: GrecoEtereo_2 Start: 749, Stop: 1057, Start Num: 164
Candidate Starts for GrecoEtereo_2:
(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: GreedyLawyer_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for GreedyLawyer_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: GreenWeasel_1 Start: 591, Stop: 905, Start Num: 165
Candidate Starts for GreenWeasel_1:
(Start: 165 @591 has 47 MA's), (214, 708), (220, 735), (240, 837), (252, 900),

Gene: Greg_2 Start: 749, Stop: 1057, Start Num: 164
Candidate Starts for Greg_2:
(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: Gretchen_74 Start: 47033, Stop: 47335, Start Num: 164
Candidate Starts for Gretchen_74:
(Start: 164 @47033 has 593 MA's), (Start: 192 @47099 has 1 MA's), (215, 47150), (220, 47174),

Gene: Grif_1 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for Grif_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: GroundGoblin_2 Start: 750, Stop: 1046, Start Num: 164
Candidate Starts for GroundGoblin_2:
(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Groupthink_2 Start: 531, Stop: 824, Start Num: 164
Candidate Starts for Groupthink_2:
(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Grub_1 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for Grub_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Grum1_1 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for Grum1_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Gruunaga_4 Start: 2133, Stop: 2429, Start Num: 164
Candidate Starts for Gruunaga_4:
(Start: 164 @2133 has 593 MA's), (220, 2268),

Gene: GtownJaz_1 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for GtownJaz_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Gumpizza_62 Start: 39614, Stop: 39856, Start Num: 189

Candidate Starts for Gumpizza_62:

(Start: 164 @39554 has 593 MA's), (Start: 189 @39614 has 14 MA's), (Start: 192 @39620 has 1 MA's),

Gene: Gwendoluna_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Gwendoluna_1:

(Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: Gyzlar_2 Start: 742, Stop: 1038, Start Num: 164

Candidate Starts for Gyzlar_2:

(Start: 164 @742 has 593 MA's), (218, 865), (237, 955), (243, 991),

Gene: HINdeR_1 Start: 411, Stop: 704, Start Num: 164

Candidate Starts for HINdeR_1:

(Start: 164 @411 has 593 MA's), (Start: 190 @477 has 1 MA's), (241, 654), (247, 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 47 MA's), (220, 796), (228, 829),

Gene: Halsey_63 Start: 39841, Stop: 40083, Start Num: 189

Candidate Starts for Halsey_63:

(Start: 164 @39781 has 593 MA's), (Start: 189 @39841 has 14 MA's), (Start: 192 @39847 has 1 MA's),

Gene: Hami1_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Hami1_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Hammer_4 Start: 2132, Stop: 2428, Start Num: 164

Candidate Starts for Hammer_4:

(Start: 164 @2132 has 593 MA's), (220, 2267),

Gene: Hank144_2 Start: 693, Stop: 1007, Start Num: 165

Candidate Starts for Hank144_2:

(Start: 112 @618 has 1 MA's), (115, 624), (Start: 165 @693 has 47 MA's), (Start: 192 @762 has 1 MA's), (220, 837), (222, 849),

Gene: HarryHoudini_5 Start: 2627, Stop: 2923, Start Num: 164

Candidate Starts for HarryHoudini_5:

(63, 2426), (Start: 164 @2627 has 593 MA's),

Gene: HarryOW_2 Start: 749, Stop: 1057, Start Num: 164

Candidate Starts for HarryOW_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: HashRod_2 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for HashRod_2:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: HaveUMetTed_2 Start: 531, Stop: 824, Start Num: 164

Candidate Starts for HaveUMetTed_2:
(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Heffalump_5 Start: 2671, Stop: 2967, Start Num: 164
Candidate Starts for Heffalump_5:
(Start: 164 @2671 has 593 MA's), (218, 2794),

Gene: Heliosoles_1 Start: 522, Stop: 824, Start Num: 141
Candidate Starts for Heliosoles_1:
(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Helmet_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Helmet_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Herbertwm_1 Start: 414, Stop: 710, Start Num: 164
Candidate Starts for Herbertwm_1:
(113, 327), (Start: 114 @330 has 1 MA's), (Start: 164 @414 has 593 MA's), (205, 513),

Gene: Hercules11_1 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for Hercules11_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Hermia_2 Start: 750, Stop: 1046, Start Num: 164
Candidate Starts for Hermia_2:
(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: HermioneGrange_2 Start: 748, Stop: 1044, Start Num: 164
Candidate Starts for HermioneGrange_2:
(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Herod_84 Start: 53440, Stop: 53775, Start Num: 131
Candidate Starts for Herod_84:
(28, 53167), (Start: 131 @53440 has 27 MA's), (216, 53626),

Gene: Hexamo_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Hexamo_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Hippo_2 Start: 729, Stop: 1040, Start Num: 164
Candidate Starts for Hippo_2:
(82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (222, 882),

Gene: HippoHollow_4 Start: 2372, Stop: 2668, Start Num: 164
Candidate Starts for HippoHollow_4:
(Start: 164 @2372 has 593 MA's),

Gene: HippoPololi_68 Start: 45087, Stop: 45419, Start Num: 172
Candidate Starts for HippoPololi_68:
(Start: 172 @45087 has 22 MA's),

Gene: Homines_2 Start: 832, Stop: 1128, Start Num: 164
Candidate Starts for Homines_2:

(Start: 130 @784 has 1 MA's), (Start: 164 @832 has 593 MA's), (218, 955), (237, 1045), (243, 1081),

Gene: Honk_82 Start: 49790, Stop: 50095, Start Num: 164

Candidate Starts for Honk_82:

(99, 49700), (Start: 144 @49769 has 3 MA's), (Start: 164 @49790 has 593 MA's), (Start: 189 @49850 has 14 MA's),

Gene: Hookmount_1 Start: 445, Stop: 741, Start Num: 164

Candidate Starts for Hookmount_1:

(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Hoot_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Hoot_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Hope4ever_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Hope4ever_1:

(122, 537), (Start: 140 @573 has 2 MA's), (146, 582), (Start: 162 @597 has 29 MA's), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: Horseradish_71 Start: 45465, Stop: 45743, Start Num: 170

Candidate Starts for Horseradish_71:

(Start: 170 @45465 has 2 MA's), (Start: 172 @45468 has 22 MA's), (Start: 183 @45510 has 1 MA's), (Start: 187 @45522 has 1 MA's), (191, 45534), (222, 45585), (227, 45612), (228, 45615),

Gene: HortumSL17_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for HortumSL17_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: HuhtaEnerson15_1 Start: 535, Stop: 834, Start Num: 162

Candidate Starts for HuhtaEnerson15_1:

(Start: 162 @535 has 29 MA's), (211, 643), (229, 715), (241, 784), (249, 829),

Gene: Hutc2_4 Start: 2359, Stop: 2655, Start Num: 164

Candidate Starts for Hutc2_4:

(Start: 164 @2359 has 593 MA's), (Start: 182 @2392 has 5 MA's), (202, 2449), (249, 2650),

Gene: Hydra_3 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for Hydra_3:

(Start: 164 @739 has 593 MA's), (222, 895),

Gene: Hyzer_101 Start: 60183, Stop: 60518, Start Num: 131

Candidate Starts for Hyzer_101:

(100, 60138), (Start: 131 @60183 has 27 MA's),

Gene: IAmGroot_75 Start: 45197, Stop: 45496, Start Num: 164

Candidate Starts for IAmGroot_75:

(Start: 144 @45173 has 3 MA's), (Start: 164 @45197 has 593 MA's),

Gene: ILeeKay_1 Start: 547, Stop: 843, Start Num: 164

Candidate Starts for ILeeKay_1:

(122, 484), (Start: 140 @520 has 2 MA's), (146, 529), (Start: 164 @547 has 593 MA's), (218, 670), (237, 760), (243, 796),

Gene: IUFootball_69 Start: 45434, Stop: 45733, Start Num: 164

Candidate Starts for IUFootball_69:

(Start: 164 @45434 has 593 MA's), (Start: 192 @45500 has 1 MA's), (193, 45503), (230, 45620), (248, 45725),

Gene: Ibrahim_59 Start: 41099, Stop: 41398, Start Num: 85

Candidate Starts for Ibrahim_59:

(Start: 85 @41099 has 6 MA's), (222, 41222),

Gene: Ichabod_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Ichabod_2:

(Start: 164 @749 has 593 MA's), (218, 872), (243, 998),

Gene: IgnatiusPatJac_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for IgnatiusPatJac_1:

(Start: 140 @570 has 2 MA's), (146, 579), (Start: 159 @594 has 2 MA's), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Indigo_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Indigo_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Indra_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Indra_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Insomnia_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Insomnia_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Inyanga_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Inyanga_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 162 @596 has 29 MA's), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Iqorha_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Iqorha_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 162 @596 has 29 MA's), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: IronMan_4 Start: 2114, Stop: 2410, Start Num: 164

Candidate Starts for IronMan_4:

(Start: 164 @2114 has 593 MA's), (205, 2213), (234, 2309),

Gene: Isca_1 Start: 420, Stop: 716, Start Num: 164

Candidate Starts for Isca_1:

(89, 318), (Start: 141 @411 has 35 MA's), (Start: 164 @420 has 593 MA's), (220, 555),

Gene: Isiphiwo_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Isiphiwo_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Issmi_2 Start: 651, Stop: 965, Start Num: 165

Candidate Starts for Issmi_2:

(Start: 165 @651 has 47 MA's), (220, 795), (228, 828), (252, 960),

Gene: Iter_70 Start: 43593, Stop: 43895, Start Num: 164

Candidate Starts for Iter_70:

(Start: 164 @43593 has 593 MA's), (Start: 192 @43659 has 1 MA's), (215, 43710), (232, 43785), (248, 43884),

Gene: IttyBittyPiggy_70 Start: 41834, Stop: 42145, Start Num: 164

Candidate Starts for IttyBittyPiggy_70:

(Start: 164 @41834 has 593 MA's), (232, 42026), (248, 42125),

Gene: Itza_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for Itza_2:

(Start: 165 @744 has 47 MA's), (220, 888),

Gene: Iwokeuplikedis_5 Start: 2364, Stop: 2660, Start Num: 164

Candidate Starts for Iwokeuplikedis_5:

(Start: 164 @2364 has 593 MA's),

Gene: Izzy_2 Start: 793, Stop: 1107, Start Num: 164

Candidate Starts for Izzy_2:

(107, 715), (Start: 164 @793 has 593 MA's), (222, 949),

Gene: JC27_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for JC27_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: JF2_1 Start: 419, Stop: 715, Start Num: 164

Candidate Starts for JF2_1:

(77, 293), (Start: 140 @410 has 2 MA's), (Start: 164 @419 has 593 MA's), (220, 554),

Gene: JF4_1 Start: 419, Stop: 715, Start Num: 164

Candidate Starts for JF4_1:

(77, 293), (Start: 140 @410 has 2 MA's), (Start: 164 @419 has 593 MA's), (220, 554),

Gene: JHC117_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for JHC117_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: JSwag_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for JSwag_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Jaan_4 Start: 2110, Stop: 2406, Start Num: 164

Candidate Starts for Jaan_4:

(Start: 164 @2110 has 593 MA's), (205, 2209), (234, 2305),

Gene: Jabiru_1 Start: 502, Stop: 801, Start Num: 162

Candidate Starts for Jabiru_1:

(Start: 162 @502 has 29 MA's), (Start: 173 @517 has 1 MA's), (211, 610), (241, 751), (249, 796),

Gene: Jabith_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Jabith_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Jablanski_82 Start: 53171, Stop: 53461, Start Num: 179

Candidate Starts for Jablanski_82:

(Start: 141 @53114 has 35 MA's), (Start: 144 @53120 has 3 MA's), (Start: 179 @53171 has 22 MA's),

Gene: JackSparrow_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for JackSparrow_1:

(Start: 140 @569 has 2 MA's), (146, 578), (Start: 159 @593 has 2 MA's), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: JacoRen57_63 Start: 47251, Stop: 47520, Start Num: 190

Candidate Starts for JacoRen57_63:

(177, 47200), (Start: 190 @47251 has 1 MA's), (232, 47383), (238, 47419),

Gene: Jamzy_76 Start: 46875, Stop: 47171, Start Num: 172

Candidate Starts for Jamzy_76:

(124, 46800), (Start: 151 @46845 has 1 MA's), (168, 46866), (Start: 172 @46875 has 22 MA's), (184, 46920), (199, 46959), (205, 46974), (221, 47007), (225, 47034), (231, 47058), (232, 47061),

Gene: Janeemi_69 Start: 43509, Stop: 43811, Start Num: 164

Candidate Starts for Janeemi_69:

(Start: 164 @43509 has 593 MA's), (Start: 192 @43575 has 1 MA's), (215, 43626), (232, 43701), (248, 43800),

Gene: Janus_3 Start: 1027, Stop: 1341, Start Num: 165

Candidate Starts for Janus_3:

(Start: 165 @1027 has 47 MA's), (Start: 192 @1096 has 1 MA's), (220, 1171),

Gene: Jash_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for Jash_2:

(107, 668), (Start: 164 @746 has 593 MA's), (222, 902),

Gene: JasmineDragon_70 Start: 43243, Stop: 43605, Start Num: 164

Candidate Starts for JasmineDragon_70:

(87, 43126), (Start: 164 @43243 has 593 MA's), (Start: 189 @43312 has 14 MA's), (Start: 192 @43318 has 1 MA's), (245, 43513), (251, 43555),

Gene: Jasper_2 Start: 863, Stop: 1171, Start Num: 164

Candidate Starts for Jasper_2:

(Start: 130 @815 has 1 MA's), (Start: 164 @863 has 593 MA's), (218, 986), (237, 1076), (243, 1112),

Gene: Jeeves_4 Start: 2418, Stop: 2714, Start Num: 164

Candidate Starts for Jeeves_4:

(Start: 164 @2418 has 593 MA's), (215, 2529), (217, 2535),

Gene: Jeffabunny_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Jeffabunny_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: JenCasNa_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for JenCasNa_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: JeppNRM_2 Start: 531, Stop: 824, Start Num: 164
Candidate Starts for JeppNRM_2:
(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Jerm_5 Start: 2548, Stop: 2844, Start Num: 164
Candidate Starts for Jerm_5:
(Start: 164 @2548 has 593 MA's), (218, 2671),

Gene: Jerm2_2 Start: 748, Stop: 1044, Start Num: 164
Candidate Starts for Jerm2_2:
(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Jevington_3 Start: 1035, Stop: 1349, Start Num: 165
Candidate Starts for Jevington_3:
(Start: 112 @963 has 1 MA's), (Start: 156 @1029 has 1 MA's), (Start: 165 @1035 has 47 MA's), (Start: 192 @1104 has 1 MA's), (220, 1179), (228, 1212),

Gene: JewelBug_4 Start: 2144, Stop: 2440, Start Num: 164
Candidate Starts for JewelBug_4:
(Start: 164 @2144 has 593 MA's), (220, 2279),

Gene: Jhitchelle_3 Start: 945, Stop: 1259, Start Num: 165
Candidate Starts for Jhitchelle_3:
(157, 939), (Start: 165 @945 has 47 MA's), (220, 1089), (228, 1122),

Gene: Jobu08_1 Start: 517, Stop: 819, Start Num: 141
Candidate Starts for Jobu08_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Joemato_71 Start: 43479, Stop: 43781, Start Num: 164
Candidate Starts for Joemato_71:
(Start: 164 @43479 has 593 MA's), (185, 43530), (Start: 192 @43545 has 1 MA's), (215, 43596), (232, 43671), (248, 43770),

Gene: JohnDoe_70 Start: 43395, Stop: 43697, Start Num: 164
Candidate Starts for JohnDoe_70:
(Start: 164 @43395 has 593 MA's), (185, 43446), (Start: 192 @43461 has 1 MA's), (215, 43512), (232, 43587), (248, 43686),

Gene: JonJames_13 Start: 3969, Stop: 4277, Start Num: 175
Candidate Starts for JonJames_13:
(Start: 175 @3969 has 27 MA's), (228, 4143), (232, 4161), (236, 4182),

Gene: Jordennis_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Jordennis_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Jorgensen_2 Start: 833, Stop: 1129, Start Num: 164
Candidate Starts for Jorgensen_2:

(Start: 130 @785 has 1 MA's), (Start: 164 @833 has 593 MA's), (218, 956), (231, 1010), (237, 1046), (243, 1082),

Gene: Joselito_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Joselito_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: JoshKayV_5 Start: 2563, Stop: 2859, Start Num: 164

Candidate Starts for JoshKayV_5:

(Start: 164 @2563 has 593 MA's), (218, 2686),

Gene: Journey13_4 Start: 2424, Stop: 2720, Start Num: 164

Candidate Starts for Journey13_4:

(Start: 164 @2424 has 593 MA's), (202, 2514),

Gene: Jovo_1 Start: 535, Stop: 834, Start Num: 162

Candidate Starts for Jovo_1:

(Start: 162 @535 has 29 MA's), (211, 643), (229, 715), (241, 784), (249, 829),

Gene: Jsquared_4 Start: 2327, Stop: 2623, Start Num: 164

Candidate Starts for Jsquared_4:

(Start: 164 @2327 has 593 MA's),

Gene: Juicebox_59 Start: 41044, Stop: 41346, Start Num: 174

Candidate Starts for Juicebox_59:

(Start: 164 @41038 has 593 MA's), (Start: 174 @41044 has 1 MA's), (228, 41221),

Gene: JuliaChild_2 Start: 834, Stop: 1130, Start Num: 164

Candidate Starts for JuliaChild_2:

(Start: 130 @786 has 1 MA's), (Start: 164 @834 has 593 MA's), (218, 957), (237, 1047), (243, 1083),

Gene: JuneStar_68 Start: 44149, Stop: 44457, Start Num: 164

Candidate Starts for JuneStar_68:

(51, 43936), (Start: 164 @44149 has 593 MA's), (Start: 192 @44215 has 1 MA's), (229, 44332), (232, 44341), (248, 44440),

Gene: KADY_2 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for KADY_2:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: KBG_2 Start: 835, Stop: 1131, Start Num: 164

Candidate Starts for KBG_2:

(Start: 130 @787 has 1 MA's), (Start: 164 @835 has 593 MA's), (218, 958), (237, 1048), (243, 1084),

Gene: KSSJEB_1 Start: 580, Stop: 903, Start Num: 140

Candidate Starts for KSSJEB_1:

(Start: 140 @580 has 2 MA's), (146, 589), (Start: 164 @607 has 593 MA's), (218, 730), (237, 820), (243, 856),

Gene: Kachowdy_1 Start: 416, Stop: 712, Start Num: 144

Candidate Starts for Kachowdy_1:

(77, 293), (Start: 140 @410 has 2 MA's), (Start: 144 @416 has 3 MA's), (220, 551),

Gene: Kaine_3 Start: 968, Stop: 1282, Start Num: 165

Candidate Starts for Kaine_3:

(49, 755), (63, 785), (157, 962), (Start: 165 @968 has 47 MA's), (Start: 192 @1037 has 1 MA's), (220, 1112), (228, 1145),

Gene: Kalb97_2 Start: 528, Stop: 821, Start Num: 164

Candidate Starts for Kalb97_2:

(Start: 141 @519 has 35 MA's), (Start: 164 @528 has 593 MA's), (Start: 192 @594 has 1 MA's),

Gene: Kalimba_63 Start: 39732, Stop: 39974, Start Num: 189

Candidate Starts for Kalimba_63:

(Start: 164 @39672 has 593 MA's), (Start: 189 @39732 has 14 MA's), (Start: 192 @39738 has 1 MA's),

Gene: Kalnoky_2 Start: 522, Stop: 824, Start Num: 141

Candidate Starts for Kalnoky_2:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Kalpine_4 Start: 2560, Stop: 2856, Start Num: 164

Candidate Starts for Kalpine_4:

(Start: 164 @2560 has 593 MA's),

Gene: Kanely_3 Start: 1297, Stop: 1593, Start Num: 164

Candidate Starts for Kanely_3:

(Start: 130 @1249 has 1 MA's), (Start: 164 @1297 has 593 MA's), (218, 1420), (237, 1510), (243, 1546),

Gene: Katalie_2 Start: 726, Stop: 1040, Start Num: 164

Candidate Starts for Katalie_2:

(67, 582), (Start: 164 @726 has 593 MA's), (193, 798), (222, 882),

Gene: KatherineG_4 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for KatherineG_4:

(Start: 164 @2425 has 593 MA's), (202, 2515),

Gene: KayGee_74 Start: 48035, Stop: 48361, Start Num: 155

Candidate Starts for KayGee_74:

(146, 48023), (Start: 155 @48035 has 9 MA's), (Start: 172 @48059 has 22 MA's), (Start: 188 @48113 has 1 MA's), (203, 48140), (236, 48260),

Gene: Kaylissa_71 Start: 43755, Stop: 44057, Start Num: 164

Candidate Starts for Kaylissa_71:

(Start: 164 @43755 has 593 MA's), (185, 43806), (Start: 192 @43821 has 1 MA's), (215, 43872), (232, 43947), (248, 44046),

Gene: Kazan_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Kazan_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: KeAlii_67 Start: 41473, Stop: 41784, Start Num: 164

Candidate Starts for KeAlii_67:

(Start: 164 @41473 has 593 MA's), (Start: 192 @41539 has 1 MA's), (215, 41590), (248, 41764),

Gene: Kenmech_2 Start: 758, Stop: 1054, Start Num: 164
Candidate Starts for Kenmech_2:
(Start: 164 @758 has 593 MA's), (218, 881), (231, 935), (237, 971), (243, 1007),

Gene: Kerberos_4 Start: 2345, Stop: 2641, Start Num: 164
Candidate Starts for Kerberos_4:
(Start: 164 @2345 has 593 MA's),

Gene: Keziacharles14_4 Start: 2212, Stop: 2505, Start Num: 161
Candidate Starts for Keziacharles14_4:
(Start: 161 @2212 has 33 MA's), (202, 2299), (211, 2314), (218, 2332),

Gene: KikiBouba_2 Start: 750, Stop: 1046, Start Num: 164
Candidate Starts for KikiBouba_2:
(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Killigrew_1 Start: 596, Stop: 892, Start Num: 164
Candidate Starts for Killigrew_1:
(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719),
(237, 809), (243, 845),

Gene: Kimba_4 Start: 2389, Stop: 2652, Start Num: 182
Candidate Starts for Kimba_4:
(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Kimona_1 Start: 576, Stop: 872, Start Num: 164
Candidate Starts for Kimona_1:
(Start: 140 @567 has 2 MA's), (Start: 164 @576 has 593 MA's), (Start: 182 @609 has 5 MA's), (220, 711), (241, 822),

Gene: KingCyrus_5 Start: 2548, Stop: 2844, Start Num: 164
Candidate Starts for KingCyrus_5:
(Start: 164 @2548 has 593 MA's), (218, 2671),

Gene: Kipper29_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Kipper29_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Kita_80 Start: 49959, Stop: 50294, Start Num: 131
Candidate Starts for Kita_80:
(28, 49686), (Start: 131 @49959 has 27 MA's),

Gene: KittenMittens_1 Start: 472, Stop: 768, Start Num: 145
Candidate Starts for KittenMittens_1:
(43, 247), (Start: 145 @472 has 15 MA's), (220, 607),

Gene: Klodlith_4 Start: 2108, Stop: 2401, Start Num: 161
Candidate Starts for Klodlith_4:
(Start: 161 @2108 has 33 MA's), (202, 2195), (211, 2210), (218, 2228),

Gene: Koko_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Koko_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Kristoff_2 Start: 629, Stop: 925, Start Num: 145
Candidate Starts for Kristoff_2:
(Start: 96 @548 has 1 MA's), (Start: 145 @629 has 15 MA's),

Gene: Kugel_1 Start: 596, Stop: 904, Start Num: 164
Candidate Starts for Kugel_1:
(123, 533), (Start: 141 @569 has 35 MA's), (147, 578), (Start: 164 @596 has 593 MA's), (218, 719),
(237, 809), (243, 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: 164
Candidate Starts for KyMonks1A_1:
(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720),
(237, 810), (243, 846),

Gene: Kykar_1 Start: 597, Stop: 893, Start Num: 164
Candidate Starts for Kykar_1:
(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720),
(237, 810), (243, 846),

Gene: L5_4 Start: 2332, Stop: 2628, Start Num: 164
Candidate Starts for L5_4:
(Start: 164 @2332 has 593 MA's),

Gene: LBerry_1 Start: 517, Stop: 819, Start Num: 141
Candidate Starts for LBerry_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: LHTSCC_1 Start: 460, Stop: 762, Start Num: 159
Candidate Starts for LHTSCC_1:
(Start: 95 @355 has 2 MA's), (Start: 159 @460 has 2 MA's), (Start: 192 @535 has 1 MA's), (243, 721),

Gene: LadyBird_4 Start: 2463, Stop: 2759, Start Num: 164
Candidate Starts for LadyBird_4:
(Start: 164 @2463 has 593 MA's), (218, 2586),

Gene: Lambert1_1 Start: 445, Stop: 741, Start Num: 164
Candidate Starts for Lambert1_1:
(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Lamina13_2 Start: 750, Stop: 1046, Start Num: 164
Candidate Starts for Lamina13_2:
(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Landor_4 Start: 2112, Stop: 2408, Start Num: 164
Candidate Starts for Landor_4:
(Start: 164 @2112 has 593 MA's), (205, 2211), (234, 2307),

Gene: Lannister_3 Start: 743, Stop: 1054, Start Num: 164

Candidate Starts for Lannister_3:
(127, 701), (Start: 164 @743 has 593 MA's), (222, 896),

Gene: Larenn_5 Start: 2579, Stop: 2875, Start Num: 164
Candidate Starts for Larenn_5:
(Start: 164 @2579 has 593 MA's),

Gene: LarryKay_1 Start: 527, Stop: 820, Start Num: 164
Candidate Starts for LarryKay_1:
(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: LastResort_4 Start: 2278, Stop: 2574, Start Num: 164
Candidate Starts for LastResort_4:
(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Lauer_66 Start: 47856, Stop: 48119, Start Num: 188
Candidate Starts for Lauer_66:
(146, 47766), (Start: 155 @47778 has 9 MA's), (Start: 172 @47802 has 22 MA's), (Start: 188 @47856 has 1 MA's), (201, 47889), (236, 48015),

Gene: Legacy_2 Start: 739, Stop: 1053, Start Num: 164
Candidate Starts for Legacy_2:
(Start: 164 @739 has 593 MA's), (222, 895),

Gene: Lego_69 Start: 43077, Stop: 43379, Start Num: 164
Candidate Starts for Lego_69:
(Start: 164 @43077 has 593 MA's), (185, 43128), (Start: 192 @43143 has 1 MA's), (215, 43194), (232, 43269), (248, 43368),

Gene: Leogania_4 Start: 2319, Stop: 2615, Start Num: 164
Candidate Starts for Leogania_4:
(Start: 164 @2319 has 593 MA's), (217, 2436),

Gene: Lesedi_1 Start: 599, Stop: 895, Start Num: 164
Candidate Starts for Lesedi_1:
(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Lev2_1 Start: 534, Stop: 833, Start Num: 162
Candidate Starts for Lev2_1:
(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: Levia_1 Start: 599, Stop: 895, Start Num: 164
Candidate Starts for Levia_1:
(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Leviathan_5 Start: 2547, Stop: 2843, Start Num: 164
Candidate Starts for Leviathan_5:
(Start: 164 @2547 has 593 MA's), (218, 2670),

Gene: Leviticus_2 Start: 740, Stop: 1054, Start Num: 164
Candidate Starts for Leviticus_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Licorice_2 Start: 751, Stop: 1047, Start Num: 164

Candidate Starts for Licorice_2:

(Start: 164 @751 has 593 MA's), (218, 874), (237, 964), (243, 1000),

Gene: Liebe_69 Start: 45433, Stop: 45732, Start Num: 164

Candidate Starts for Liebe_69:

(Start: 164 @45433 has 593 MA's), (Start: 192 @45499 has 1 MA's), (193, 45502), (230, 45619), (248, 45724),

Gene: Lika_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Lika_2:

(75, 615), (Start: 164 @726 has 593 MA's), (193, 798), (206, 828), (218, 855),

Gene: LilBib_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for LilBib_1:

(Start: 140 @573 has 2 MA's), (146, 582), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: LilTurb_5 Start: 2548, Stop: 2844, Start Num: 164

Candidate Starts for LilTurb_5:

(Start: 164 @2548 has 593 MA's), (218, 2671),

Gene: Lilbunny_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Lilbunny_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Lilith_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Lilith_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: LionsBait_4 Start: 2366, Stop: 2662, Start Num: 164

Candidate Starts for LionsBait_4:

(Start: 164 @2366 has 593 MA's),

Gene: LittleCherry_1 Start: 535, Stop: 834, Start Num: 162

Candidate Starts for LittleCherry_1:

(Start: 162 @535 has 29 MA's), (211, 643), (229, 715), (241, 784), (249, 829),

Gene: Lizalica_69 Start: 42687, Stop: 42989, Start Num: 164

Candidate Starts for Lizalica_69:

(Start: 164 @42687 has 593 MA's), (185, 42738), (Start: 192 @42753 has 1 MA's), (215, 42804), (232, 42879), (248, 42978),

Gene: Lockley_2 Start: 739, Stop: 1035, Start Num: 164

Candidate Starts for Lockley_2:

(Start: 164 @739 has 593 MA's), (218, 862), (231, 916), (237, 952), (243, 988),

Gene: Lokk_5 Start: 2540, Stop: 2836, Start Num: 164

Candidate Starts for Lokk_5:

(Start: 164 @2540 has 593 MA's),

Gene: London_69 Start: 43231, Stop: 43533, Start Num: 164

Candidate Starts for London_69:

(Start: 164 @43231 has 593 MA's), (185, 43282), (Start: 192 @43297 has 1 MA's), (215, 43348), (232, 43423), (248, 43522),

Gene: LoneWolf_4 Start: 2099, Stop: 2392, Start Num: 161

Candidate Starts for LoneWolf_4:

(Start: 161 @2099 has 33 MA's), (211, 2201), (218, 2219),

Gene: LonelyBoi_78 Start: 53256, Stop: 53543, Start Num: 179

Candidate Starts for LonelyBoi_78:

(5, 52596), (12, 52755), (15, 52785), (106, 53133), (Start: 141 @53199 has 35 MA's), (Start: 144 @53205 has 3 MA's), (Start: 179 @53256 has 22 MA's),

Gene: Loofah_3 Start: 682, Stop: 996, Start Num: 165

Candidate Starts for Loofah_3:

(Start: 112 @604 has 1 MA's), (157, 673), (Start: 165 @682 has 47 MA's), (220, 826), (222, 838),

Gene: Looper_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Looper_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Lopton_2 Start: 841, Stop: 1137, Start Num: 164

Candidate Starts for Lopton_2:

(Start: 130 @793 has 1 MA's), (Start: 164 @841 has 593 MA's), (218, 964), (237, 1054), (243, 1090),

Gene: Lorelei_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Lorelei_2:

(Start: 69 @591 has 1 MA's), (Start: 164 @726 has 593 MA's), (193, 798), (206, 828), (222, 879),

Gene: Loser_4 Start: 2277, Stop: 2573, Start Num: 164

Candidate Starts for Loser_4:

(Start: 164 @2277 has 593 MA's), (218, 2400),

Gene: Louie6_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Louie6_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Lozinak_14 Start: 3268, Stop: 3576, Start Num: 175

Candidate Starts for Lozinak_14:

(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

Gene: Luchador_4 Start: 2402, Stop: 2698, Start Num: 164

Candidate Starts for Luchador_4:

(Start: 164 @2402 has 593 MA's), (209, 2504), (215, 2513), (217, 2519),

Gene: Lucivia_4 Start: 2353, Stop: 2649, Start Num: 164

Candidate Starts for Lucivia_4:

(Start: 164 @2353 has 593 MA's), (Start: 182 @2386 has 5 MA's), (202, 2443), (249, 2644),

Gene: Lucyedi_4 Start: 2125, Stop: 2418, Start Num: 161

Candidate Starts for Lucyedi_4:

(Start: 161 @2125 has 33 MA's), (Start: 192 @2191 has 1 MA's), (211, 2227), (218, 2245), (220, 2257),

Gene: LugYA_3 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for LugYA_3:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: LunaStella_101 Start: 55262, Stop: 55549, Start Num: 179

Candidate Starts for LunaStella_101:

(17, 54791), (46, 54992), (62, 55031), (81, 55097), (84, 55100), (Start: 144 @55211 has 3 MA's),
(Start: 179 @55262 has 22 MA's),

Gene: LunarLander_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for LunarLander_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721),
(237, 811), (243, 847),

Gene: MA5_1 Start: 429, Stop: 725, Start Num: 164

Candidate Starts for MA5_1:

(Start: 140 @420 has 2 MA's), (Start: 164 @429 has 593 MA's), (Start: 192 @498 has 1 MA's), (220, 564),

Gene: MAnor_73 Start: 48015, Stop: 48329, Start Num: 155

Candidate Starts for MAnor_73:

(146, 48003), (Start: 155 @48015 has 9 MA's), (207, 48114), (231, 48201),

Gene: MK4_1 Start: 419, Stop: 715, Start Num: 164

Candidate Starts for MK4_1:

(77, 293), (Start: 140 @410 has 2 MA's), (Start: 164 @419 has 593 MA's), (220, 554),

Gene: MPlant7149_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for MPlant7149_2:

(Start: 164 @748 has 593 MA's), (237, 961), (243, 997),

Gene: MaCh_4 Start: 2353, Stop: 2649, Start Num: 164

Candidate Starts for MaCh_4:

(Start: 164 @2353 has 593 MA's), (Start: 182 @2386 has 5 MA's), (202, 2443), (249, 2644),

Gene: MaGuCo_63 Start: 43554, Stop: 43853, Start Num: 164

Candidate Starts for MaGuCo_63:

(Start: 164 @43554 has 593 MA's), (Start: 192 @43620 has 1 MA's), (193, 43623), (230, 43740), (248, 43845),

Gene: Mabodamaca_75 Start: 48569, Stop: 48868, Start Num: 164

Candidate Starts for Mabodamaca_75:

(40, 48311), (Start: 164 @48569 has 593 MA's), (Start: 192 @48635 has 1 MA's), (215, 48686), (232, 48761),

Gene: Maco6_63 Start: 45489, Stop: 45788, Start Num: 180

Candidate Starts for Maco6_63:

(Start: 180 @45489 has 1 MA's), (Start: 186 @45516 has 1 MA's), (206, 45567), (224, 45624), (239, 45720),

Gene: MadMarie_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for MadMarie_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Madavieve_80 Start: 51628, Stop: 51963, Start Num: 131

Candidate Starts for Madavieve_80:

(30, 51364), (42, 51433), (68, 51514), (100, 51583), (Start: 131 @51628 has 27 MA's),

Gene: Madeline_76 Start: 51284, Stop: 51616, Start Num: 131

Candidate Starts for Madeline_76:

(19, 50948), (28, 51011), (Start: 131 @51284 has 27 MA's),

Gene: Magnar_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Magnar_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Mainiac_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Mainiac_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Makemake_2 Start: 1064, Stop: 1360, Start Num: 164

Candidate Starts for Makemake_2:

(Start: 140 @1034 has 2 MA's), (146, 1043), (Start: 159 @1058 has 2 MA's), (Start: 164 @1064 has 593 MA's), (218, 1187), (243, 1313),

Gene: MalagasyRose_85 Start: 53161, Stop: 53499, Start Num: 182

Candidate Starts for MalagasyRose_85:

(109, 53017), (110, 53020), (133, 53065), (154, 53101), (Start: 178 @53140 has 3 MA's), (Start: 182 @53161 has 5 MA's), (215, 53260), (226, 53341),

Gene: Malec_5 Start: 2579, Stop: 2875, Start Num: 164

Candidate Starts for Malec_5:

(Start: 164 @2579 has 593 MA's),

Gene: Malinsilva_3 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Malinsilva_3:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Maminiaina_4 Start: 2102, Stop: 2395, Start Num: 161

Candidate Starts for Maminiaina_4:

(Start: 161 @2102 has 33 MA's), (211, 2204), (218, 2222),

Gene: Manasvini_81 Start: 49974, Stop: 50309, Start Num: 131

Candidate Starts for Manasvini_81:

(28, 49701), (Start: 131 @49974 has 27 MA's),

Gene: Manatee_2 Start: 747, Stop: 1043, Start Num: 164

Candidate Starts for Manatee_2:

(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: Maneekul_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for Maneekul_2:

(82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (206, 831), (218, 858), (232, 921),

Gene: Manu_2 Start: 531, Stop: 824, Start Num: 164

Candidate Starts for Manu_2:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: MarQuardt_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for MarQuardt_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Marav_3 Start: 1035, Stop: 1349, Start Num: 165

Candidate Starts for Marav_3:

(82, 909), (Start: 112 @963 has 1 MA's), (Start: 156 @1029 has 1 MA's), (Start: 165 @1035 has 47 MA's), (Start: 192 @1104 has 1 MA's), (220, 1179), (228, 1212),

Gene: Marcell_2 Start: 743, Stop: 1039, Start Num: 164

Candidate Starts for Marcell_2:

(Start: 164 @743 has 593 MA's), (218, 866), (237, 956), (243, 992),

Gene: Marchy_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Marchy_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Marco3_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Marco3_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Margaret_75 Start: 46622, Stop: 46930, Start Num: 172

Candidate Starts for Margaret_75:

(105, 46505), (120, 46538), (124, 46547), (Start: 151 @46592 has 1 MA's), (168, 46613), (Start: 172 @46622 has 22 MA's), (184, 46667), (199, 46706), (205, 46721), (210, 46730), (214, 46736), (222, 46769),

Gene: Marge_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Marge_1:

(Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Margo_1 Start: 445, Stop: 741, Start Num: 164

Candidate Starts for Margo_1:

(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Maridalia_83 Start: 51242, Stop: 51577, Start Num: 131

Candidate Starts for Maridalia_83:

(28, 50969), (Start: 131 @51242 has 27 MA's),

Gene: Marie_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Marie_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Marius_2 Start: 531, Stop: 824, Start Num: 164

Candidate Starts for Marius_2:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Maroc7_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Maroc7_1:

(122, 537), (Start: 140 @573 has 2 MA's), (146, 582), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: Marsha_2 Start: 1060, Stop: 1356, Start Num: 162

Candidate Starts for Marsha_2:

(Start: 140 @1033 has 2 MA's), (146, 1042), (Start: 159 @1057 has 2 MA's), (Start: 162 @1060 has 29 MA's), (218, 1183), (243, 1309),

Gene: MaryBeth_2 Start: 751, Stop: 1047, Start Num: 164

Candidate Starts for MaryBeth_2:

(Start: 164 @751 has 593 MA's), (218, 874), (237, 964), (243, 1000),

Gene: Maureen_69 Start: 45432, Stop: 45731, Start Num: 164

Candidate Starts for Maureen_69:

(Start: 164 @45432 has 593 MA's), (Start: 192 @45498 has 1 MA's), (193, 45501), (230, 45618), (248, 45723),

Gene: Mayweather_74 Start: 48037, Stop: 48378, Start Num: 155

Candidate Starts for Mayweather_74:

(146, 48025), (Start: 155 @48037 has 9 MA's), (Start: 172 @48061 has 22 MA's), (Start: 188 @48115 has 1 MA's), (203, 48154), (236, 48274),

Gene: McDazzle_71 Start: 47583, Stop: 47897, Start Num: 155

Candidate Starts for McDazzle_71:

(146, 47571), (Start: 155 @47583 has 9 MA's), (207, 47682), (229, 47763), (231, 47769),

Gene: McFly_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for McFly_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: McGuire_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for McGuire_2:

(Start: 164 @749 has 593 MA's), (218, 872), (231, 926), (237, 962), (243, 998),

Gene: McSinger_2 Start: 741, Stop: 1049, Start Num: 164

Candidate Starts for McSinger_2:

(102, 636), (Start: 164 @741 has 593 MA's), (218, 864), (237, 954), (243, 990),

Gene: Mendokysei_63 Start: 42026, Stop: 42310, Start Num: 183

Candidate Starts for Mendokysei_63:

(13, 41501), (18, 41540), (22, 41567), (38, 41678), (125, 41906), (Start: 183 @42026 has 1 MA's), (222, 42134), (229, 42173),

Gene: MetalQZJ_2 Start: 751, Stop: 1047, Start Num: 164

Candidate Starts for MetalQZJ_2:

(Start: 164 @751 has 593 MA's), (218, 874), (237, 964), (243, 1000),

Gene: Methuselah_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Methuselah_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Michley_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Michley_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Microwolf_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Microwolf_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: MiculUcigas_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for MiculUcigas_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Midas2_1 Start: 503, Stop: 802, Start Num: 162

Candidate Starts for Midas2_1:

(58, 368), (Start: 162 @503 has 29 MA's), (211, 611), (229, 683), (241, 752), (249, 797),

Gene: Miko_5 Start: 2518, Stop: 2814, Start Num: 164

Candidate Starts for Miko_5:

(Start: 164 @2518 has 593 MA's),

Gene: Milcery_1 Start: 534, Stop: 833, Start Num: 162

Candidate Starts for Milcery_1:

(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: MinecraftSteve_5 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for MinecraftSteve_5:

(Start: 164 @2425 has 593 MA's), (202, 2515),

Gene: MiniMommy_69 Start: 43251, Stop: 43613, Start Num: 164

Candidate Starts for MiniMommy_69:

(87, 43134), (Start: 164 @43251 has 593 MA's), (Start: 189 @43320 has 14 MA's), (Start: 192 @43326 has 1 MA's), (245, 43521), (249, 43554), (251, 43563),

Gene: Miskis_12 Start: 3268, Stop: 3576, Start Num: 175

Candidate Starts for Miskis_12:

(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

Gene: Misomonster_3 Start: 518, Stop: 838, Start Num: 141

Candidate Starts for Misomonster_3:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: MissSwiss_70 Start: 42246, Stop: 42548, Start Num: 164

Candidate Starts for MissSwiss_70:

(Start: 164 @42246 has 593 MA's), (215, 42363), (229, 42429), (248, 42537),

Gene: MissWhite_4 Start: 2314, Stop: 2610, Start Num: 164

Candidate Starts for MissWhite_4:

(Start: 164 @2314 has 593 MA's),

Gene: Mkhuseli_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Mkhuseli_1:

(122, 537), (Start: 140 @573 has 2 MA's), (146, 582), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: Molly_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Molly_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Mollymur_10 Start: 5419, Stop: 5724, Start Num: 175

Candidate Starts for Mollymur_10:

(Start: 175 @5419 has 27 MA's), (228, 5590), (249, 5719),

Gene: Monet_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Monet_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: MoneyMay_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for MoneyMay_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Moose_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Moose_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (231, 773), (237, 809), (243, 845),

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: Moss_63 Start: 39802, Stop: 40044, Start Num: 189

Candidate Starts for Moss_63:

(Start: 164 @39742 has 593 MA's), (Start: 189 @39802 has 14 MA's), (Start: 192 @39808 has 1 MA's),

Gene: MrGordo_1 Start: 570, Stop: 905, Start Num: 141

Candidate Starts for MrGordo_1:

(123, 534), (Start: 141 @570 has 35 MA's), (147, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Mryolo_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Mryolo_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Muddy_67 Start: 46594, Stop: 46866, Start Num: 186

Candidate Starts for Muddy_67:

(126, 46465), (Start: 180 @46567 has 1 MA's), (Start: 186 @46594 has 1 MA's), (206, 46645), (224, 46702), (239, 46798),

Gene: Mudpuppy_68 Start: 43455, Stop: 43757, Start Num: 164

Candidate Starts for Mudpuppy_68:

(Start: 164 @43455 has 593 MA's), (185, 43506), (Start: 192 @43521 has 1 MA's), (215, 43572), (232, 43647), (248, 43746),

Gene: Mulciber_4 Start: 2359, Stop: 2655, Start Num: 164

Candidate Starts for Mulciber_4:

(Start: 164 @2359 has 593 MA's), (Start: 182 @2392 has 5 MA's), (202, 2449), (249, 2650),

Gene: Mule_1 Start: 595, Stop: 891, Start Num: 164

Candidate Starts for Mule_1:

(122, 532), (Start: 140 @568 has 2 MA's), (146, 577), (Start: 162 @592 has 29 MA's), (Start: 164 @595 has 593 MA's), (218, 718), (237, 808), (243, 844),

Gene: Munch_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Munch_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: MunkgeeRoachy_69 Start: 45602, Stop: 45892, Start Num: 172

Candidate Starts for MunkgeeRoachy_69:

(168, 45596), (Start: 172 @45602 has 22 MA's), (205, 45701),

Gene: Museum_3 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Museum_3:

(Start: 164 @748 has 593 MA's), (237, 961), (243, 997),

Gene: MyraDee_1 Start: 377, Stop: 667, Start Num: 166

Candidate Starts for MyraDee_1:

(Start: 166 @377 has 1 MA's), (Start: 192 @440 has 1 MA's), (220, 506), (241, 617),

Gene: Mysterium_62 Start: 39643, Stop: 39885, Start Num: 189

Candidate Starts for Mysterium_62:

(Start: 164 @39583 has 593 MA's), (Start: 189 @39643 has 14 MA's), (Start: 192 @39649 has 1 MA's),

Gene: Myxus_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Myxus_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: NEHalo_2 Start: 747, Stop: 1043, Start Num: 164

Candidate Starts for NEHalo_2:

(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: NaSiaTalie_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for NaSiaTalie_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Nabi_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Nabi_2:

(Start: 69 @591 has 1 MA's), (Start: 164 @726 has 593 MA's), (193, 798), (206, 828), (222, 879),

Gene: Naca_1 Start: 505, Stop: 804, Start Num: 162

Candidate Starts for Naca_1:

(Start: 162 @505 has 29 MA's), (Start: 173 @520 has 1 MA's), (211, 613), (241, 754), (249, 799),

Gene: Naira_1 Start: 606, Stop: 902, Start Num: 164

Candidate Starts for Naira_1:

(122, 543), (Start: 140 @579 has 2 MA's), (146, 588), (Start: 164 @606 has 593 MA's), (218, 729), (231, 783), (237, 819), (243, 855),

Gene: Nairb_57 Start: 40896, Stop: 41195, Start Num: 85

Candidate Starts for Nairb_57:

(36, 40761), (50, 40821), (Start: 85 @40896 has 6 MA's), (222, 41019),

Gene: Naji_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for Naji_4:

(Start: 164 @2345 has 593 MA's),

Gene: Nanodon_3 Start: 713, Stop: 1027, Start Num: 164

Candidate Starts for Nanodon_3:

(76, 602), (107, 632), (Start: 164 @713 has 593 MA's), (193, 785), (222, 869),

Gene: NearlyHeadless_1 Start: 505, Stop: 798, Start Num: 167

Candidate Starts for NearlyHeadless_1:

(Start: 167 @505 has 8 MA's), (229, 679), (243, 757), (249, 793),

Gene: Nebkiss_165 Start: 79421, Stop: 79717, Start Num: 175

Candidate Starts for Nebkiss_165:

(Start: 175 @79421 has 27 MA's), (Start: 189 @79466 has 14 MA's), (196, 79478), (219, 79532), (222, 79553), (223, 79568), (229, 79607), (232, 79616), (233, 79622),

Gene: Nebulosus_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Nebulosus_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Nedarya_4 Start: 2247, Stop: 2543, Start Num: 164

Candidate Starts for Nedarya_4:

(Start: 164 @2247 has 593 MA's),

Gene: Neeharika16_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Neeharika16_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Neobush_81 Start: 50518, Stop: 50853, Start Num: 131

Candidate Starts for Neobush_81:

(28, 50245), (Start: 131 @50518 has 27 MA's),

Gene: Nerdos_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Nerdos_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Nergal_81 Start: 54725, Stop: 55063, Start Num: 182

Candidate Starts for Nergal_81:

(Start: 182 @54725 has 5 MA's), (213, 54815), (215, 54824), (226, 54905),

Gene: Nerujay_1 Start: 598, Stop: 906, Start Num: 164

Candidate Starts for Nerujay_1:

(123, 535), (Start: 141 @571 has 35 MA's), (147, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Nette_66 Start: 41850, Stop: 42134, Start Num: 87

Candidate Starts for Nette_66:

(24, 41607), (87, 41850), (229, 41997),

Gene: Newrala_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Newrala_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Nhonho_2 Start: 746, Stop: 1042, Start Num: 164

Candidate Starts for Nhonho_2:

(Start: 164 @746 has 593 MA's), (237, 959), (243, 995),

Gene: Nibbles_67 Start: 45280, Stop: 45597, Start Num: 172

Candidate Starts for Nibbles_67:

(Start: 172 @45280 has 22 MA's), (222, 45418), (236, 45487),

Gene: NicoleTera_4 Start: 2315, Stop: 2611, Start Num: 164

Candidate Starts for NicoleTera_4:

(Start: 164 @2315 has 593 MA's),

Gene: Niobe_69 Start: 43234, Stop: 43536, Start Num: 164

Candidate Starts for Niobe_69:

(Start: 164 @43234 has 593 MA's), (185, 43285), (Start: 192 @43300 has 1 MA's), (215, 43351), (232, 43426), (248, 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 47 MA's), (220, 796), (228, 829),

Gene: Nitro_70 Start: 44009, Stop: 44311, Start Num: 164

Candidate Starts for Nitro_70:

(Start: 164 @44009 has 593 MA's), (Start: 192 @44075 has 1 MA's), (215, 44126), (232, 44201), (248, 44300),

Gene: Niza_3 Start: 1297, Stop: 1593, Start Num: 164

Candidate Starts for Niza_3:

(Start: 130 @1249 has 1 MA's), (Start: 164 @1297 has 593 MA's), (218, 1420), (243, 1546),

Gene: NoShow_74 Start: 49650, Stop: 49970, Start Num: 176

Candidate Starts for NoShow_74:

(Start: 176 @49650 has 3 MA's), (Start: 190 @49707 has 1 MA's), (232, 49839),

Gene: NoSwimming_59 Start: 40976, Stop: 41329, Start Num: 129

Candidate Starts for NoSwimming_59:

(Start: 129 @40976 has 3 MA's), (181, 41072), (229, 41240), (238, 41285),

Gene: Nodigi_74 Start: 46877, Stop: 47185, Start Num: 172

Candidate Starts for Nodigi_74:

(142, 46838), (168, 46868), (Start: 172 @46877 has 22 MA's), (184, 46922), (199, 46961), (205, 46976), (210, 46985), (222, 47024), (225, 47048), (228, 47057),

Gene: Noella_1 Start: 445, Stop: 741, Start Num: 164

Candidate Starts for Noella_1:

(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Norvs_14 Start: 3268, Stop: 3576, Start Num: 175

Candidate Starts for Norvs_14:

(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

Gene: Norz_2 Start: 745, Stop: 1041, Start Num: 164

Candidate Starts for Norz_2:

(Start: 164 @745 has 593 MA's), (218, 868), (237, 958), (243, 994),

Gene: Noxious_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Noxious_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Nymphadora_84 Start: 53045, Stop: 53380, Start Num: 131

Candidate Starts for Nymphadora_84:

(28, 52772), (Start: 131 @53045 has 27 MA's), (216, 53231),

Gene: OKCentral2016_1 Start: 464, Stop: 760, Start Num: 145

Candidate Starts for OKCentral2016_1:

(93, 377), (Start: 145 @464 has 15 MA's),

Gene: ObiToo_74 Start: 43593, Stop: 43895, Start Num: 164

Candidate Starts for ObiToo_74:

(Start: 164 @43593 has 593 MA's), (232, 43785), (248, 43884),

Gene: Odin_3 Start: 2153, Stop: 2449, Start Num: 164

Candidate Starts for Odin_3:

(Start: 164 @2153 has 593 MA's), (234, 2348),

Gene: Ohno789_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Ohno789_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: OlanP_1 Start: 710, Stop: 1003, Start Num: 164

Candidate Starts for OlanP_1:

(Start: 164 @710 has 593 MA's), (Start: 192 @776 has 1 MA's),

Gene: Oliynyk_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for Oliynyk_2:

(107, 668), (Start: 164 @746 has 593 MA's), (222, 902),

Gene: Ollie_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Ollie_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 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 47 MA's), (220, 795), (228, 828),

Gene: OneUp_9 Start: 2116, Stop: 2424, Start Num: 175

Candidate Starts for OneUp_9:

(136, 2056), (Start: 175 @2116 has 27 MA's), (228, 2290), (235, 2326),

Gene: Oofda_4 Start: 2282, Stop: 2578, Start Num: 164

Candidate Starts for Oofda_4:

(108, 2186), (Start: 164 @2282 has 593 MA's), (202, 2372),

Gene: Oogway_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Oogway_1:

(Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (243, 847),

Gene: Orange_4 Start: 2389, Stop: 2652, Start Num: 182

Candidate Starts for Orange_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Orla_75 Start: 47026, Stop: 47334, Start Num: 172

Candidate Starts for Orla_75:

(168, 47017), (Start: 172 @47026 has 22 MA's), (184, 47071), (199, 47110), (205, 47125), (210, 47134), (222, 47173), (225, 47197), (228, 47206),

Gene: Ozzie_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for Ozzie_2:

(Start: 164 @739 has 593 MA's), (222, 895),

Gene: OzzyJ_3 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for OzzyJ_3:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: P28Green_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for P28Green_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: PGHhamlin_3 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for PGHhamlin_3:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: PSullivan_2 Start: 834, Stop: 1130, Start Num: 164

Candidate Starts for PSullivan_2:

(Start: 130 @786 has 1 MA's), (Start: 164 @834 has 593 MA's), (218, 957), (237, 1047), (243, 1083),

Gene: Pablito_2 Start: 689, Stop: 1003, Start Num: 165

Candidate Starts for Pablito_2:

(Start: 165 @689 has 47 MA's), (220, 833), (222, 845), (228, 866),

Gene: PacerPaul_2 Start: 835, Stop: 1131, Start Num: 164

Candidate Starts for PacerPaul_2:

(Start: 130 @787 has 1 MA's), (Start: 164 @835 has 593 MA's), (218, 958), (237, 1048), (243, 1084),

Gene: PackMan_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for PackMan_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Paedore_3 Start: 682, Stop: 996, Start Num: 165

Candidate Starts for Paedore_3:

(Start: 112 @604 has 1 MA's), (157, 673), (Start: 165 @682 has 47 MA's), (220, 826), (222, 838),

Gene: PainterBoy_4 Start: 2125, Stop: 2418, Start Num: 161

Candidate Starts for PainterBoy_4:

(Start: 161 @2125 has 33 MA's), (Start: 192 @2191 has 1 MA's), (211, 2227), (218, 2245), (220, 2257),

Gene: Paolo_3 Start: 1034, Stop: 1348, Start Num: 165

Candidate Starts for Paolo_3:

(71, 881), (Start: 112 @962 has 1 MA's), (Start: 156 @1028 has 1 MA's), (Start: 165 @1034 has 47 MA's), (Start: 192 @1103 has 1 MA's), (220, 1178),

Gene: Papez_2 Start: 785, Stop: 1129, Start Num: 130

Candidate Starts for Papez_2:

(Start: 130 @785 has 1 MA's), (Start: 164 @833 has 593 MA's), (197, 908), (218, 956), (237, 1046), (243, 1082),

Gene: Paphu_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Paphu_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Paraselene_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Paraselene_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Pari_2 Start: 735, Stop: 1031, Start Num: 164

Candidate Starts for Pari_2:

(Start: 164 @735 has 593 MA's), (218, 858), (237, 948), (243, 984),

Gene: Parliament_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Parliament_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: PascalRango_2 Start: 747, Stop: 1043, Start Num: 164

Candidate Starts for PascalRango_2:

(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: PattyP_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for PattyP_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Pavo_3 Start: 974, Stop: 1288, Start Num: 165

Candidate Starts for Pavo_3:

(54, 770), (55, 773), (70, 815), (72, 824), (101, 875), (157, 968), (Start: 165 @974 has 47 MA's), (Start: 192 @1043 has 1 MA's), (220, 1118), (228, 1151),

Gene: Pawn_1 Start: 522, Stop: 824, Start Num: 141

Candidate Starts for Pawn_1:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Payneful_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Payneful_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: PeaceMeal1_1 Start: 474, Stop: 770, Start Num: 145

Candidate Starts for PeaceMeal1_1:

(47, 270), (Start: 145 @474 has 15 MA's), (220, 609),

Gene: Pelly_2 Start: 782, Stop: 1078, Start Num: 164

Candidate Starts for Pelly_2:

(Start: 164 @782 has 593 MA's), (218, 905), (237, 995), (243, 1031),

Gene: Pembroke_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Pembroke_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Penny1_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Penny1_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Pepe_2 Start: 860, Stop: 1165, Start Num: 164

Candidate Starts for Pepe_2:

(Start: 130 @812 has 1 MA's), (Start: 164 @860 has 593 MA's), (218, 983), (237, 1073), (243, 1109),

Gene: Percival_75 Start: 46934, Stop: 47236, Start Num: 164

Candidate Starts for Percival_75:

(Start: 164 @46934 has 593 MA's), (Start: 192 @47000 has 1 MA's), (215, 47051), (220, 47075),

Gene: Perseus_1 Start: 595, Stop: 891, Start Num: 164

Candidate Starts for Perseus_1:

(122, 532), (Start: 140 @568 has 2 MA's), (146, 577), (Start: 162 @592 has 29 MA's), (Start: 164 @595 has 593 MA's), (218, 718), (237, 808), (243, 844),

Gene: Peterson_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Peterson_1:

(Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Petp2012_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Petp2012_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Petruchio_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Petruchio_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: PetterN_1 Start: 502, Stop: 801, Start Num: 162

Candidate Starts for PetterN_1:

(Start: 162 @502 has 29 MA's), (Start: 173 @517 has 1 MA's), (211, 610), (241, 751), (249, 796),

Gene: Ph8s_4 Start: 2160, Stop: 2456, Start Num: 164

Candidate Starts for Ph8s_4:

(Start: 114 @2076 has 1 MA's), (Start: 164 @2160 has 593 MA's), (228, 2328),

Gene: Phaded_4 Start: 2109, Stop: 2405, Start Num: 164
Candidate Starts for Phaded_4:
(Start: 164 @2109 has 593 MA's), (205, 2208), (234, 2304),

Gene: Phaeder_4 Start: 2335, Stop: 2628, Start Num: 161
Candidate Starts for Phaeder_4:
(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Phantastic_1 Start: 425, Stop: 721, Start Num: 144
Candidate Starts for Phantastic_1:
(143, 422), (Start: 144 @425 has 3 MA's), (220, 560),

Gene: Pharaoh_4 Start: 2218, Stop: 2514, Start Num: 162
Candidate Starts for Pharaoh_4:
(Start: 162 @2218 has 29 MA's), (217, 2335),

Gene: PherrisBueller_2 Start: 863, Stop: 1171, Start Num: 164
Candidate Starts for PherrisBueller_2:
(Start: 130 @815 has 1 MA's), (Start: 164 @863 has 593 MA's), (218, 986), (237, 1076), (243, 1112),

Gene: Phettuccine_2 Start: 740, Stop: 1054, Start Num: 164
Candidate Starts for Phettuccine_2:
(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Phillis_1 Start: 505, Stop: 798, Start Num: 167
Candidate Starts for Phillis_1:
(Start: 167 @505 has 8 MA's), (202, 592), (229, 679), (243, 757), (249, 793),

Gene: PhineBark_1 Start: 599, Stop: 895, Start Num: 164
Candidate Starts for PhineBark_1:
(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722),
(237, 812), (243, 848),

Gene: PhinkBoden_15 Start: 3766, Stop: 4074, Start Num: 175
Candidate Starts for PhinkBoden_15:
(148, 3736), (Start: 175 @3766 has 27 MA's), (242, 4030),

Gene: PhishRPhriends_1 Start: 531, Stop: 824, Start Num: 164
Candidate Starts for PhishRPhriends_1:
(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Phives_70 Start: 43835, Stop: 44137, Start Num: 164
Candidate Starts for Phives_70:
(Start: 164 @43835 has 593 MA's), (Start: 192 @43901 has 1 MA's), (215, 43952), (232, 44027), (248, 44126),

Gene: Phlippers_1 Start: 598, Stop: 894, Start Num: 164
Candidate Starts for Phlippers_1:
(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721),
(237, 811), (243, 847),

Gene: Phlorence_1 Start: 534, Stop: 833, Start Num: 162
Candidate Starts for Phlorence_1:

(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: Phoebe_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Phoebe_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Phonnegut_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Phonnegut_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Phoxy_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Phoxy_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Phranny_2 Start: 531, Stop: 824, Start Num: 164

Candidate Starts for Phranny_2:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: PickleBack_1 Start: 535, Stop: 834, Start Num: 162

Candidate Starts for PickleBack_1:

(Start: 162 @535 has 29 MA's), (211, 643), (229, 715), (241, 784), (249, 829),

Gene: PinkPlastic_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for PinkPlastic_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (231, 774), (237, 810), (243, 846),

Gene: Pioneer_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Pioneer_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Pippin_2 Start: 749, Stop: 1057, Start Num: 164

Candidate Starts for Pippin_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: Piro94_4 Start: 2628, Stop: 2924, Start Num: 164

Candidate Starts for Piro94_4:

(63, 2427), (Start: 164 @2628 has 593 MA's),

Gene: Pistachio_1 Start: 420, Stop: 716, Start Num: 164

Candidate Starts for Pistachio_1:

(Start: 164 @420 has 593 MA's), (220, 555),

Gene: Pita2_2 Start: 834, Stop: 1130, Start Num: 164

Candidate Starts for Pita2_2:

(Start: 130 @786 has 1 MA's), (Start: 164 @834 has 593 MA's), (218, 957), (237, 1047), (243, 1083),

Gene: Pixelle_68 Start: 43980, Stop: 44282, Start Num: 164

Candidate Starts for Pixelle_68:

(Start: 164 @43980 has 593 MA's), (Start: 192 @44046 has 1 MA's), (215, 44097), (232, 44172), (248, 44271),

Gene: Pmask_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Pmask_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Pocahontas_1 Start: 445, Stop: 741, Start Num: 164
Candidate Starts for Pocahontas_1:
(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Pollux_82 Start: 52125, Stop: 52415, Start Num: 179
Candidate Starts for Pollux_82:
(10, 51612), (26, 51762), (29, 51771), (33, 51798), (35, 51816), (41, 51840), (52, 51879), (57, 51891),
(60, 51894), (118, 52029), (Start: 179 @52125 has 22 MA's),

Gene: Polly_76 Start: 49393, Stop: 49728, Start Num: 131
Candidate Starts for Polly_76:
(28, 49120), (Start: 131 @49393 has 27 MA's),

Gene: Polyphemus_4 Start: 2145, Stop: 2441, Start Num: 164
Candidate Starts for Polyphemus_4:
(Start: 164 @2145 has 593 MA's), (220, 2280),

Gene: Pomar16_4 Start: 2345, Stop: 2641, Start Num: 164
Candidate Starts for Pomar16_4:
(Start: 164 @2345 has 593 MA's),

Gene: Pons_74 Start: 47664, Stop: 47978, Start Num: 155
Candidate Starts for Pons_74:
(146, 47652), (Start: 155 @47664 has 9 MA's), (207, 47763), (231, 47850),

Gene: Poompha_1 Start: 472, Stop: 768, Start Num: 145
Candidate Starts for Poompha_1:
(43, 247), (Start: 145 @472 has 15 MA's), (220, 607),

Gene: Posh_79 Start: 51944, Stop: 52234, Start Num: 179
Candidate Starts for Posh_79:
(Start: 141 @51887 has 35 MA's), (Start: 144 @51893 has 3 MA's), (Start: 179 @51944 has 22 MA's),

Gene: PotPie_71 Start: 47864, Stop: 48178, Start Num: 155
Candidate Starts for PotPie_71:
(146, 47852), (Start: 155 @47864 has 9 MA's), (Start: 172 @47888 has 22 MA's), (195, 47957), (236, 48074),

Gene: PotatoSplit_2 Start: 517, Stop: 819, Start Num: 141
Candidate Starts for PotatoSplit_2:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Poushou_54 Start: 39982, Stop: 40287, Start Num: 171
Candidate Starts for Poushou_54:
(Start: 171 @39982 has 3 MA's), (198, 40057), (205, 40078), (228, 40159),

Gene: Power_5 Start: 2567, Stop: 2863, Start Num: 164
Candidate Starts for Power_5:
(Start: 164 @2567 has 593 MA's), (218, 2690),

Gene: PowerRanger_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for PowerRanger_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (231, 774), (237, 810), (243, 846),

Gene: Powerpuff_71 Start: 44281, Stop: 44583, Start Num: 164

Candidate Starts for Powerpuff_71:

(Start: 164 @44281 has 593 MA's), (185, 44332), (Start: 192 @44347 has 1 MA's), (215, 44398), (232, 44473), (248, 44572),

Gene: Priamo_4 Start: 2158, Stop: 2454, Start Num: 164

Candidate Starts for Priamo_4:

(Start: 164 @2158 has 593 MA's), (220, 2293),

Gene: Priya_4 Start: 2332, Stop: 2625, Start Num: 161

Candidate Starts for Priya_4:

(Start: 135 @2305 has 3 MA's), (Start: 161 @2332 has 33 MA's), (211, 2434), (218, 2452),

Gene: ProMouse_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for ProMouse_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (243, 845),

Gene: Provolone_4 Start: 978, Stop: 1292, Start Num: 165

Candidate Starts for Provolone_4:

(70, 825), (86, 858), (88, 864), (93, 870), (157, 972), (Start: 165 @978 has 47 MA's), (Start: 192 @1047 has 1 MA's), (220, 1122), (228, 1155),

Gene: Puginator_3 Start: 1036, Stop: 1350, Start Num: 165

Candidate Starts for Puginator_3:

(71, 883), (Start: 112 @964 has 1 MA's), (Start: 156 @1030 has 1 MA's), (Start: 165 @1036 has 47 MA's), (Start: 192 @1105 has 1 MA's), (220, 1180),

Gene: Pukovnik_4 Start: 2088, Stop: 2384, Start Num: 164

Candidate Starts for Pukovnik_4:

(Start: 164 @2088 has 593 MA's), (234, 2283),

Gene: Puppet_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Puppet_1:

(Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Puppy_1 Start: 420, Stop: 716, Start Num: 164

Candidate Starts for Puppy_1:

(Start: 164 @420 has 593 MA's), (220, 555),

Gene: PurpleHaze_1 Start: 522, Stop: 824, Start Num: 141

Candidate Starts for PurpleHaze_1:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: Pytheas_83 Start: 53170, Stop: 53460, Start Num: 179

Candidate Starts for Pytheas_83:

(Start: 141 @53113 has 35 MA's), (Start: 144 @53119 has 3 MA's), (Start: 179 @53170 has 22 MA's),

Gene: QTRLifeCrisis_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for QTRLifeCrisis_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Qobbit_4 Start: 2305, Stop: 2625, Start Num: 135

Candidate Starts for Qobbit_4:

(Start: 135 @2305 has 3 MA's), (Start: 161 @2332 has 33 MA's), (211, 2434), (218, 2452),

Gene: Quasar_71 Start: 46628, Stop: 46939, Start Num: 158

Candidate Starts for Quasar_71:

(Start: 158 @46628 has 2 MA's), (Start: 172 @46649 has 22 MA's), (205, 46748),

Gene: QueenB2_5 Start: 2671, Stop: 2967, Start Num: 164

Candidate Starts for QueenB2_5:

(Start: 164 @2671 has 593 MA's), (218, 2794),

Gene: QueenBeesly_5 Start: 2568, Stop: 2864, Start Num: 164

Candidate Starts for QueenBeesly_5:

(Start: 164 @2568 has 593 MA's), (218, 2691),

Gene: R4_1 Start: 671, Stop: 985, Start Num: 165

Candidate Starts for R4_1:

(58, 464), (Start: 112 @593 has 1 MA's), (157, 662), (Start: 165 @671 has 47 MA's), (220, 815), (222, 827),

Gene: Rachaly_5 Start: 2538, Stop: 2834, Start Num: 164

Candidate Starts for Rachaly_5:

(Start: 164 @2538 has 593 MA's),

Gene: Rahalelujah_4 Start: 2102, Stop: 2395, Start Num: 161

Candidate Starts for Rahalelujah_4:

(Start: 161 @2102 has 33 MA's), (211, 2204), (218, 2222),

Gene: Raid_3 Start: 783, Stop: 1079, Start Num: 164

Candidate Starts for Raid_3:

(Start: 164 @783 has 593 MA's), (218, 906), (237, 996), (243, 1032),

Gene: Rajelicia_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Rajelicia_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Rana_2 Start: 726, Stop: 1037, Start Num: 164

Candidate Starts for Rana_2:

(Start: 69 @591 has 1 MA's), (Start: 164 @726 has 593 MA's), (193, 798), (206, 828), (222, 879),

Gene: RanchParmCat_74 Start: 46910, Stop: 47206, Start Num: 172

Candidate Starts for RanchParmCat_74:

(168, 46901), (Start: 172 @46910 has 22 MA's), (184, 46955), (205, 47009), (222, 47045),

Gene: RavenCo17_74 Start: 49279, Stop: 49611, Start Num: 131

Candidate Starts for RavenCo17_74:

(Start: 131 @49279 has 27 MA's), (194, 49411),

Gene: ReMo_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for ReMo_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: Reba_2 Start: 531, Stop: 824, Start Num: 164

Candidate Starts for Reba_2:

(Start: 141 @522 has 35 MA's), (Start: 164 @531 has 593 MA's), (Start: 192 @597 has 1 MA's),

Gene: RedBear_3 Start: 726, Stop: 1040, Start Num: 164

Candidate Starts for RedBear_3:

(67, 582), (Start: 164 @726 has 593 MA's), (193, 798), (222, 882),

Gene: RedRock_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for RedRock_4:

(Start: 164 @2278 has 593 MA's), (218, 2401),

Gene: Reedo_68 Start: 41440, Stop: 41742, Start Num: 164

Candidate Starts for Reedo_68:

(Start: 164 @41440 has 593 MA's), (Start: 189 @41500 has 14 MA's), (Start: 192 @41506 has 1 MA's), (215, 41557), (232, 41632), (248, 41731), (249, 41734),

Gene: Refuge_4 Start: 2250, Stop: 2546, Start Num: 164

Candidate Starts for Refuge_4:

(Start: 164 @2250 has 593 MA's),

Gene: Remus_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Remus_4:

(Start: 164 @2278 has 593 MA's),

Gene: Renaud18_112 Start: 57550, Stop: 57837, Start Num: 179

Candidate Starts for Renaud18_112:

(17, 57079), (46, 57280), (62, 57319), (81, 57385), (84, 57388), (Start: 144 @57499 has 3 MA's), (Start: 179 @57550 has 22 MA's),

Gene: ResDef_1 Start: 445, Stop: 741, Start Num: 164

Candidate Starts for ResDef_1:

(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Retro23_5 Start: 2671, Stop: 2967, Start Num: 164

Candidate Starts for Retro23_5:

(Start: 164 @2671 has 593 MA's), (218, 2794),

Gene: RhynO_1 Start: 474, Stop: 770, Start Num: 145

Candidate Starts for RhynO_1:

(Start: 145 @474 has 15 MA's), (220, 609),

Gene: Rhynn_1 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Rhynn_1:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: RidgeCB_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for RidgeCB_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Rifter_4 Start: 2132, Stop: 2428, Start Num: 164

Candidate Starts for Rifter_4:

(Start: 164 @2132 has 593 MA's), (220, 2267),

Gene: Ringer_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Ringer_1:

(Start: 140 @570 has 2 MA's), (146, 579), (Start: 162 @594 has 29 MA's), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Roary_1 Start: 505, Stop: 798, Start Num: 167

Candidate Starts for Roary_1:

(Start: 167 @505 has 8 MA's), (202, 592), (229, 679), (243, 757), (249, 793),

Gene: RockScotty_62 Start: 39638, Stop: 39880, Start Num: 189

Candidate Starts for RockScotty_62:

(Start: 164 @39578 has 593 MA's), (Start: 189 @39638 has 14 MA's), (Start: 192 @39644 has 1 MA's),

Gene: Rohr_2 Start: 832, Stop: 1128, Start Num: 164

Candidate Starts for Rohr_2:

(Start: 130 @784 has 1 MA's), (Start: 164 @832 has 593 MA's), (218, 955), (237, 1045), (243, 1081),

Gene: Roksolana_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Roksolana_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: RonRayGun_59 Start: 41099, Stop: 41398, Start Num: 85

Candidate Starts for RonRayGun_59:

(Start: 85 @41099 has 6 MA's), (222, 41222),

Gene: RootBeer_55 Start: 38956, Stop: 39309, Start Num: 129

Candidate Starts for RootBeer_55:

(79, 38890), (Start: 129 @38956 has 3 MA's), (200, 39118), (210, 39139),

Gene: Rosalind_4 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for Rosalind_4:

(Start: 164 @2425 has 593 MA's), (202, 2515),

Gene: Rubeus_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Rubeus_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Rufus_2 Start: 747, Stop: 1043, Start Num: 164

Candidate Starts for Rufus_2:

(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: Rummer_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for Rummer_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Ruotula_2 Start: 1335, Stop: 1625, Start Num: 178

Candidate Starts for Ruotula_2:

(20, 900), (35, 1008), (37, 1017), (86, 1173), (90, 1182), (91, 1185), (Start: 178 @1335 has 3 MA's), (184, 1362), (237, 1542), (243, 1578),

Gene: Rusticus_2 Start: 746, Stop: 1060, Start Num: 164

Candidate Starts for Rusticus_2:

(107, 668), (Start: 164 @746 has 593 MA's), (222, 902),

Gene: Rutherferd_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for Rutherferd_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: RyeScarlet_5 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for RyeScarlet_5:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: SPB78_77 Start: 49993, Stop: 50292, Start Num: 163

Candidate Starts for SPB78_77:

(163, 49993), (185, 50050), (214, 50110),

Gene: STLscum_2 Start: 861, Stop: 1166, Start Num: 164

Candidate Starts for STLscum_2:

(Start: 130 @813 has 1 MA's), (Start: 164 @861 has 593 MA's), (218, 984), (237, 1074), (243, 1110),

Gene: Sabia_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for Sabia_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Sabinator_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Sabinator_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Saftant_2 Start: 978, Stop: 1292, Start Num: 165

Candidate Starts for Saftant_2:

(73, 831), (87, 855), (94, 864), (157, 969), (160, 972), (Start: 165 @978 has 47 MA's), (220, 1122),

Gene: Sagefire_2 Start: 699, Stop: 995, Start Num: 164

Candidate Starts for Sagefire_2:

(Start: 164 @699 has 593 MA's), (218, 822), (237, 912), (243, 948),

Gene: Saintus_1 Start: 505, Stop: 798, Start Num: 167

Candidate Starts for Saintus_1:

(Start: 167 @505 has 8 MA's), (202, 592), (229, 679), (243, 757), (249, 793),

Gene: Salz_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for Salz_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Samy_101 Start: 60454, Stop: 60759, Start Num: 164

Candidate Starts for Samy_101:

(Start: 164 @60454 has 593 MA's), (205, 60550), (215, 60571), (220, 60595), (228, 60628), (244, 60712), (246, 60718),

Gene: Sanya_1 Start: 1334, Stop: 1624, Start Num: 178

Candidate Starts for Sanya_1:

(20, 899), (37, 1016), (86, 1172), (90, 1181), (91, 1184), (Start: 178 @1334 has 3 MA's), (184, 1361), (237, 1541), (243, 1577),

Gene: SarFire_2 Start: 757, Stop: 1053, Start Num: 164

Candidate Starts for SarFire_2:

(Start: 164 @757 has 593 MA's), (218, 880), (237, 970), (243, 1006),

Gene: SarahRose_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for SarahRose_2:

(Start: 69 @588 has 1 MA's), (82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (222, 882),

Gene: Scherzo_4 Start: 2335, Stop: 2628, Start Num: 161

Candidate Starts for Scherzo_4:

(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Scorpia_1 Start: 502, Stop: 801, Start Num: 162

Candidate Starts for Scorpia_1:

(Start: 162 @502 has 29 MA's), (Start: 173 @517 has 1 MA's), (211, 610), (241, 751), (249, 796),

Gene: Scotia_58 Start: 39984, Stop: 40337, Start Num: 129

Candidate Starts for Scotia_58:

(Start: 129 @39984 has 3 MA's), (181, 40080), (229, 40248), (238, 40293),

Gene: Scout_1 Start: 416, Stop: 712, Start Num: 144

Candidate Starts for Scout_1:

(77, 293), (Start: 140 @410 has 2 MA's), (Start: 144 @416 has 3 MA's), (220, 551),

Gene: Scowl_2 Start: 986, Stop: 1294, Start Num: 164

Candidate Starts for Scowl_2:

(Start: 164 @986 has 593 MA's), (218, 1109), (237, 1199), (243, 1235),

Gene: Seabiscuit_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for Seabiscuit_2:

(Start: 164 @749 has 593 MA's), (218, 872), (231, 926), (237, 962), (243, 998),

Gene: Seanderson_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Seanderson_1:

(122, 537), (Start: 140 @573 has 2 MA's), (146, 582), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: SemperFi_5 Start: 2562, Stop: 2858, Start Num: 164

Candidate Starts for SemperFi_5:

(Start: 164 @2562 has 593 MA's), (218, 2685),

Gene: Serenity_4 Start: 2328, Stop: 2624, Start Num: 164

Candidate Starts for Serenity_4:

(Start: 164 @2328 has 593 MA's),

Gene: Severus_1 Start: 472, Stop: 768, Start Num: 145

Candidate Starts for Severus_1:

(43, 247), (Start: 145 @472 has 15 MA's), (220, 607),

Gene: ShakeltOph_70 Start: 43243, Stop: 43605, Start Num: 164

Candidate Starts for ShakeltOph_70:

(87, 43126), (Start: 164 @43243 has 593 MA's), (Start: 189 @43312 has 14 MA's), (Start: 192 @43318 has 1 MA's), (245, 43513), (251, 43555),

Gene: Sham4_4 Start: 2359, Stop: 2655, Start Num: 164

Candidate Starts for Sham4_4:

(Start: 164 @2359 has 593 MA's), (Start: 182 @2392 has 5 MA's), (202, 2449), (249, 2650),

Gene: ShayRa_5 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for ShayRa_5:

(Start: 164 @2425 has 593 MA's), (202, 2515),

Gene: SheaKeira_4 Start: 2123, Stop: 2416, Start Num: 161

Candidate Starts for SheaKeira_4:

(Start: 161 @2123 has 33 MA's), (202, 2210), (211, 2225), (218, 2243),

Gene: Sheen_1 Start: 397, Stop: 693, Start Num: 153

Candidate Starts for Sheen_1:

(94, 301), (Start: 153 @397 has 1 MA's), (241, 643),

Gene: ShortQueendom_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for ShortQueendom_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Sibs6_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Sibs6_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Skelbel_70 Start: 43234, Stop: 43536, Start Num: 164

Candidate Starts for Skelbel_70:

(Start: 164 @43234 has 593 MA's), (185, 43285), (Start: 192 @43300 has 1 MA's), (215, 43351), (232, 43426), (248, 43525),

Gene: SkiPole_2 Start: 861, Stop: 1166, Start Num: 164

Candidate Starts for SkiPole_2:

(Start: 130 @813 has 1 MA's), (Start: 164 @861 has 593 MA's), (218, 984), (237, 1074), (243, 1110),

Gene: Sknot_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for Sknot_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Slagathor_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Slagathor_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Smairt_1 Start: 595, Stop: 891, Start Num: 164

Candidate Starts for Smairt_1:

(122, 532), (Start: 140 @568 has 2 MA's), (146, 577), (Start: 162 @592 has 29 MA's), (Start: 164 @595 has 593 MA's), (218, 718), (237, 808), (243, 844),

Gene: Smeadley_1 Start: 505, Stop: 798, Start Num: 167
Candidate Starts for Smeadley_1:
(Start: 167 @505 has 8 MA's), (202, 592), (229, 679), (243, 757), (249, 793),

Gene: Smeagan_5 Start: 2550, Stop: 2846, Start Num: 164
Candidate Starts for Smeagan_5:
(Start: 164 @2550 has 593 MA's), (218, 2673),

Gene: Smeagol_1 Start: 596, Stop: 892, Start Num: 164
Candidate Starts for Smeagol_1:
(Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: SmellyB_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for SmellyB_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Smoothie_14 Start: 3268, Stop: 3576, Start Num: 175
Candidate Starts for Smoothie_14:
(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

Gene: SnapTap_5 Start: 2567, Stop: 2863, Start Num: 164
Candidate Starts for SnapTap_5:
(Start: 164 @2567 has 593 MA's), (218, 2690),

Gene: Snape_4 Start: 2362, Stop: 2658, Start Num: 164
Candidate Starts for Snape_4:
(Start: 164 @2362 has 593 MA's), (Start: 182 @2395 has 5 MA's), (202, 2452), (249, 2653),

Gene: Snazzy_1 Start: 595, Stop: 891, Start Num: 164
Candidate Starts for Snazzy_1:
(122, 532), (Start: 140 @568 has 2 MA's), (146, 577), (Start: 164 @595 has 593 MA's), (218, 718), (237, 808), (243, 844),

Gene: Snek_68 Start: 40495, Stop: 40800, Start Num: 164
Candidate Starts for Snek_68:
(Start: 164 @40495 has 593 MA's), (Start: 189 @40555 has 14 MA's), (Start: 192 @40561 has 1 MA's), (215, 40612), (248, 40786),

Gene: Snickers_1 Start: 526, Stop: 819, Start Num: 164
Candidate Starts for Snickers_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Snorlax_2 Start: 729, Stop: 1040, Start Num: 164
Candidate Starts for Snorlax_2:
(Start: 69 @588 has 1 MA's), (82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (222, 882),

Gene: SoilDragon_1 Start: 517, Stop: 819, Start Num: 141
Candidate Starts for SoilDragon_1:
(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Solon_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Solon_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Soondubu_62 Start: 44779, Stop: 45078, Start Num: 164

Candidate Starts for Soondubu_62:

(80, 44641), (Start: 164 @44779 has 593 MA's), (Start: 192 @44845 has 1 MA's), (215, 44896), (248, 45070),

Gene: Sooty_63 Start: 39748, Stop: 39990, Start Num: 189

Candidate Starts for Sooty_63:

(Start: 164 @39688 has 593 MA's), (Start: 189 @39748 has 14 MA's), (Start: 192 @39754 has 1 MA's),

Gene: SororFago_4 Start: 2399, Stop: 2695, Start Num: 164

Candidate Starts for SororFago_4:

(Start: 164 @2399 has 593 MA's), (215, 2510),

Gene: Sorpresa_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Sorpresa_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 164 @599 has 593 MA's), (Start: 182 @632 has 5 MA's), (218, 722), (237, 812), (243, 848),

Gene: Soshari_3 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for Soshari_3:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Soups_4 Start: 2425, Stop: 2721, Start Num: 164

Candidate Starts for Soups_4:

(Start: 164 @2425 has 593 MA's),

Gene: South40_2 Start: 726, Stop: 1040, Start Num: 164

Candidate Starts for South40_2:

(67, 582), (Start: 164 @726 has 593 MA's), (193, 798), (222, 882),

Gene: Sparky_95 Start: 62955, Stop: 63257, Start Num: 176

Candidate Starts for Sparky_95:

(64, 62730), (104, 62826), (111, 62841), (119, 62859), (139, 62895), (Start: 141 @62901 has 35 MA's), (Start: 176 @62955 has 3 MA's), (184, 62988), (252, 63246),

Gene: SpecialK_63 Start: 39717, Stop: 39953, Start Num: 192

Candidate Starts for SpecialK_63:

(Start: 164 @39651 has 593 MA's), (Start: 189 @39711 has 14 MA's), (Start: 192 @39717 has 1 MA's),

Gene: SpeedDemon_90 Start: 4494, Stop: 4802, Start Num: 175

Candidate Starts for SpeedDemon_90:

(Start: 175 @4494 has 27 MA's), (197, 4566), (221, 4632),

Gene: Speedwell_3 Start: 947, Stop: 1261, Start Num: 165

Candidate Starts for Speedwell_3:

(49, 725), (65, 764), (157, 938), (160, 941), (Start: 165 @947 has 47 MA's), (220, 1091),

Gene: Spike509_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Spike509_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: SpikeBT_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for SpikeBT_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 845),

Gene: Spouty_4 Start: 2332, Stop: 2625, Start Num: 161

Candidate Starts for Spouty_4:

(Start: 135 @2305 has 3 MA's), (Start: 161 @2332 has 33 MA's), (211, 2434), (218, 2452),

Gene: SqueakyClean_3 Start: 1027, Stop: 1341, Start Num: 165

Candidate Starts for SqueakyClean_3:

(Start: 165 @1027 has 47 MA's), (Start: 192 @1096 has 1 MA's), (220, 1171),

Gene: Squee_1 Start: 606, Stop: 902, Start Num: 164

Candidate Starts for Squee_1:

(122, 543), (Start: 140 @579 has 2 MA's), (146, 588), (Start: 164 @606 has 593 MA's), (218, 729), (237, 819), (243, 855),

Gene: Stagni_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for Stagni_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: StarStuff_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for StarStuff_4:

(Start: 164 @2345 has 593 MA's),

Gene: Steamy_4 Start: 2222, Stop: 2518, Start Num: 164

Candidate Starts for Steamy_4:

(Start: 164 @2222 has 593 MA's), (Start: 192 @2288 has 1 MA's),

Gene: StepMih_1 Start: 527, Stop: 820, Start Num: 164

Candidate Starts for StepMih_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Stephig9_1 Start: 506, Stop: 799, Start Num: 167

Candidate Starts for Stephig9_1:

(Start: 167 @506 has 8 MA's), (202, 593), (229, 680), (243, 758), (249, 794),

Gene: StewieG_1 Start: 597, Stop: 893, Start Num: 164

Candidate Starts for StewieG_1:

(122, 534), (Start: 140 @570 has 2 MA's), (146, 579), (Start: 164 @597 has 593 MA's), (218, 720), (237, 810), (243, 846),

Gene: Stink_1 Start: 356, Stop: 763, Start Num: 95

Candidate Starts for Stink_1:

(Start: 95 @356 has 2 MA's), (Start: 192 @536 has 1 MA's), (243, 722),

Gene: StrongArm_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for StrongArm_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 162 @596 has 29 MA's), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Strosahl_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Strosahl_4:

(Start: 164 @2278 has 593 MA's),

Gene: Stuu_63 Start: 39820, Stop: 40062, Start Num: 189

Candidate Starts for Stuu_63:

(Start: 164 @39760 has 593 MA's), (Start: 189 @39820 has 14 MA's), (Start: 192 @39826 has 1 MA's),

Gene: SuMoo_83 Start: 48762, Stop: 49061, Start Num: 164

Candidate Starts for SuMoo_83:

(24, 48399), (27, 48429), (40, 48498), (Start: 164 @48762 has 593 MA's), (Start: 192 @48828 has 1 MA's), (215, 48879), (232, 48954),

Gene: Subaru_69 Start: 43103, Stop: 43405, Start Num: 164

Candidate Starts for Subaru_69:

(Start: 164 @43103 has 593 MA's), (185, 43154), (Start: 192 @43169 has 1 MA's), (215, 43220), (232, 43295), (248, 43394),

Gene: Sudan_3 Start: 972, Stop: 1286, Start Num: 165

Candidate Starts for Sudan_3:

(157, 966), (Start: 165 @972 has 47 MA's), (Start: 192 @1041 has 1 MA's), (220, 1116), (228, 1149),

Gene: Sue2_68 Start: 41870, Stop: 42175, Start Num: 164

Candidate Starts for Sue2_68:

(134, 41837), (Start: 164 @41870 has 593 MA's), (Start: 192 @41936 has 1 MA's), (215, 41987), (248, 42161),

Gene: Sujidade_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Sujidade_2:

(Start: 69 @588 has 1 MA's), (Start: 164 @723 has 593 MA's), (193, 795), (218, 852),

Gene: SummitAcademy_71 Start: 47007, Stop: 47324, Start Num: 155

Candidate Starts for SummitAcademy_71:

(146, 46995), (Start: 155 @47007 has 9 MA's), (Start: 172 @47031 has 22 MA's), (195, 47100), (236, 47217),

Gene: Sumter_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Sumter_1:

(Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: SunsetPointe_2 Start: 739, Stop: 1053, Start Num: 164

Candidate Starts for SunsetPointe_2:

(Start: 164 @739 has 593 MA's), (222, 895),

Gene: Sunshine924_1 Start: 595, Stop: 891, Start Num: 164

Candidate Starts for Sunshine924_1:

(122, 532), (Start: 140 @568 has 2 MA's), (146, 577), (Start: 164 @595 has 593 MA's), (218, 718), (237, 808), (243, 844),

Gene: SuperAwesome_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for SuperAwesome_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: SuperCallie99_4 Start: 2144, Stop: 2440, Start Num: 164
Candidate Starts for SuperCallie99_4:
(Start: 164 @2144 has 593 MA's), (220, 2279),

Gene: Superchunk_4 Start: 2154, Stop: 2450, Start Num: 164
Candidate Starts for Superchunk_4:
(Start: 164 @2154 has 593 MA's), (234, 2349),

Gene: Survivors_69 Start: 45115, Stop: 45432, Start Num: 172
Candidate Starts for Survivors_69:
(Start: 172 @45115 has 22 MA's), (222, 45253), (236, 45322),

Gene: Suscepit_79 Start: 49951, Stop: 50286, Start Num: 131
Candidate Starts for Suscepit_79:
(28, 49678), (Start: 131 @49951 has 27 MA's),

Gene: SweatNTears_71 Start: 45622, Stop: 45897, Start Num: 172
Candidate Starts for SweatNTears_71:
(Start: 170 @45619 has 2 MA's), (Start: 172 @45622 has 22 MA's), (Start: 183 @45664 has 1 MA's), (Start: 187 @45676 has 1 MA's), (191, 45688), (227, 45766), (228, 45769),

Gene: SweetiePie_5 Start: 2568, Stop: 2864, Start Num: 164
Candidate Starts for SweetiePie_5:
(Start: 164 @2568 has 593 MA's), (218, 2691),

Gene: SwissCheese_1 Start: 596, Stop: 892, Start Num: 164
Candidate Starts for SwissCheese_1:
(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (231, 773), (237, 809), (243, 845),

Gene: Switzer_2 Start: 747, Stop: 1043, Start Num: 164
Candidate Starts for Switzer_2:
(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: Switzerland_4 Start: 2425, Stop: 2721, Start Num: 164
Candidate Starts for Switzerland_4:
(Start: 164 @2425 has 593 MA's), (202, 2515),

Gene: Swole_2 Start: 834, Stop: 1130, Start Num: 164
Candidate Starts for Swole_2:
(Start: 130 @786 has 1 MA's), (Start: 164 @834 has 593 MA's), (218, 957), (237, 1047), (243, 1083),

Gene: TChen_101 Start: 57213, Stop: 57500, Start Num: 179
Candidate Starts for TChen_101:
(17, 56742), (46, 56943), (62, 56982), (81, 57048), (84, 57051), (Start: 144 @57162 has 3 MA's), (Start: 179 @57213 has 22 MA's),

Gene: TNguyen7_1 Start: 418, Stop: 714, Start Num: 164

Candidate Starts for TNguyen7_1:

(Start: 164 @418 has 593 MA's), (220, 553),

Gene: TagePhighter_3 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for TagePhighter_3:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: Tailonex_1 Start: 347, Stop: 655, Start Num: 138

Candidate Starts for Tailonex_1:

(138, 347), (Start: 182 @392 has 5 MA's),

Gene: Tallboi_69 Start: 43220, Stop: 43522, Start Num: 164

Candidate Starts for Tallboi_69:

(Start: 164 @43220 has 593 MA's), (229, 43403), (248, 43511),

Gene: Target_2 Start: 851, Stop: 1147, Start Num: 164

Candidate Starts for Target_2:

(Start: 130 @803 has 1 MA's), (Start: 164 @851 has 593 MA's), (218, 974), (237, 1064), (243, 1100),

Gene: TarsusIV_5 Start: 2568, Stop: 2864, Start Num: 164

Candidate Starts for TarsusIV_5:

(Start: 164 @2568 has 593 MA's),

Gene: Tasp14_2 Start: 770, Stop: 1066, Start Num: 164

Candidate Starts for Tasp14_2:

(152, 755), (Start: 164 @770 has 593 MA's), (218, 893), (237, 983), (243, 1019),

Gene: Taurus_1 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Taurus_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Tayonia_79 Start: 49950, Stop: 50285, Start Num: 131

Candidate Starts for Tayonia_79:

(28, 49677), (Start: 131 @49950 has 27 MA's),

Gene: Tbone_69 Start: 43742, Stop: 44044, Start Num: 164

Candidate Starts for Tbone_69:

(Start: 164 @43742 has 593 MA's), (185, 43793), (Start: 192 @43808 has 1 MA's), (215, 43859), (232, 43934), (248, 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 47 MA's), (220, 796), (228, 829),

Gene: Temprado_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Temprado_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Teodoridan_1 Start: 600, Stop: 896, Start Num: 164

Candidate Starts for Teodoridan_1:

(122, 537), (Start: 140 @573 has 2 MA's), (146, 582), (Start: 164 @600 has 593 MA's), (218, 723), (237, 813), (243, 849),

Gene: Terrific_6 Start: 2620, Stop: 2916, Start Num: 164
Candidate Starts for Terrific_6:
(63, 2419), (Start: 164 @2620 has 593 MA's),

Gene: TforTroy_69 Start: 43283, Stop: 43591, Start Num: 164
Candidate Starts for TforTroy_69:
(51, 43070), (Start: 164 @43283 has 593 MA's), (229, 43466), (232, 43475), (248, 43574),

Gene: ThankyouJordi_83 Start: 53067, Stop: 53414, Start Num: 131
Candidate Starts for ThankyouJordi_83:
(28, 52794), (Start: 131 @53067 has 27 MA's),

Gene: TheloniousMonk_2 Start: 748, Stop: 1044, Start Num: 164
Candidate Starts for TheloniousMonk_2:
(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Thestral_2 Start: 639, Stop: 953, Start Num: 165
Candidate Starts for Thestral_2:
(Start: 165 @639 has 47 MA's), (220, 783),

Gene: Thor_2 Start: 757, Stop: 1053, Start Num: 164
Candidate Starts for Thor_2:
(Start: 164 @757 has 593 MA's), (218, 880), (237, 970), (243, 1006),

Gene: ThursdayNight_73 Start: 45478, Stop: 45777, Start Num: 164
Candidate Starts for ThursdayNight_73:
(Start: 164 @45478 has 593 MA's), (Start: 192 @45544 has 1 MA's), (232, 45670), (248, 45769),

Gene: Tian_67 Start: 43915, Stop: 44217, Start Num: 164
Candidate Starts for Tian_67:
(Start: 164 @43915 has 593 MA's), (Start: 192 @43981 has 1 MA's), (215, 44032), (229, 44098), (248, 44206),

Gene: Tiffany_1 Start: 527, Stop: 820, Start Num: 164
Candidate Starts for Tiffany_1:
(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Tiger_1 Start: 534, Stop: 833, Start Num: 162
Candidate Starts for Tiger_1:
(61, 372), (Start: 162 @534 has 29 MA's), (211, 642), (229, 714), (241, 783), (249, 828),

Gene: TimTam_84 Start: 53045, Stop: 53380, Start Num: 131
Candidate Starts for TimTam_84:
(28, 52772), (Start: 131 @53045 has 27 MA's), (216, 53231),

Gene: Timothy_4 Start: 2356, Stop: 2652, Start Num: 164
Candidate Starts for Timothy_4:
(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: Timshel_1 Start: 408, Stop: 704, Start Num: 164

Candidate Starts for Timshel_1:

(92, 297), (Start: 164 @408 has 593 MA's), (241, 654), (247, 672),

Gene: TinaBelcher_2 Start: 639, Stop: 953, Start Num: 165

Candidate Starts for TinaBelcher_2:

(Start: 165 @639 has 47 MA's), (220, 783),

Gene: TinyPebbles_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for TinyPebbles_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: TinyTimmy_4 Start: 2356, Stop: 2652, Start Num: 164

Candidate Starts for TinyTimmy_4:

(Start: 164 @2356 has 593 MA's), (Start: 182 @2389 has 5 MA's), (202, 2446), (249, 2647),

Gene: TipsytheTRex_4 Start: 2326, Stop: 2622, Start Num: 164

Candidate Starts for TipsytheTRex_4:

(Start: 164 @2326 has 593 MA's),

Gene: Toaka_4 Start: 2356, Stop: 2682, Start Num: 135

Candidate Starts for Toaka_4:

(Start: 135 @2356 has 3 MA's), (Start: 164 @2389 has 593 MA's), (211, 2491), (218, 2509),

Gene: Todacoro_1 Start: 445, Stop: 741, Start Num: 164

Candidate Starts for Todacoro_1:

(Start: 164 @445 has 593 MA's), (220, 580),

Gene: Toma_2 Start: 723, Stop: 1034, Start Num: 164

Candidate Starts for Toma_2:

(Start: 69 @588 has 1 MA's), (Start: 164 @723 has 593 MA's), (193, 795), (206, 825), (218, 852), (232, 915),

Gene: Tomathan_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for Tomathan_4:

(Start: 164 @2345 has 593 MA's),

Gene: Toniann_14 Start: 3268, Stop: 3576, Start Num: 175

Candidate Starts for Toniann_14:

(148, 3238), (Start: 175 @3268 has 27 MA's), (232, 3460), (242, 3532),

Gene: Topanga_1 Start: 517, Stop: 813, Start Num: 145

Candidate Starts for Topanga_1:

(Start: 145 @517 has 15 MA's),

Gene: Topgun_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Topgun_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Toro_1 Start: 396, Stop: 692, Start Num: 153

Candidate Starts for Toro_1:

(94, 300), (Start: 153 @396 has 1 MA's), (241, 642),

Gene: Tote_2 Start: 834, Stop: 1130, Start Num: 164

Candidate Starts for Tote_2:

(Start: 130 @786 has 1 MA's), (Start: 164 @834 has 593 MA's), (218, 957), (237, 1047), (243, 1083),

Gene: TouchMeNot_54 Start: 40155, Stop: 40460, Start Num: 171

Candidate Starts for TouchMeNot_54:

(Start: 171 @40155 has 3 MA's), (198, 40230), (205, 40251), (228, 40332),

Gene: Towmatter_9 Start: 2870, Stop: 3172, Start Num: 175

Candidate Starts for Towmatter_9:

(Start: 175 @2870 has 27 MA's), (Start: 190 @2927 has 1 MA's), (Start: 192 @2930 has 1 MA's), (193, 2933), (228, 3038),

Gene: Traft412_3 Start: 1245, Stop: 1541, Start Num: 164

Candidate Starts for Traft412_3:

(Start: 164 @1245 has 593 MA's), (218, 1368), (237, 1458), (243, 1494),

Gene: Travvers_4 Start: 2345, Stop: 2641, Start Num: 164

Candidate Starts for Travvers_4:

(Start: 164 @2345 has 593 MA's),

Gene: Treddle_2 Start: 750, Stop: 1046, Start Num: 164

Candidate Starts for Treddle_2:

(Start: 164 @750 has 593 MA's), (218, 873), (237, 963), (243, 999),

Gene: Tripl3t_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Tripl3t_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Tristan_4 Start: 2116, Stop: 2412, Start Num: 164

Candidate Starts for Tristan_4:

(Start: 164 @2116 has 593 MA's), (205, 2215), (234, 2311),

Gene: Triste_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for Triste_2:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: Triumph_3 Start: 679, Stop: 993, Start Num: 165

Candidate Starts for Triumph_3:

(Start: 165 @679 has 47 MA's), (220, 823),

Gene: Trixie_4 Start: 2424, Stop: 2720, Start Num: 164

Candidate Starts for Trixie_4:

(Start: 164 @2424 has 593 MA's),

Gene: Troje_71 Start: 45614, Stop: 45889, Start Num: 172

Candidate Starts for Troje_71:

(Start: 170 @45611 has 2 MA's), (Start: 172 @45614 has 22 MA's), (Start: 183 @45656 has 1 MA's), (Start: 187 @45668 has 1 MA's), (191, 45680), (221, 45728), (222, 45731), (227, 45758), (228, 45761), (232, 45779),

Gene: Trooper_5 Start: 2370, Stop: 2666, Start Num: 164

Candidate Starts for Trooper_5:
(Start: 164 @2370 has 593 MA's),

Gene: Trumpet_79 Start: 49951, Stop: 50286, Start Num: 131
Candidate Starts for Trumpet_79:
(28, 49678), (Start: 131 @49951 has 27 MA's),

Gene: TrvxScott_2 Start: 639, Stop: 953, Start Num: 165
Candidate Starts for TrvxScott_2:
(Start: 165 @639 has 47 MA's), (220, 783),

Gene: TuanPN_2 Start: 730, Stop: 1041, Start Num: 164
Candidate Starts for TuanPN_2:
(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (206, 832), (218, 859), (232, 922),

Gene: Tubs_4 Start: 2335, Stop: 2628, Start Num: 161
Candidate Starts for Tubs_4:
(Start: 135 @2308 has 3 MA's), (Start: 161 @2335 has 33 MA's), (211, 2437), (218, 2455),

Gene: Tuck_69 Start: 43623, Stop: 43925, Start Num: 164
Candidate Starts for Tuck_69:
(Start: 164 @43623 has 593 MA's), (Start: 192 @43689 has 1 MA's), (215, 43740), (232, 43815), (248, 43914),

Gene: Tucker_4 Start: 2143, Stop: 2439, Start Num: 164
Candidate Starts for Tucker_4:
(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Turab_68 Start: 42750, Stop: 43052, Start Num: 164
Candidate Starts for Turab_68:
(Start: 164 @42750 has 593 MA's), (185, 42801), (Start: 192 @42816 has 1 MA's), (215, 42867), (232, 42942), (248, 43041),

Gene: Turbido_5 Start: 2551, Stop: 2847, Start Num: 164
Candidate Starts for Turbido_5:
(Start: 164 @2551 has 593 MA's), (218, 2674),

Gene: Turj99_1 Start: 598, Stop: 894, Start Num: 164
Candidate Starts for Turj99_1:
(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Tutumahutu_71 Start: 43324, Stop: 43626, Start Num: 164
Candidate Starts for Tutumahutu_71:
(Start: 164 @43324 has 593 MA's), (185, 43375), (Start: 192 @43390 has 1 MA's), (215, 43441), (232, 43516), (248, 43615),

Gene: Tweety19_69 Start: 40496, Stop: 40801, Start Num: 164
Candidate Starts for Tweety19_69:
(Start: 164 @40496 has 593 MA's), (Start: 189 @40556 has 14 MA's), (Start: 192 @40562 has 1 MA's), (215, 40613), (248, 40787),

Gene: Twister_1 Start: 463, Stop: 759, Start Num: 145

Candidate Starts for Twister_1:

(Start: 145 @463 has 15 MA's),

Gene: TwoPeat_2 Start: 834, Stop: 1130, Start Num: 164

Candidate Starts for TwoPeat_2:

(Start: 130 @786 has 1 MA's), (Start: 164 @834 has 593 MA's), (218, 957), (237, 1047), (243, 1083),

Gene: U2_2 Start: 749, Stop: 1045, Start Num: 164

Candidate Starts for U2_2:

(Start: 164 @749 has 593 MA's), (218, 872), (237, 962), (243, 998),

Gene: UnionJack_87 Start: 500, Stop: 799, Start Num: 162

Candidate Starts for UnionJack_87:

(Start: 162 @500 has 29 MA's), (Start: 173 @515 has 1 MA's), (211, 608), (229, 680), (241, 749), (249, 794),

Gene: Unstoppable_2 Start: 740, Stop: 1054, Start Num: 164

Candidate Starts for Unstoppable_2:

(71, 629), (Start: 95 @656 has 2 MA's), (Start: 164 @740 has 593 MA's), (222, 896),

Gene: Updawg_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for Updawg_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Urza_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for Urza_2:

(Start: 165 @744 has 47 MA's), (220, 888),

Gene: UtzChips_77 Start: 46396, Stop: 46695, Start Num: 164

Candidate Starts for UtzChips_77:

(128, 46351), (Start: 164 @46396 has 593 MA's), (212, 46504), (215, 46513),

Gene: VA6_4 Start: 2464, Stop: 2760, Start Num: 164

Candidate Starts for VA6_4:

(Start: 164 @2464 has 593 MA's), (218, 2587),

Gene: VC3_4 Start: 2344, Stop: 2640, Start Num: 164

Candidate Starts for VC3_4:

(Start: 164 @2344 has 593 MA's),

Gene: VResidence_72 Start: 41784, Stop: 42086, Start Num: 164

Candidate Starts for VResidence_72:

(56, 41574), (Start: 164 @41784 has 593 MA's), (Start: 192 @41850 has 1 MA's), (215, 41901), (248, 42075),

Gene: VWB_70 Start: 47259, Stop: 47567, Start Num: 163

Candidate Starts for VWB_70:

(21, 46878), (163, 47259), (236, 47478),

Gene: Vanisoa_4 Start: 2102, Stop: 2395, Start Num: 161

Candidate Starts for Vanisoa_4:

(Start: 161 @2102 has 33 MA's), (Start: 192 @2168 has 1 MA's), (211, 2204), (218, 2222),

Gene: Verabelle_3 Start: 950, Stop: 1264, Start Num: 165

Candidate Starts for Verabelle_3:

(157, 944), (Start: 165 @950 has 47 MA's), (Start: 192 @1019 has 1 MA's), (220, 1094),

Gene: Verse_2 Start: 955, Stop: 1269, Start Num: 165

Candidate Starts for Verse_2:

(54, 751), (55, 754), (101, 856), (157, 949), (Start: 165 @955 has 47 MA's), (Start: 192 @1024 has 1 MA's), (220, 1099), (228, 1132),

Gene: VieEnRose_2 Start: 744, Stop: 1058, Start Num: 165

Candidate Starts for VieEnRose_2:

(Start: 165 @744 has 47 MA's), (220, 888),

Gene: Vine_74 Start: 47747, Stop: 48088, Start Num: 155

Candidate Starts for Vine_74:

(146, 47735), (Start: 155 @47747 has 9 MA's), (Start: 172 @47771 has 22 MA's), (Start: 188 @47825 has 1 MA's), (203, 47864), (236, 47984),

Gene: Violet_2 Start: 748, Stop: 1044, Start Num: 164

Candidate Starts for Violet_2:

(Start: 164 @748 has 593 MA's), (218, 871), (237, 961), (243, 997),

Gene: Vix_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Vix_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: VohminGhazi_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for VohminGhazi_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: VroomVroom_67 Start: 42799, Stop: 43164, Start Num: 164

Candidate Starts for VroomVroom_67:

(83, 42664), (87, 42673), (Start: 164 @42799 has 593 MA's), (Start: 189 @42868 has 14 MA's), (Start: 192 @42874 has 1 MA's), (245, 43069), (248, 43099), (251, 43111),

Gene: Waits_4 Start: 2278, Stop: 2574, Start Num: 164

Candidate Starts for Waits_4:

(Start: 164 @2278 has 593 MA's), (202, 2368),

Gene: WalterMcMickey_1 Start: 463, Stop: 759, Start Num: 145

Candidate Starts for WalterMcMickey_1:

(Start: 145 @463 has 15 MA's),

Gene: Warda_70 Start: 43423, Stop: 43725, Start Num: 164

Candidate Starts for Warda_70:

(Start: 164 @43423 has 593 MA's), (185, 43474), (Start: 192 @43489 has 1 MA's), (215, 43540), (232, 43615), (248, 43714),

Gene: Warrior24_4 Start: 2282, Stop: 2578, Start Num: 164

Candidate Starts for Warrior24_4:

(108, 2186), (Start: 164 @2282 has 593 MA's), (202, 2372),

Gene: Watermelon_2 Start: 736, Stop: 1044, Start Num: 164

Candidate Starts for Watermelon_2:

(Start: 164 @736 has 593 MA's), (218, 859), (237, 949), (243, 985),

Gene: Watson_1 Start: 526, Stop: 819, Start Num: 164

Candidate Starts for Watson_1:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: WeiHuaDA_5 Start: 2558, Stop: 2854, Start Num: 164

Candidate Starts for WeiHuaDA_5:

(Start: 164 @2558 has 593 MA's), (218, 2681),

Gene: WelcomeAyanna_83 Start: 53214, Stop: 53561, Start Num: 131

Candidate Starts for WelcomeAyanna_83:

(28, 52941), (Start: 131 @53214 has 27 MA's),

Gene: Werner_2 Start: 730, Stop: 1041, Start Num: 164

Candidate Starts for Werner_2:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: Whabigail7_5 Start: 2548, Stop: 2844, Start Num: 164

Candidate Starts for Whabigail7_5:

(Start: 164 @2548 has 593 MA's), (218, 2671),

Gene: Whatever_2 Start: 589, Stop: 1041, Start Num: 69

Candidate Starts for Whatever_2:

(Start: 69 @589 has 1 MA's), (82, 628), (Start: 164 @730 has 593 MA's), (193, 802), (222, 883),

Gene: Wheeler_2 Start: 833, Stop: 1129, Start Num: 164

Candidate Starts for Wheeler_2:

(Start: 130 @785 has 1 MA's), (Start: 164 @833 has 593 MA's), (218, 956), (237, 1046), (243, 1082),

Gene: Whitspit_2 Start: 747, Stop: 1043, Start Num: 164

Candidate Starts for Whitspit_2:

(Start: 164 @747 has 593 MA's), (218, 870), (237, 960), (243, 996),

Gene: Whitty_58 Start: 40896, Stop: 41195, Start Num: 85

Candidate Starts for Whitty_58:

(Start: 85 @40896 has 6 MA's), (222, 41019),

Gene: WideWale_5 Start: 2624, Stop: 2920, Start Num: 164

Candidate Starts for WideWale_5:

(63, 2423), (Start: 164 @2624 has 593 MA's),

Gene: Wiks_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Wiks_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Wildwest_65 Start: 43282, Stop: 43584, Start Num: 164

Candidate Starts for Wildwest_65:

(Start: 164 @43282 has 593 MA's), (Start: 189 @43342 has 14 MA's), (215, 43399), (232, 43474), (248, 43573),

Gene: Wilkins_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Wilkins_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: WilliamBoone_12 Start: 2893, Stop: 3201, Start Num: 175

Candidate Starts for WilliamBoone_12:

(148, 2863), (Start: 175 @2893 has 27 MA's), (242, 3157),

Gene: Wolfwood_69 Start: 44987, Stop: 45304, Start Num: 172

Candidate Starts for Wolfwood_69:

(Start: 172 @44987 has 22 MA's), (222, 45125), (236, 45194),

Gene: Wooldri_3 Start: 517, Stop: 819, Start Num: 141

Candidate Starts for Wooldri_3:

(Start: 141 @517 has 35 MA's), (Start: 164 @526 has 593 MA's), (Start: 192 @592 has 1 MA's),

Gene: Wrigley_81 Start: 51527, Stop: 51817, Start Num: 179

Candidate Starts for Wrigley_81:

(Start: 141 @51470 has 35 MA's), (Start: 144 @51476 has 3 MA's), (Start: 179 @51527 has 22 MA's),

Gene: WunderPhul_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for WunderPhul_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: XianYue_4 Start: 2391, Stop: 2687, Start Num: 164

Candidate Starts for XianYue_4:

(Start: 164 @2391 has 593 MA's), (217, 2508),

Gene: Yakult_74 Start: 46869, Stop: 47177, Start Num: 172

Candidate Starts for Yakult_74:

(124, 46794), (Start: 151 @46839 has 1 MA's), (168, 46860), (Start: 172 @46869 has 22 MA's), (184, 46914), (199, 46953), (210, 46977), (214, 46983), (222, 47016),

Gene: Yang_68 Start: 42836, Stop: 43144, Start Num: 164

Candidate Starts for Yang_68:

(Start: 164 @42836 has 593 MA's), (Start: 192 @42902 has 1 MA's), (232, 43028), (248, 43127),

Gene: Yasdnii_2 Start: 729, Stop: 1040, Start Num: 164

Candidate Starts for Yasdnii_2:

(82, 627), (Start: 164 @729 has 593 MA's), (193, 801), (206, 831), (218, 858), (232, 921),

Gene: Yecey3_4 Start: 2101, Stop: 2394, Start Num: 164

Candidate Starts for Yecey3_4:

(Start: 164 @2101 has 593 MA's),

Gene: YesChef_69 Start: 43140, Stop: 43442, Start Num: 164

Candidate Starts for YesChef_69:

(Start: 164 @43140 has 593 MA's), (185, 43191), (Start: 192 @43206 has 1 MA's), (215, 43257), (232, 43332), (248, 43431),

Gene: Yokurt_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Yokurt_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Yosif_3 Start: 954, Stop: 1265, Start Num: 165

Candidate Starts for Yosif_3:

(72, 816), (117, 888), (127, 906), (Start: 165 @954 has 47 MA's), (228, 1128),

Gene: Yucky_74 Start: 47485, Stop: 47799, Start Num: 155

Candidate Starts for Yucky_74:

(146, 47473), (Start: 155 @47485 has 9 MA's), (Start: 172 @47509 has 22 MA's), (195, 47578), (236, 47695),

Gene: Yummy_71 Start: 45636, Stop: 45857, Start Num: 187

Candidate Starts for Yummy_71:

(Start: 170 @45579 has 2 MA's), (Start: 172 @45582 has 22 MA's), (Start: 183 @45624 has 1 MA's), (Start: 187 @45636 has 1 MA's), (191, 45648), (222, 45699), (227, 45726), (228, 45729),

Gene: Yvonnetastic_14 Start: 3602, Stop: 3910, Start Num: 175

Candidate Starts for Yvonnetastic_14:

(Start: 175 @3602 has 27 MA's), (228, 3776), (232, 3794), (236, 3815), (248, 3902),

Gene: Zainub_3 Start: 1037, Stop: 1351, Start Num: 165

Candidate Starts for Zainub_3:

(82, 911), (Start: 112 @965 has 1 MA's), (Start: 156 @1031 has 1 MA's), (Start: 165 @1037 has 47 MA's), (Start: 192 @1106 has 1 MA's), (220, 1181),

Gene: Zaka_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Zaka_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: Zameen_79 Start: 49950, Stop: 50285, Start Num: 131

Candidate Starts for Zameen_79:

(28, 49677), (Start: 131 @49950 has 27 MA's),

Gene: Zareef_67 Start: 44991, Stop: 45311, Start Num: 172

Candidate Starts for Zareef_67:

(Start: 172 @44991 has 22 MA's), (222, 45132), (236, 45201),

Gene: Zeeculate_1 Start: 596, Stop: 892, Start Num: 164

Candidate Starts for Zeeculate_1:

(122, 533), (Start: 140 @569 has 2 MA's), (146, 578), (Start: 164 @596 has 593 MA's), (218, 719), (237, 809), (243, 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), (32, 406), (44, 463), (48, 487), (53, 496), (121, 652), (Start: 141 @682 has 35 MA's), (Start: 164 @703 has 593 MA's), (204, 799), (206, 805), (218, 832),

Gene: ZenTime222_65 Start: 41847, Stop: 42146, Start Num: 85

Candidate Starts for ZenTime222_65:

(Start: 85 @41847 has 6 MA's), (222, 41970),

Gene: Zephyr_1 Start: 598, Stop: 894, Start Num: 164

Candidate Starts for Zephyr_1:

(122, 535), (Start: 140 @571 has 2 MA's), (146, 580), (Start: 164 @598 has 593 MA's), (218, 721), (237, 811), (243, 847),

Gene: Zeta1847_76 Start: 47529, Stop: 47834, Start Num: 164

Candidate Starts for Zeta1847_76:

(74, 47376), (75, 47379), (78, 47382), (Start: 164 @47529 has 593 MA's), (250, 47829),

Gene: Zetzy_1 Start: 518, Stop: 820, Start Num: 141

Candidate Starts for Zetzy_1:

(Start: 141 @518 has 35 MA's), (Start: 164 @527 has 593 MA's), (Start: 192 @593 has 1 MA's),

Gene: Zeuska_1 Start: 599, Stop: 895, Start Num: 164

Candidate Starts for Zeuska_1:

(122, 536), (Start: 140 @572 has 2 MA's), (146, 581), (Start: 162 @596 has 29 MA's), (Start: 164 @599 has 593 MA's), (218, 722), (237, 812), (243, 848),

Gene: Zimmer_4 Start: 2256, Stop: 2552, Start Num: 162

Candidate Starts for Zimmer_4:

(45, 1998), (59, 2043), (72, 2094), (Start: 162 @2256 has 29 MA's),

Gene: Zirinka_79 Start: 51694, Stop: 52026, Start Num: 131

Candidate Starts for Zirinka_79:

(28, 51421), (Start: 131 @51694 has 27 MA's),

Gene: Zulu_4 Start: 2143, Stop: 2439, Start Num: 164

Candidate Starts for Zulu_4:

(Start: 164 @2143 has 593 MA's), (220, 2278),

Gene: phiHau3_1 Start: 591, Stop: 905, Start Num: 165

Candidate Starts for phiHau3_1:

(Start: 165 @591 has 47 MA's), (214, 708), (220, 735), (240, 837), (252, 900),