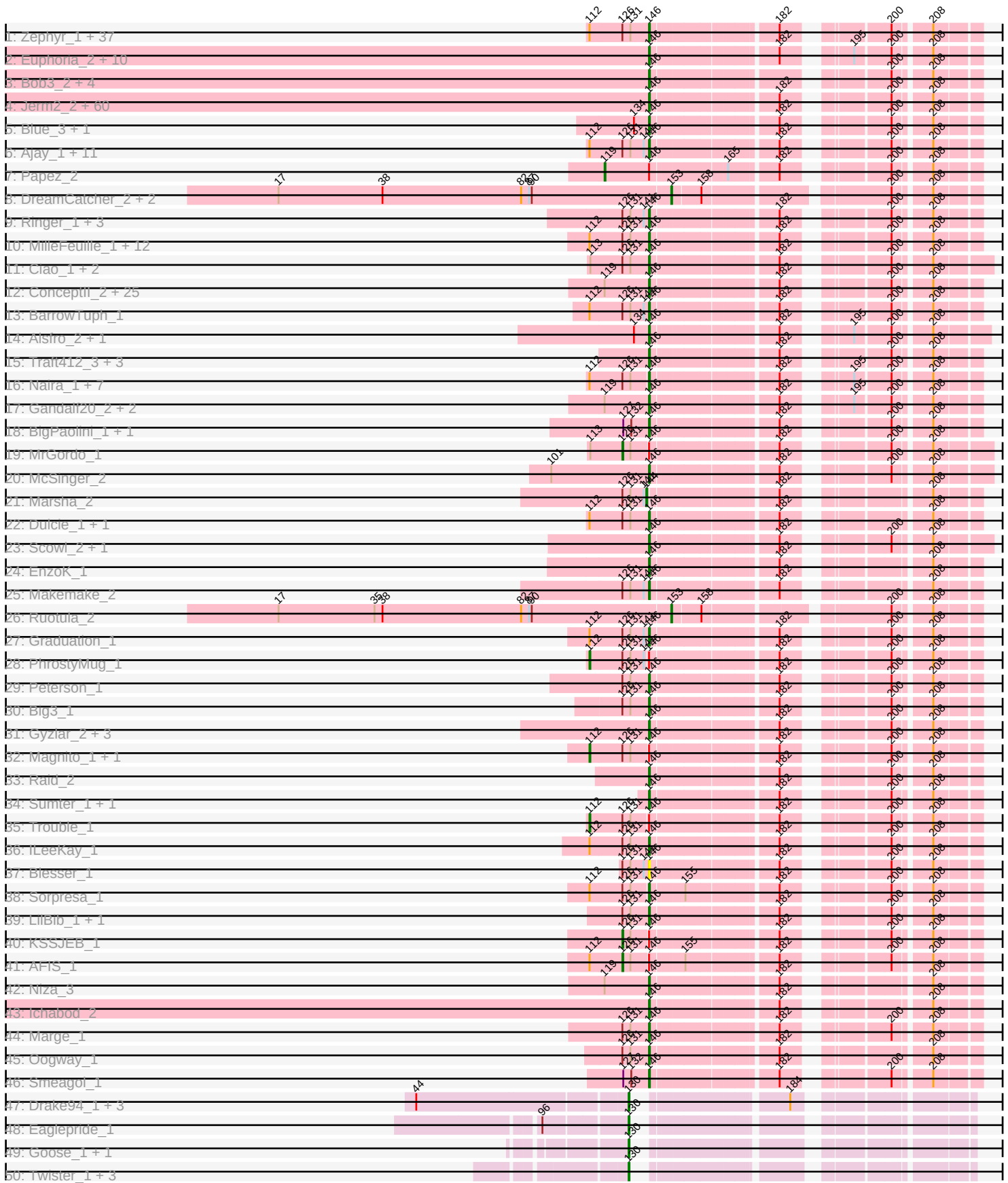


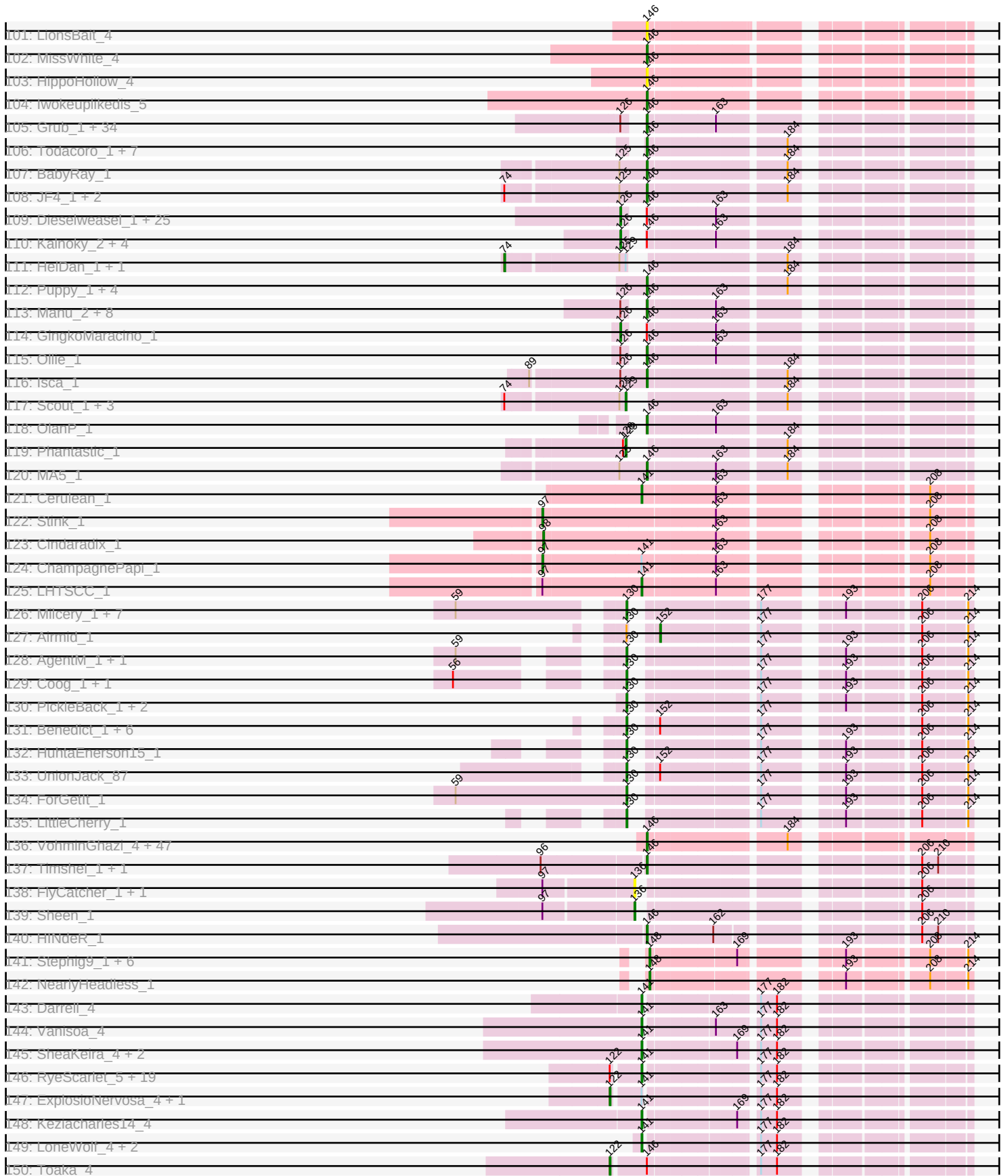
Pham 304560

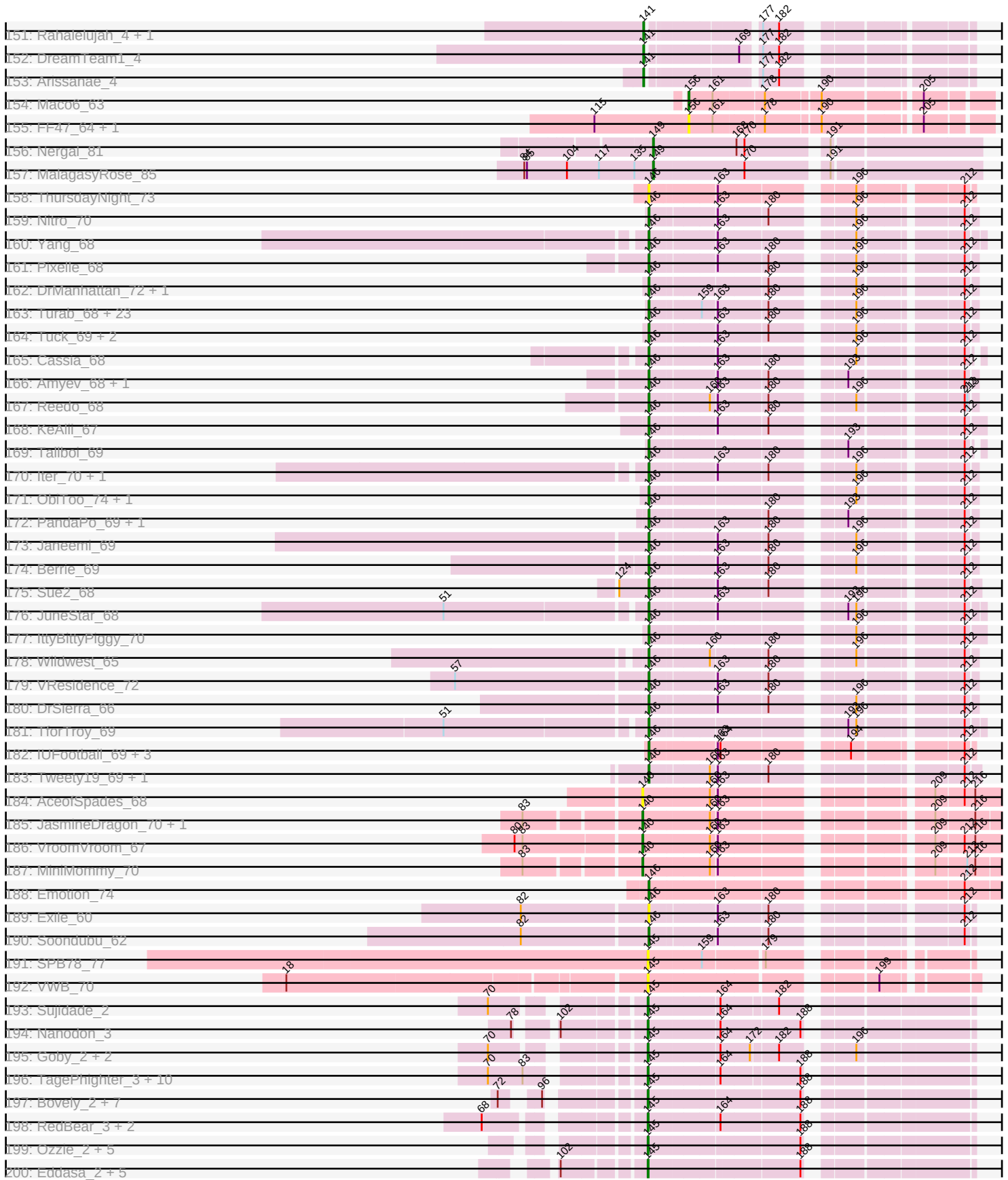


Pham 304560

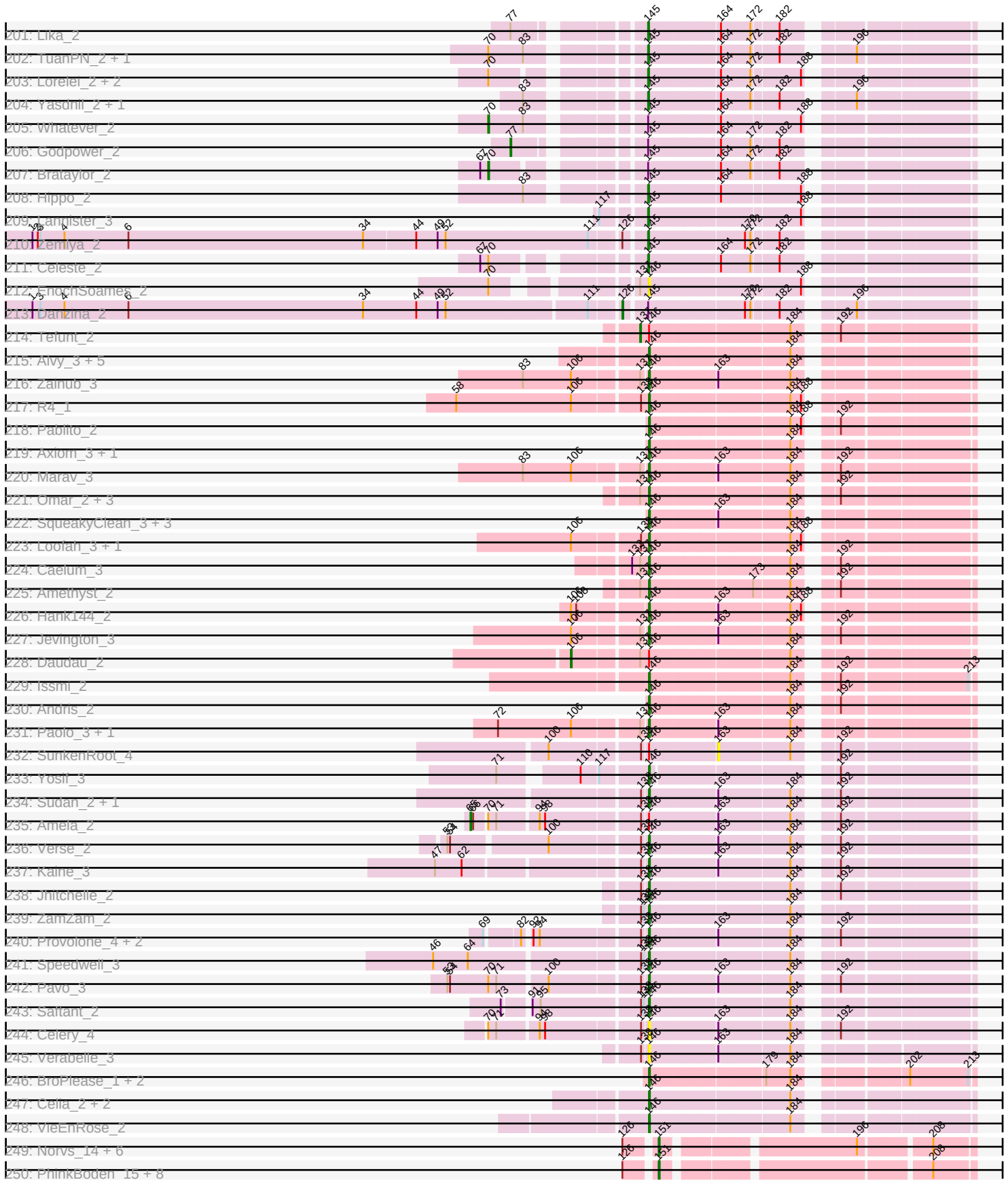


Pham 304560

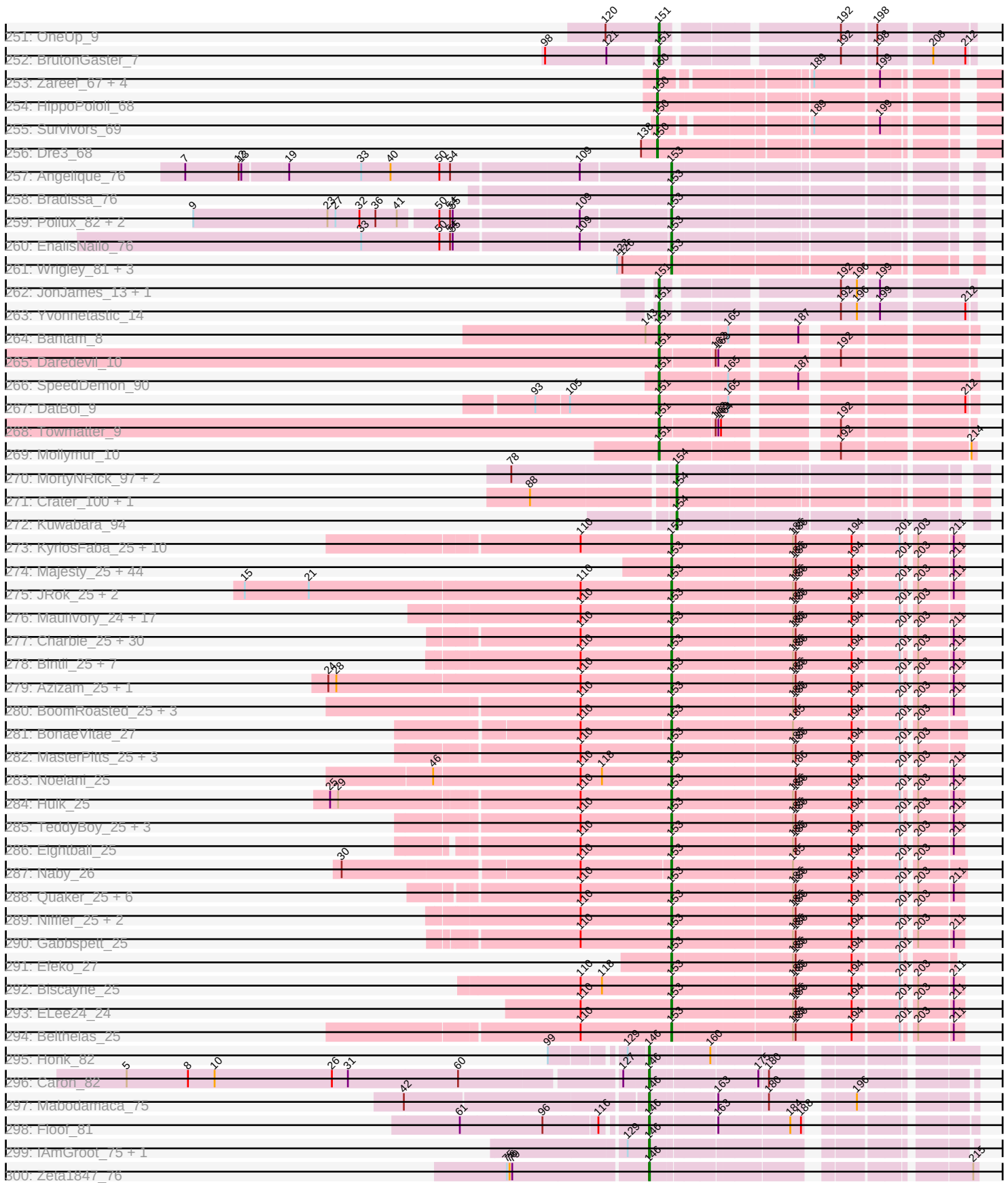




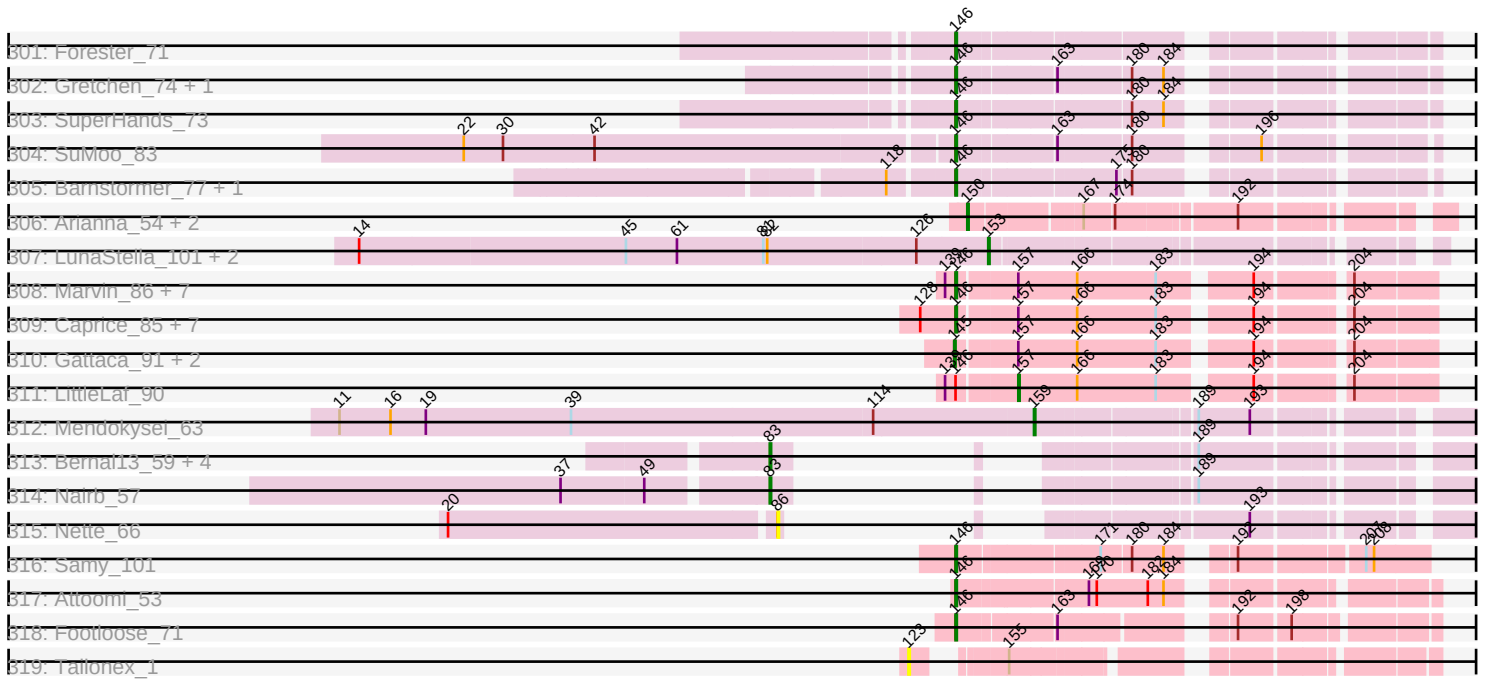
Pham 304560



Pham 304560



Pham 304560



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 304560 Report

This analysis was run 06/08/26 on database version 649.

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 304560 has 1107 members, 65 are drafts.

Phages represented in each track:

- Track 1 : Zephyr_1, Paphu_1, Fascinus_1, Bigchung_1, PhineBark_1, Rutherford_1, Bones_1, ShortQueendom_1, Mkhuse_1, Michley_1, Maroc7_1, Marco3_1, Ashballer_1, Snazzy_1, Parliament_1, Zeeculate_1, DrFeelGood_1, StewieG_1, CactusRose_1, Adahisdi_1, Crispicous1_1, Phlippers_1, Seanderson_1, Levia_1, Cueyliss_1, Solon_1, Teodoridan_1, Ohno789_1, Sunshine924_1, Bigfoot_1, Topgun_1, Hami1_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 : Bob3_2, Burton_2, MPlant7149_2, Museum_3, Nhonho_2
- Track 4 : Jerm2_2, MetalQZJ_2, Greg_2, Monet_2, RidgeCB_2, GrecoEtereo_2, DirtDevil_2, Fushigi_2, PattyP_2, Sagefire_2, Chanagan_2, Corvo_2, Bethlehem_2, BigMau_3, Rufus_2, GMonster_2, Pippin_2, BillKnuckles_2, Molly_2, Slagathor_2, PascalRango_2, HermioneGrange_2, JC27_2, U2_2, Whitspit_2, Lamina13_2, Petp2012_2, Marchy_2, Payneful_2, Thor_2, BaconJack_2, KikiBouba_2, Manatee_2, Licorice_2, MaryBeth_2, Treddle_2, Arlo_2, Dynamix_2, Violet_2, Fajezeel_2, Hermia_2, TheloniousMonk_2, Sibs6_2, Buttons_2, Pari_2, NEHalo_2, Noxious_2, Norz_2, Barriga_2, Watermelon_2, Anglerfish_2, GroundGoblin_2, Aldrich_2, Switzer_2, Rhynn_1, Edtherson_2, SarFire_2, HarryOW_2, Arcanine_2, Rubeus_2, Rajelicia_2
- Track 5 : Blue_3, Tasp14_2
- Track 6 : 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 7 : Papez_2
- Track 8 : DreamCatcher_2, Sanya_1, Abrogate_20
- Track 9 : Ringer_1, IgnatiusPatJac_1, BluSpix_1, JackSparrow_1
- Track 10 : MilleFeuille_1, Lesedi_1, Atkinbua_1, KyMonks1A_1, Turj99_1, Magnar_1, Eyeball_1, LunarLander_1, Bxb1_1, Mryolo_1, Paraselene_1, Kykar_1, QTRLifeCrisis_1
- Track 11 : Ciao_1, Nerujay_1, Kugel_1
- Track 12 : ConceptII_2, Bircsak_2, PherrisBueller_2, STLscum_2, PacerPaul_2, Rohr_2, Altman_3, Pepe_2, SkiPole_2, Gompeii16_2, Lopton_2, Pita2_2, BPBiEbs31_2, Kanely_3, Tote_2, TwoPeat_2, KBG_2, Target_2, Swole_2, Jasper_2,

Francis47_2, Dreamboat_2, Homines_2, Wheeler_2, JuliaChild_2, PSullivan_2

- Track 13 : BarrowTuph_1
- Track 14 : Alsfro_2, Carlyle_2
- Track 15 : Traft412_3, Dexes_2, Pelly_2, Acme_2
- Track 16 : Naira_1, Bruns_1, Moose_1, Forsytheast_1, Fenn_1, PinkPlastic_1, SwissCheese_1, PowerRanger_1
- Track 17 : Gandalf20_2, Jorgensen_2, Espresso_2
- Track 18 : BigPaolini_1, Doom_1
- Track 19 : MrGordo_1
- Track 20 : McSinger_2
- Track 21 : Marsha_2
- Track 22 : Dulcie_1, ProMouse_1
- Track 23 : Scowl_2, GageAP_2
- Track 24 : EnzoK_1
- Track 25 : Makemake_2
- Track 26 : Ruotula_2
- Track 27 : Graduation_1
- Track 28 : PhrostyMug_1
- Track 29 : Peterson_1
- Track 30 : Big3_1
- Track 31 : Gyzlar_2, Marcell_2, Petruchio_2, Froghopper_2
- Track 32 : Magnito_1, Pinto_1
- Track 33 : Raid_2
- Track 34 : Sumter_1, Gwendoluna_1
- Track 35 : Trouble_1
- Track 36 : ILeeKay_1
- Track 37 : Blessor_1
- Track 38 : Sorpresa_1
- Track 39 : LilBib_1, Puppet_1
- Track 40 : KSSJEB_1
- Track 41 : AFIS_1
- Track 42 : Niza_3
- Track 43 : Ichabod_2
- Track 44 : Marge_1
- Track 45 : Oogway_1
- Track 46 : Smeagol_1
- Track 47 : Drake94_1, Severus_1, Poompha_1, KittenMittens_1
- Track 48 : Eaglepride_1
- Track 49 : Goose_1, Chupacabra_1
- Track 50 : Twister_1, WalterMcMickey_1, Edison31_1, Topanga_1
- Track 51 : OKCentral2016_1
- Track 52 : RhynO_1
- Track 53 : PeaceMeal1_1
- Track 54 : Rebeuca_2
- Track 55 : Kristoff_2
- Track 56 : Salz_4, MaCh_4, Sham4_4, Bowtie_4, Flaverint_4, Joselito_4, Fibonacci_4, Gilberta_4, Munch_4, Lucivia_4, Hutc2_4, TinyTimmy_4, Mulciber_4, Aneem_4, Bud_4, Insomnia_4, Jabith_4, Timothy_4, Snape_4
- Track 57 : Ebony_4, Kimba_4, Bachome_4, Orange_4
- Track 58 : Refuge_4
- Track 59 : Zimmer_4
- Track 60 : Steamy_4
- Track 61 : DarthPhader_4

- Track 62 : Pharaoh_4
- Track 63 : SororFago_4
- Track 64 : Jeeves_4
- Track 65 : Sunhee_4
- Track 66 : Luchador_4
- Track 67 : Gail_4
- Track 68 : Waits_4, Epsocamisio_4, Ravana_4, Rosalind_4, MinecraftSteve_5, DekHockey33_4, ShayRa_5, JSwag_4, KatherineG_4, Nebulosus_4, Boohoo_4, Battleship_5, LastResort_4, Switzerland_4, ReMo_4, Looper_4, Anaysia_4
- Track 69 : Nedarya_4
- Track 70 : Strosahl_4, Soups_4, Remus_4
- Track 71 : Warrior24_4, Oofda_4
- Track 72 : Elle_4
- Track 73 : EagleEye_4, Lucyedi_4, PainterBoy_4
- Track 74 : 40AC_5
- Track 75 : MyraDee_1
- Track 76 : Kimona_1
- Track 77 : NicoleTera_4, Chargerpower_5, EZMoney23_4, Trixie_4
- Track 78 : Journey13_4
- Track 79 : Lokk_5, Rachaly_5, BobSwaget_5
- Track 80 : Adzzy_4
- Track 81 : AnnaL29_4, CRB1_4, Loser_4, RedRock_4
- Track 82 : MiculUcigas_5, Flare16_5, WideWale_5, Sknot_5, Drake55_5, HarryHoudini_5, Equemioh13_5, Piro94_4, Centaur_5, Terrific_6, NaSiaTalie_5, Baehexic_5, Updawg_5
- Track 83 : Buggy_5, Agape74_5, FiringLine_5, SemperFi_5, Smeagan_5, Deloris_4, EvilGenius_5, Dignity_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 84 : Bactobuster_4, Jaan_4, IronMan_4, Tristan_4, Landor_4, Phaded_4
- Track 85 : Miko_5, Changeling_4, DeerParkTS_4, 20ES_4, ArcherNM_4, First_004, Anthony_1
- Track 86 : DudeLittle_5, Anselm_5, Dalmatian_5, Heffalump_5, QueenB2_5, Fameo_5, Retro23_5
- Track 87 : Odin_3, Pukovnik_4, Superchunk_4
- Track 88 : Leogania_4, BiancaTri92_4
- Track 89 : StarStuff_4, C3_04, Tomathan_4, AN9_4, D32_4, Travvers_4, VC3_4, D29_4, Kerberos_4, DBQu4n_4, ANI8_4, Naji_4, Duplo_4, Pomar16_4
- Track 90 : Ph8s_4
- Track 91 : XianYue_4
- Track 92 : TarsusIV_5
- Track 93 : Herbertwm_1
- Track 94 : Larenn_5, Malec_5
- Track 95 : Colin_5, WeiHuaDA_5
- Track 96 : Che12_4
- Track 97 : Kalpine_4
- Track 98 : GaugeLDP_4, Trooper_5, BabyBack_4, Acolyte_4, Yecey3_4, SwirlSquare_4
- Track 99 : L5_4, Jsquared_4, Koduck_4, TipsytheTRex_4, Serenity_4
- Track 100 : Benvolio_5, Echild_5
- Track 101 : LionsBait_4
- Track 102 : MissWhite_4

- Track 103 : HippoHollow_4
- Track 104 : Iwokeupliedis_5
- Track 105 : Grub_1, Grif_1, Phoxy_1, Snickers_1, Louie6_1, Tiffany_1, Beauxregard13_1, Spike509_1, Fernando_1, AugsMagnumOpus_3, Bxz2_1, Vix_1, Microwolf_1, Aglet_1, Grum1_1, Stagni_1, StepMih_1, Mainiac_1, EpicPhail_1, LarryKay_1, Sabinator_1, PGHhamlin_3, MarQuardt_1, GtownJaz_1, Penny1_1, DaHudson_1, Watson_1, Malinsilva_3, KADY_2, Lilith_1, MethuseLah_1, Anubis_3, Farber_1, Hercules11_1, JHC117_1
- Track 106 : Todacoro_1, Pocahontas_1, ResDef_1, Caviar_1, Hookmount_1, Noella_1, Lambert1_1, Margo_1
- Track 107 : BabyRay_1
- Track 108 : JF4_1, MK4_1, JF2_1
- Track 109 : Dieselweasel_1, TinyPebbles_1, Soshari_3, JenCasNa_1, SoilDragon_1, Cullens_1, PotatoSplit_2, MoneyMay_1, MadMarie_1, Colbster_1, Daishi_1, BreSam8_1, HashRod_2, Taurus_1, Zetzy_1, Jobu08_1, P28Green_1, AgronaGT15_1, LugYA_3, Pembroke_1, Marie_1, LBerry_1, Rummer_1, Wooldri_3, Sabia_1, Phoebe_1
- Track 110 : Kalnoky_2, PurpleHaze_1, Pawn_1, Gemma_1, Heliosoles_1
- Track 111 : HelDan_1, Heathen_1
- Track 112 : Puppy_1, TNguyen7_1, Pistachio_1, BlueBird_1, Giroux_1
- Track 113 : Manu_2, Kalb97_2, JeppNRM_2, Groupthink_2, Reba_2, HaveUMetTed_2, Marius_2, Phranny_2, PhishRPhriends_1
- Track 114 : GingkoMaracino_1
- Track 115 : Ollie_1
- Track 116 : Isca_1
- Track 117 : Scout_1, Fred313_1, Kachowdy_1, Roimos_1
- Track 118 : OlanP_1
- Track 119 : Phantastic_1
- Track 120 : MA5_1
- Track 121 : Cerulean_1
- Track 122 : Stink_1
- Track 123 : Cindaradix_1
- Track 124 : ChampagnePapi_1
- Track 125 : LHTSCC_1
- Track 126 : Milcery_1, Aragog_1, Cuco_1, Discoknowium_1, Tiger_1, Phlorence_1, Lev2_1, Archetta_1
- Track 127 : Airmid_1
- Track 128 : AgentM_1, Twigg_1
- Track 129 : Coog_1, Midas2_1
- Track 130 : PickleBack_1, Jovo_1, Conspiracy_1
- Track 131 : Benedict_1, ElTiger69_1, PetterN_1, Jabiru_1, Chadwick_1, Scorpia_1, Naca_1
- Track 132 : HuhtaEnerson15_1
- Track 133 : UnionJack_87
- Track 134 : ForGetIt_1
- Track 135 : LittleCherry_1
- Track 136 : VohminGhazi_4, Dorothea_4, Anon_4, Indra_4, CloudWang3_4, BennyP_4, Artemis2UCLA_4, Helmet_4, Chartreuse_4, EricB_4, Hoot_4, Gladiator_4, BlessJoy_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, Blinn1_4, Jordennis_4, Priamo_4, WunderPhul_4, Roksolana_4, Hexamo_4, Zaka_4, Hammer_4, DaVinci_4, Blue7_4,

Kazan_4, Newrala_4, Isiphiwo_4, Polyphemus_4, Neeharika16_4
 • Track 137 : Timshel_1, DroogsArmy_1
 • Track 138 : FlyCatcher_1, Toro_1
 • Track 139 : Sheen_1
 • Track 140 : HINdeR_1
 • Track 141 : Stephig9_1, Dixon_1, Phillis_1, Smeadley_1, Saintus_1, Astro_1, Roary_1
 • Track 142 : NearlyHeadless_1
 • Track 143 : Darrell_4
 • Track 144 : Vanisoa_4
 • Track 145 : SheaKeira_4, Klodlith_4, Charm_4
 • Track 146 : 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 147 : ExplosioNervosa_4, Qobbit_4
 • Track 148 : Keziacharles14_4
 • Track 149 : LoneWolf_4, Elephantoon_4, Maminiaina_4
 • Track 150 : Toaka_4
 • Track 151 : Rahalelujah_4, BogosyJay_4
 • Track 152 : DreamTeam1_4
 • Track 153 : Arissanae_4
 • Track 154 : Maco6_63
 • Track 155 : FF47_64, 8UZL_67
 • Track 156 : Nergal_81
 • Track 157 : MalagasyRose_85
 • Track 158 : ThursdayNight_73
 • Track 159 : Nitro_70
 • Track 160 : Yang_68
 • Track 161 : Pixelle_68
 • Track 162 : DrManhattan_72, Adolin_71
 • Track 163 : Turab_68, Adumb2043_68, Eraser_69, AEgle_67, Niobe_69, Asa16_69, Tbone_69, Amploria_69, Cyan_70, Lizalica_69, JohnDoe_70, Powerpuff_71, Flutur_69, YesChef_69, Mudpuppy_68, Subaru_69, Skelbel_70, Lego_69, Joemato_71, Kaylissa_71, London_69, Warda_70, Tutumahutu_71, Elezi_68
 • Track 164 : Tuck_69, Community_70, Phives_70
 • Track 165 : Cassia_68
 • Track 166 : Amyev_68, Tian_67
 • Track 167 : Reedo_68
 • Track 168 : KeAlii_67
 • Track 169 : Tallboi_69
 • Track 170 : Iter_70, Ascela_71
 • Track 171 : ObiToo_74, Crewmate_74
 • Track 172 : PandaPo_69, MissSwiss_70
 • Track 173 : Janeemi_69
 • Track 174 : Berrie_69
 • Track 175 : Sue2_68
 • Track 176 : JuneStar_68
 • Track 177 : IttyBittyPiggy_70
 • Track 178 : Wildwest_65
 • Track 179 : VResidence_72
 • Track 180 : DrSierra_66
 • Track 181 : TforTroy_69
 • Track 182 : IUFootball_69, MaGuCo_63, Maureen_69, Liebe_69

- Track 183 : Tweety19_69, Snek_68
- Track 184 : AceofSpades_68
- Track 185 : JasmineDragon_70, ShakeltOph_70
- Track 186 : VroomVroom_67
- Track 187 : MiniMommy_70
- Track 188 : Emotion_74
- Track 189 : Exile_60
- Track 190 : Soondubu_62
- Track 191 : SPB78_77
- Track 192 : VWB_70
- Track 193 : Sujidade_2
- Track 194 : Nanodon_3
- Track 195 : Goby_2, Toma_2, Dattran_2
- Track 196 : TagerPhighter_3, BarryBee_3, Triste_2, SarahRose_2, Snorlax_2, Asten_2, Werner_2, Chucky_2, OzzyJ_3, Emaanora_3, Dwayne_2
- Track 197 : Bovely_2, Phettuccine_2, Esperer_2, Aaronocolus_2, Unstoppable_2, Leviticus_2, Nerdos_2, Indigo_2
- Track 198 : RedBear_3, South40_2, Katalie_2
- Track 199 : Ozzie_2, Legacy_2, Hydra_3, Caliburn_2, BeardedLady_2, SunsetPointe_2
- Track 200 : Eddasa_2, Izzy_2, Jash_2, Rusticus_2, BryanRecycles_2, Oliynyk_2
- Track 201 : Lika_2
- Track 202 : TuanPN_2, Ejemplo_2
- Track 203 : Lorelei_2, Nabi_2, Rana_2
- Track 204 : Yasdnit_2, Maneekul_2
- Track 205 : Whatever_2
- Track 206 : Godpower_2
- Track 207 : Brataylor_2
- Track 208 : Hippo_2
- Track 209 : Lannister_3
- Track 210 : Zemlya_2
- Track 211 : Celeste_2
- Track 212 : EnochSoames_2
- Track 213 : Danzina_2
- Track 214 : Tefunt_2
- Track 215 : Alvy_3, BartholomewSD_3, TinaBelcher_2, Bowden_2, TrvxScott_2, Thestral_2
- Track 216 : Zainub_3
- Track 217 : R4_1
- Track 218 : Pablito_2
- Track 219 : Axiom_3, Triumph_3
- Track 220 : Marav_3
- Track 221 : Omar_2, Haizum_2, Nishikigoi_2, Diane_2
- Track 222 : SqueakyClean_3, Animus_3, Janus_3, GirlDinner_2
- Track 223 : Loofah_3, Paedore_3
- Track 224 : Caelum_3
- Track 225 : Amethyst_2
- Track 226 : Hank144_2
- Track 227 : Jevington_3
- Track 228 : Daudau_2
- Track 229 : Issmi_2
- Track 230 : Andris_2
- Track 231 : Paolo_3, Puginator_3

- Track 232 : SunkenRoot_4
- Track 233 : Yosif_3
- Track 234 : Sudan_2, Alsaber_3
- Track 235 : Amela_2
- Track 236 : Verse_2
- Track 237 : Kaine_3
- Track 238 : Jhitchelle_2
- Track 239 : ZamZam_2
- Track 240 : Provolone_4, Conan_4, ElGato_4
- Track 241 : Speedwell_3
- Track 242 : Pavo_3
- Track 243 : Saftant_2
- Track 244 : Celery_4
- Track 245 : Verabelle_3
- Track 246 : BroPlease_1, GreenWeasel_1, phiHau3_1
- Track 247 : Celia_2, Itza_2, Urza_2
- Track 248 : VieEnRose_2
- Track 249 : Norvs_14, Smoothie_14, Lozinak_14, Miskis_12, Engineer_14, Aphelion_14, Toniann_14
- Track 250 : PhinkBoden_15, Cucurbita_13, ClubL_14, Dusty_13, Culver_13, WilliamBoone_12, Geeche_13, Abscondus_13, Bachita_15
- Track 251 : OneUp_9
- Track 252 : BrutonGaster_7
- Track 253 : Zareef_67, Azira_67, Wolfwood_67, Nibbles_67, Fribs8_67
- Track 254 : HippoPololi_68
- Track 255 : Survivors_69
- Track 256 : Dre3_68
- Track 257 : Angelique_76
- Track 258 : Bradissa_76
- Track 259 : Pollux_82, EMsquaredA_80, Floral_80
- Track 260 : EnalisNailo_76
- Track 261 : Wrigley_81, Jablanski_82, Posh_79, Pytheas_83
- Track 262 : JonJames_13, Cardigan_14
- Track 263 : Yvonnestic_14
- Track 264 : Bantam_8
- Track 265 : Daredevil_10
- Track 266 : SpeedDemon_90
- Track 267 : DatBoi_9
- Track 268 : Towmatter_9
- Track 269 : Mollymur_10
- Track 270 : MortyNRick_97, Birdsong_96, BearBQ_102
- Track 271 : Crater_100, Apricot_101
- Track 272 : Kuwabara_94
- Track 273 : KyriosFaba_25, Bradley2_25, Lola20_25, Yasuo_25, Gillker_25, Anseraureola_25, Danimal_25, Baine_25, EdElric_25, Cayde6_25, Jahseh_25
- Track 274 : Majesty_25, GoldenBlanche_25, Jannah_25, Erin_25, Duggle_26, Chatham_25, Gardevoir_25, JoBros_25, BarBear_25, YertPhresh_25, ManAs_25, Minima_25, Sara_25, Octopus_25, Picnic_25, NeumannU_25, Aztec_25, Goulash_25, Astro16_25, Horacetta_25, Slentz_25, Hernandez44_25, BurtonThePup_25, Puddles3_25, BinkBonk_25, Goobery_25, Sachet_25, SeaWolves_25, Luxx_25, Dooby_25, Owens_25, Picconator_25, Scrunchy_25, Alucard_25, Tyrellus_25, JaimeB_25, Pondwater_25, Witch_25, Yubaba_25, Myram_25, Dongwon_25, Jella_27, Ciel_25, PaoPu_25, LemonPepper_25

- Track 275 : JRok_25, McShie_25, BrokMonster_25
- Track 276 : MauiIvory_24, Bullzi2019_26, TomBrady12_26, Rira_25, Namsahir_27, Yami_25, Snuffles_27, Slizam_25, Cazares_25, TinyTruffula_25, Publix_26, Trireme_25, Miaurora_25, PuffyCat_25, Trackstar_25, IzzyPants24_25, Clownery_25, Lunatic_25
- Track 277 : Charbie_25, Sippinontea_25, Kojax4_25, Vanisius_25, LaviMo_25, Maneater_25, Madebyisha_25, Grayscar_25, TimoTea_25, Aries55_25, KayPaulus_25, MrGreen_25, Scamander_25, Burgy_25, Sage7_25, Cheesecake_25, Kaijohn_25, Avvas_25, Josuke_25, RoscoWindex_25, Bodhi17_25, Godfather_25, Rhysand_25, Jerky_25, Otwor_25, SantasSleigh_25, OdetoJoy_25, Wolfpack_25, VitulaEligans_25, Zahlia_25, Danno_25
- Track 278 : Bintii_25, Elspeth_26, HarperAnne_26, Upsilon_25, Ekko14_26, PoRanda_25, JooneeDee_25, MirimarMandM_25
- Track 279 : Azizam_25, Oaklynn_25
- Track 280 : BoomRoasted_25, KillerTomato_25, Bri160_25, Concrete_25
- Track 281 : BonaeVitae_27
- Track 282 : MasterPitts_25, DaftyDuck_25, DirtPie_25, Marichuy_26
- Track 283 : Noelani_25
- Track 284 : Hulk_25
- Track 285 : TeddyBoy_25, Rhogar_25, LionelHutz_25, HeadMave_25
- Track 286 : Eightball_25
- Track 287 : Naby_26
- Track 288 : Quaker_25, Kevanna_25, Loca_25, Livingwater_25, Leafy_25, Duggie_25, MelBee03_25
- Track 289 : Niffler_25, Stem_25, Nobel_25
- Track 290 : Gabbspett_25
- Track 291 : Efeko_27
- Track 292 : Biscayne_25
- Track 293 : ELee24_24
- Track 294 : Belthelas_25
- Track 295 : Honk_82
- Track 296 : Caron_82
- Track 297 : Mabodamaca_75
- Track 298 : Floof_81
- Track 299 : IAmGroot_75, GardenState_76
- Track 300 : Zeta1847_76
- Track 301 : Forester_71
- Track 302 : Gretchen_74, Percival_75
- Track 303 : SuperHands_73
- Track 304 : SuMoo_83
- Track 305 : Barnstormer_77, UtzChips_77
- Track 306 : Arianna_54, Poushou_54, TouchMeNot_54
- Track 307 : LunaStella_101, TChen_101, Renaud18_112
- Track 308 : Marvin_86, Lilbit_88, Beelzebub_96, Corazon_87, FeliMaine_92, Clarkson_93, Huphlepuuff_94, Pringar_88
- Track 309 : Caprice_85, JoieB_93, Raela_94, RedRaider77_92, VasuNzinga_90, Poise_93, Tesla_88, Blackbeetle_93
- Track 310 : Gattaca_91, MosMoris_88, GoongGoong_93
- Track 311 : LittleLaf_90
- Track 312 : Mendokysei_63
- Track 313 : Bernal13_59, Ibrahim_59, RonRayGun_59, ZenTime222_65, Whitty_58
- Track 314 : Nairb_57
- Track 315 : Nette_66

- Track 316 : Samy_101
- Track 317 : Attoomi_53
- Track 318 : Footloose_71
- Track 319 : 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 146, it was called in 617 of the 1042 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, 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, Alsaber_3, Alsfrö_2, Altman_3, Alvin_3, Alvy_3, Amethyst_2, Amploria_69, Amyev_68, Anaysia_4, Andris_2, Aneem_4, Anglerfish_2, Animus_3, 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, Atkinbua_1, Attoomi_53, AugsMagnumOpus_3, Axiom_3, BABullseye_4, BPBiebs31_2, BabyBack_4, BabyRay_1, BaconJack_2, Bactobuster_4, Baehexic_5, Barnstormer_77, Barriga_2, BarrowTuph_1, BartholomewSD_3, Battleship_5, Beatrix_1, Beauxregard13_1, Beelzebub_96, BeesKnees_2, BengiVuitton_4, BennyP_4, Benvolio_5, Berrie_69, Bethlehem_2, Bexan_1, BiancaTri92_4, Big3_1, BigMau_3, BigPaolini_1, Bigchungi_1, Bigfoot_1, BillKnuckles_2, Bircsak_2, Blackbeetle_93, BlessJoy_4, Blesser_1, Blinn1_4, BluSpix_1, Blue7_4, BlueBird_1, Blue_3, Bob3_2, BobSwaget_5, Bones_1, Boohoo_4, Bowden_2, Bowtie_4, Briton15_2, BroPlease_1, Bruns_1, Bud_4, Buggy_5, Burton_2, Buttons_2, Bxb1_1, Bxz2_1, C3_04, CRB1_4, CactusRose_1, Caelum_3, Caprice_85, Carlyle_2, Caron_82, Cassia_68, Caviar_1, Celery_4, Celia_2, Centaur_5, Chanagan_2, Changeling_4, Chargerpower_5, Chartreuse_4, Che12_4, ChipMunk_5, Ciao_1, Clarkson_93, CloudWang3_4, Colin_5, Community_70, Conan_4, ConceptII_2, Cookiedough_4, Corazon_87, Corvo_2, Crewmate_74, Crispicous1_1, Crucio_5, Cueylyss_1, Cyan_70, D29_4, D32_4, DBQu4n_4, DD5_2, DaHudson_1, DaVinci_4, Dalmatian_5, DeerParkTS_4, DekHockey33_4, Deloris_4, Dexes_2, Diane_2, Dignity_5, DirtDevil_2, Doom_1, Dorothea_4, DrFeelGood_1, DrManhattan_72, DrSierra_66, Drake55_5, Dreamboat_2, DroogsArmy_1, DudeLittle_5, Dulcie_1, Duplo_4, Dussy_2, Dynamix_2, EZMoney23_4, Echild_5, Edtherson_2, ElGato_4, Elezi_68, Elle_4, Emotion_74, EnochSoames_2, EnzoK_1, EpicPhail_1, Epsocamisio_4, Equemioh13_5, Eraser_69, EricB_4, Espresso_2, Euphoria_2, EvilGenius_5, Exile_60, Eyeball_1, Fajezeel_2, Fameo_5, Farber_1, Fascinus_1, FeliMaine_92, Fenn_1, Fernando_1, Fibonacci_4, FiringLine_5, First_004, Flare16_5, Flaverint_4, Floof_81, Flutur_69, Footloose_71, Forester_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, GirlDinner_2, Giroux_1, Gladiator_4, Gompeii16_2, Graduation_1, GrecoEtereo_2, GreedyLawyer_4, GreenWeasel_1, Greg_2, Gretchen_74, Grif_1, GroundGoblin_2, Groupthink_2, Grub_1, Grum1_1, Gruunaga_4, GtownJaz_1, Gwendoluna_1, Gyzlar_2, HINder_1, Haizum_2, Hami1_1, Hammer_4, Hank144_2, HarryHoudini_5, HarryOW_2, HaveUMetTed_2, Heffalump_5, Helmet_4, Herbertwm_1, Hercules11_1, Hermia_2, HermioneGrange_2, Hexamo_4, HippoHollow_4, Homines_2, Honk_82,

Hookmount_1, Hoot_4, Hope4ever_1, Huphlepuuff_94, Hutc2_4, IAmGroot_75, ILeeKay_1, IUFootball_69, Ichabod_2, IgnatiusPatJac_1, Indra_4, Insomnia_4, Inyanga_1, Iqorha_1, IronMan_4, Isca_1, Isiphiwo_4, Issmi_2, Iter_70, IttyBittyPiggy_70, Itza_2, Iwokeuplikedis_5, JC27_2, JF2_1, JF4_1, JHC117_1, JSwag_4, Jaan_4, Jabith_4, JackSparrow_1, Janeemi_69, Janus_3, Jasper_2, Jeeves_4, Jeffabunny_4, JeppNRM_2, Jerm2_2, Jerm_5, Jevington_3, JewelBug_4, Jhitchelle_2, Joemato_71, JohnDoe_70, JoieB_93, Jordennis_4, Jorgensen_2, Joselito_4, JoshKayV_5, Journey13_4, Jsquared_4, JuliaChild_2, JuneStar_68, KADY_2, KBG_2, Kaine_3, Kalb97_2, Kalpine_4, Kanely_3, KatherineG_4, Kaylissa_71, Kazan_4, KeAlii_67, Kenmech_2, Kerberos_4, KikiBouba_2, Killigrew_1, Kimona_1, KingCyrus_5, Kipper29_4, Koduck_4, Koko_4, Kugel_1, KyMonks1A_1, Kykar_1, L5_4, LadyBird_4, Lambert1_1, Lamina13_2, Landor_4, Larenn_5, LarryKay_1, LastResort_4, Lego_69, Leogania_4, Lesedi_1, Levia_1, Leviathan_5, Licorice_2, Liebe_69, LilBib_1, LilTurb_5, Lilbit_88, Lilbunny_4, Lilith_1, LionsBait_4, Lizalica_69, Lockley_2, Lokk_5, London_69, Loofah_3, Looper_4, Lopton_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, Manu_2, MarQuardt_1, Marav_3, Marcell_2, Marchy_2, Marco3_1, Marge_1, Margo_1, Marius_2, Maroc7_1, Marvin_86, MaryBeth_2, Maureen_69, McFly_4, McGuire_2, McSinger_2, MetalQZJ_2, Methuselah_1, Michley_1, Microwolf_1, MiculUcigas_5, Miko_5, MilleFeuille_1, MinecraftSteve_5, 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, Naira_1, Naji_4, Nebulosus_4, Nedarya_4, Neeharika16_4, Nerujay_1, Newrala_4, Nhonho_2, NicoleTera_4, Niobe_69, Nishikigoi_2, Nitro_70, Niza_3, Noella_1, Norz_2, Noxious_2, ObiToo_74, Odin_3, Ohno789_1, OlanP_1, Ollie_1, Omar_2, Oofda_4, Oogway_1, PGHhamlin_3, PSullivan_2, Pablito_2, PacerPaul_2, Paedore_3, PandaPo_69, Paolo_3, Paphu_1, Paraselene_1, Pari_2, Parliament_1, PascalRango_2, PattyP_2, Pavo_3, Payneful_2, Pelly_2, Penny1_1, Pepe_2, Percival_75, Perseus_1, Peterson_1, Petp2012_2, Petruccio_2, Ph8s_4, Phaded_4, PherrisBueller_2, PhineBark_1, PhishRPhriends_1, Phives_70, Philippers_1, Phoxy_1, Phranny_2, PinkPlastic_1, Pippin_2, Piro94_4, Pistachio_1, Pita2_2, Pixelle_68, Pmask_4, Pocahontas_1, Poise_93, Polyphemus_4, Pomar16_4, PowerRanger_1, Power_5, Powerpuff_71, Priamo_4, Pringar_88, ProMouse_1, Provolone_4, Puginator_3, Pukovnik_4, Puppet_1, Puppy_1, QTRlifeCrisis_1, QueenB2_5, QueenBeesly_5, R4_1, Rachaly_5, Raela_94, Raid_2, Rajelicia_2, Ravana_4, ReMo_4, Reba_2, RedRaider77_92, 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, Rutherford_1, STLscum_2, Sabinator_1, Saftant_2, Sagefire_2, Salz_4, Samy_101, SarFire_2, Scowl_2, Seabiscuit_2, Seanderson_1, SemperFi_5, Serenity_4, 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, Solon_1, Soondubu_62, SororFago_4, Sorpresa_1, Soups_4, Speedwell_3, Spike509_1, SpikeBT_1, SqueakyClean_3, Squee_1, Stagni_1, StarStuff_4, Steamy_4, StepMih_1, StewieG_1, StrongArm_1, Strosahl_4, SuMoo_83, Subaru_69, Sudan_2, Sue2_68, Sumter_1, Sunhee_4, Sunshine924_1, SuperAwesome_4, SuperCallie99_4, SuperHands_73, Superchunk_4, SweetiePie_5, SwirlSquare_4, SwissCheese_1, Switzer_2, Switzerland_4, Swole_2, TNguyen7_1, Tallboi_69, Target_2, TarsusIV_5, Tasp14_2, Tbone_69, Temprado_4, Teodoridan_1, Terrific_6, Tesla_88, TforTroy_69, TheloniousMonk_2, Thestral_2, Thor_2, ThursdayNight_73, Tian_67, Tiffany_1, Timothy_4, Timshel_1, TinaBelcher_2, TinyTimmy_4,

TipsytheTRex_4, Todacoro_1, Tomathan_4, Topgun_1, Tote_2, Traft412_3, Travvers_4, Treddle_2, Tripl3t_1, Tristan_4, Triumph_3, Trixie_4, Trooper_5, TrvxScott_2, Tuck_69, Tucker_4, Turab_68, Turbido_5, Turj99_1, Tutumahutu_71, Tweety19_69, TwoPeat_2, U2_2, Updawg_5, Urza_2, UtzChips_77, VA6_4, VC3_4, VResidence_72, VasuNzinga_90, Verabelle_3, Verse_2, VieEnRose_2, Violet_2, Vix_1, VohminGhazi_4, Waits_4, Warda_70, Warrior24_4, Watermelon_2, Watson_1, WeiHuaDA_5, Whabigail7_5, Wheeler_2, Whitspit_2, WideWale_5, Wiks_4, Wildwest_65, Wilkins_1, WunderPhul_4, XianYue_4, Yang_68, Yecey3_4, YesChef_69, Yokurt_4, Yosif_3, Zainub_3, Zaka_4, ZamZam_2, Zeeculate_1, Zephyr_1, Zeta1847_76, Zeuska_1, Zulu_4, phiHau3_1,

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

- AFIS_1, AgronaGT15_1, Amela_2, Bachome_4, BreSam8_1, Colbster_1, Cullens_1, Daishi_1, Daudau_2, Dieselweasel_1, Ebony_4, Gemma_1, GingkoMaracino_1, HashRod_2, Heliosoles_1, JenCasNa_1, Jobu08_1, KSSJEB_1, Kalnoky_2, Kimba_4, LBerry_1, LittleLaf_90, LugYA_3, MadMarie_1, Magnito_1, Marie_1, MoneyMay_1, MrGordo_1, Orange_4, P28Green_1, Papez_2, Pawn_1, Pembroke_1, Phoebe_1, PhrostyMug_1, Pinto_1, PotatoSplit_2, PurpleHaze_1, Rummer_1, Sabia_1, SoilDragon_1, Soshari_3, SunkenRoot_4, Taurus_1, Tefunt_2, TinyPebbles_1, Toaka_4, Trouble_1, Wooldri_3, Zetzy_1,

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

- 8UZL_67, Aaronocolus_2, Abrogate_20, Abscondus_13, AceofSpades_68, AgentM_1, Airmid_1, Aliter_4, Alma_4, Alucard_25, Angelique_76, Anseraureola_25, Aphelion_14, Apricot_101, Aragog_1, Archetta_1, Arianna_54, Aries55_25, Arissanae_4, Asten_2, Astro16_25, Astro_1, Avvas_25, Ayanochan_5, Azira_67, Azizam_25, Aztec_25, Bachita_15, Baine_25, Bantam_8, BarBear_25, BarryBee_3, BearBQ_102, BeardedLady_2, Beemo_4, Belthelas_25, Benedict_1, Bernal13_59, BinkBonk_25, Bintii_25, Birdsong_96, Biscayne_25, Bodhi17_25, BogosyJay_4, BonaeVitae_27, BoomRoasted_25, Bovely_2, Bradissa_76, Bradley2_25, Brataylor_2, Bri160_25, BrokMonster_25, BrutonGaster_7, BryanRecycles_2, Bullzi2019_26, Burgy_25, BurtonThePup_25, Caliburn_2, Cardigan_14, Catalina_4, Cayde6_25, Cazares_25, Celeste_2, Cerulean_1, Chadwick_1, ChampagnePapi_1, Charbie_25, Charm_4, Chatham_25, Cheesecake_25, Chucky_2, Chupacabra_1, Ciel_25, Cindaradix_1, Clownery_25, ClubL_14, Concrete_25, Conquerage_4, Conspiracy_1, Coog_1, Crater_100, Cuco_1, Cucurbita_13, Culver_13, DaftyDuck_25, Danimal_25, Danno_25, Danzina_2, Daredevil_10, Darrell_4, DARTHPhader_4, DatBoi_9, Dattran_2, DirtPie_25, Discoknowium_1, Dixon_1, Dongwon_25, Dooby_25, Douggie_25, Drake94_1, Dre3_68, DreamCatcher_2, DreamTeam1_4, Duggle_26, Dusty_13, Dwayne_2, ELee24_24, EMSquaredA_80, EagleEye_4, Eaglepride_1, EdElric_25, Eddasa_2, Edison31_1, Efeko_27, Eidsmoe_4, Eightball_25, Ejemplo_2, Ekko14_26, ElTiger69_1, Elephantoon_4, Elspeth_26, Emaanora_3, EmyBug_4, EnalisNailo_76, Engineer_14, Erin_25, Esperer_2, ExplosioNervosa_4, FF47_64, Fayely_4, Floral_80, FlyCatcher_1, ForGetIt_1, Fred313_1, Fribs8_67, Gabbspett_25, Gardevoir_25, Gattaca_91, Geeche_13, Gillker_25, Goby_2, Godfather_25, Godpower_2, GoldenBlanche_25, Goobery_25, GoongGoong_93, Goose_1, Goulash_25, Grayscar_25, HarperAnne_26, HeadMave_25, Heathen_1, HelDan_1, Hernandez44_25, HippoPololi_68, Hippo_2, Horacetta_25, HortumSL17_4, HuhtaEnerson15_1, Hulk_25, Hydra_3, Ibrahim_59, Indigo_2, IzzyPants24_25, Izzy_2, JRok_25, Jabiru_1, Jablanski_82, Jahseh_25, JaimeB_25, Jannah_25, Jash_2, JasmineDragon_70, Jella_27, Jerky_25, JoBros_25, JonJames_13, JooneeDee_25, Josuke_25, Jovo_1, Kachowdy_1, Kaijohn_25, Katalie_2, KayPaulus_25,

Kevanna_25, Keziacharles14_4, KillerTomato_25, KittenMittens_1, Klodlith_4,
 Kojax4_25, Kristoff_2, Kuwabara_94, KyriosFaba_25, LHTSCC_1, Lannister_3,
 LaviMo_25, Leafy_25, Legacy_2, LemonPepper_25, Lev2_1, Leviticus_2, Lika_2,
 LionelHutz_25, LittleCherry_1, Livingwater_25, Loca_25, Lola20_25, LoneWolf_4,
 Lorelei_2, Lozinak_14, Lucyedi_4, LunaStella_101, Lunatic_25, Luxx_25, Maco6_63,
 Madebyisha_25, Majesty_25, MalagasyRose_85, Maminaiaina_4, ManAs_25,
 Maneater_25, Maneekul_2, Marichuy_26, Marsha_2, MasterPitts_25, Mauilvory_24,
 McShie_25, MelBee03_25, Mendokysei_63, Miaurora_25, Midas2_1, Milcery_1,
 MiniMommy_70, Minima_25, MirimarMandM_25, Miskis_12, Mollymur_10,
 MortyNRick_97, MosMoris_88, MrGreen_25, MyraDee_1, Myram_25, Myxus_4,
 Nabi_2, Naby_26, Naca_1, Nairb_57, Namsahir_27, Nanodon_3, NearlyHeadless_1,
 Nerdos_2, Nergal_81, Nette_66, NeumannU_25, Nibbles_67, Niffler_25, Nobel_25,
 Noelani_25, Norvs_14, OKCentral2016_1, Oaklynn_25, Octopus_25, OdetoJoy_25,
 Oliynyk_2, OneUp_9, Otwor_25, Owens_25, Ozzie_2, OzzyJ_3, PackMan_4,
 PainterBoy_4, PaoPu_25, PeaceMeal1_1, PetterN_1, Phaeder_4, Phantastic_1,
 Pharaoh_4, Phettuccine_2, Phillis_1, PhinkBoden_15, Phlorence_1, Phonnegut_4,
 Picconator_25, PickleBack_1, Picnic_25, Pioneer_4, PoRanda_25, Pollux_82,
 Pondwater_25, Poompha_1, Posh_79, Poushou_54, Priya_4, Publix_26,
 Puddles3_25, PuffyCat_25, Pytheas_83, Qobbit_4, Quaker_25, Rahalelujah_4,
 Rana_2, Rebeuca_2, RedBear_3, Renaud18_112, Rhogar_25, RhynO_1,
 Rhysand_25, Rira_25, Roary_1, Roimos_1, RonRayGun_59, RoscoWindex_25,
 Ruotula_2, Rusticus_2, RyeScarlet_5, SPB78_77, Sachet_25, Sage7_25, Saintus_1,
 SantasSleigh_25, Sanya_1, Sara_25, SarahRose_2, Scamander_25, Scherzo_4,
 Scorpia_1, Scout_1, Scrunchy_25, SeaWolves_25, Severus_1, ShakeltOph_70,
 SheaKeira_4, Sheen_1, Sippinontea_25, Slentz_25, Slizam_25, Smeadley_1,
 Smoothie_14, Snorlax_2, Snuffles_27, South40_2, SpeedDemon_90, Spouty_4,
 Stem_25, Stephig9_1, Stink_1, Sujidade_2, SunsetPointe_2, Survivors_69,
 TChen_101, TagePhighter_3, Tailonex_1, TeddyBoy_25, Tiger_1, TimoTea_25,
 TinyTruffula_25, TomBrady12_26, Toma_2, Toniann_14, Topanga_1, Toro_1,
 TouchMeNot_54, Towmatter_9, Trackstar_25, Trireme_25, Triste_2, TuanPN_2,
 Tubs_4, Twigg_1, Twister_1, Tyrellus_25, UnionJack_87, Unstoppable_2,
 Upsilon_25, VWB_70, Vanisius_25, Vanisoa_4, VitulaEligans_25, VroomVroom_67,
 WalterMcMickey_1, Werner_2, Whatever_2, Whitty_58, WilliamBoone_12, Witch_25,
 Wolfpack_25, Wolfwood_67, Wrigley_81, Yami_25, Yasdnail_2, Yasuo_25,
 YertPhresh_25, Yubaba_25, Yvonnestic_14, Zahlia_25, Zareef_67, Zemlya_2,
 ZenTime222_65, Zimmer_4,

Summary by start number:

Start 65:

- Found in 1 of 1107 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amela_2 (BD3),

Start 70:

- Found in 27 of 1107 (2.4%) of genes in pham
- Manual Annotations of this start: 2 of 1042
- Called 7.4% of time when present
- Phage (with cluster) where this start called: Brataylor_2 (BD1), Whatever_2 (BD1),

Start 74:

- Found in 9 of 1107 (0.8%) of genes in pham

- Manual Annotations of this start: 2 of 1042
- Called 22.2% of time when present
- Phage (with cluster) where this start called: Heathen_1 (A3), HelDan_1 (A3),

Start 77:

- Found in 2 of 1107 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Godpower_2 (BD1),

Start 83:

- Found in 29 of 1107 (2.6%) of genes in pham
- Manual Annotations of this start: 6 of 1042
- Called 20.7% 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 86:

- Found in 1 of 1107 (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: Nette_66 (T),

Start 97:

- Found in 6 of 1107 (0.5%) of genes in pham
- Manual Annotations of this start: 2 of 1042
- Called 33.3% of time when present
- Phage (with cluster) where this start called: ChampagnePapi_1 (A4), Stink_1 (A4),

Start 98:

- Found in 6 of 1107 (0.5%) of genes in pham
- Manual Annotations of this start: 2 of 1042
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Cindaradix_1 (A4), Rebeuca_2 (A10),

Start 106:

- Found in 10 of 1107 (0.9%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 10.0% of time when present
- Phage (with cluster) where this start called: Daudau_2 (BD2),

Start 112:

- Found in 82 of 1107 (7.4%) of genes in pham
- Manual Annotations of this start: 4 of 1042
- Called 4.9% of time when present
- Phage (with cluster) where this start called: Magnito_1 (A1), PhrostyMug_1 (A1), Pinto_1 (A1), Trouble_1 (A1),

Start 119:

- Found in 31 of 1107 (2.8%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 3.2% of time when present
- Phage (with cluster) where this start called: Papez_2 (A1),

Start 122:

- Found in 23 of 1107 (2.1%) of genes in pham
- Manual Annotations of this start: 3 of 1042
- Called 13.0% of time when present
- Phage (with cluster) where this start called: ExplosioNervosa_4 (A9), Qobbit_4 (A9), Toaka_4 (A9),

Start 123:

- Found in 5 of 1107 (0.5%) of genes in pham
- No Manual Annotations of this start.
- Called 20.0% of time when present
- Phage (with cluster) where this start called: Tailonex_1 (singleton),

Start 126:

- Found in 203 of 1107 (18.3%) of genes in pham
- Manual Annotations of this start: 36 of 1042
- Called 17.7% of time when present
- Phage (with cluster) where this start called: AFIS_1 (A1), 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), KSSJEB_1 (A1), Kalnoky_2 (A3), LBerry_1 (A3), LugYA_3 (A3), MadMarie_1 (A3), Marie_1 (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 129:

- Found in 10 of 1107 (0.9%) of genes in pham
- Manual Annotations of this start: 3 of 1042
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Fred313_1 (A3), Kachowdy_1 (A3), Phantastic_1 (A3), Roimos_1 (A3), Scout_1 (A3),

Start 130:

- Found in 43 of 1107 (3.9%) of genes in pham
- Manual Annotations of this start: 41 of 1042
- Called 95.3% 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), Chupacabra_1 (A10), Conspiracy_1 (A5), Coog_1 (A5), Cuco_1 (A5), Discoknowium_1 (A5), Drake94_1 (A10), Eaglepride_1 (A10), Edison31_1 (A10), ElTiger69_1 (A5), ForGetIt_1 (A5), Goose_1 (A10), HuhtaEnerson15_1 (A5), Jabiru_1 (A5), Jovo_1 (A5), KittenMittens_1 (A10), Kristoff_2 (A10), Lev2_1 (A5), LittleCherry_1 (A5), Midas2_1 (A5), Milcery_1 (A5), Naca_1 (A5), OKCentral2016_1 (A10), PeaceMeal1_1 (A10), PetterN_1 (A5), Phlorence_1 (A5), PickleBack_1 (A5), Poompha_1 (A10), RhynO_1 (A10), Scorpio_1 (A5), Severus_1 (A10), Tiger_1 (A5), Topanga_1 (A10), Twigg_1 (A5), Twister_1 (A10), UnionJack_87 (A5), WalterMcMickey_1 (A10),

Start 136:

- Found in 3 of 1107 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1042

- Called 100.0% of time when present
- Phage (with cluster) where this start called: FlyCatcher_1 (A7), Sheen_1 (A7), Toro_1 (A7),

Start 137:

- Found in 14 of 1107 (1.3%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 7.1% of time when present
- Phage (with cluster) where this start called: Tefunt_2 (BD2),

Start 140:

- Found in 5 of 1107 (0.5%) of genes in pham
- Manual Annotations of this start: 4 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AceofSpades_68 (AZ4), JasmineDragon_70 (AZ4), MiniMommy_70 (AZ4), ShakeltOph_70 (AZ4), VroomVroom_67 (AZ4),

Start 141:

- Found in 66 of 1107 (6.0%) of genes in pham
- Manual Annotations of this start: 35 of 1042
- Called 57.6% 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), Cerulean_1 (A4), 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), LHTSCC_1 (A4), LoneWolf_4 (A9), Lucyedi_4 (A16), Maminina_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 142:

- Found in 3 of 1107 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: DarthPhader_4 (A12), Pharaoh_4 (A12), Zimmer_4 (A12),

Start 144:

- Found in 1 of 1107 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Marsha_2 (A1),

Start 145:

- Found in 60 of 1107 (5.4%) of genes in pham
- Manual Annotations of this start: 54 of 1042
- Called 93.3% of time when present
- Phage (with cluster) where this start called: Aaronocolus_2 (BD1), Asten_2 (BD1), BarryBee_3 (BD1), BeardedLady_2 (BD1), Bovely_2 (BD1), BryanRecycles_2 (BD1), Caliburn_2 (BD1), Celeste_2 (BD1), Chucky_2 (BD1), Dattran_2 (BD1), Dwayne_2 (BD1), Eddasa_2 (BD1), Ejemplo_2 (BD1), Emaanora_3 (BD1), Esperer_2 (BD1),

Gattaca_91 (S), Goby_2 (BD1), GoongGoong_93 (S), Hippo_2 (BD1), Hydra_3 (BD1), Indigo_2 (BD1), Izzy_2 (BD1), Jash_2 (BD1), Katalie_2 (BD1), Lannister_3 (BD1), Legacy_2 (BD1), Leviticus_2 (BD1), Lika_2 (BD1), Lorelei_2 (BD1), Maneekul_2 (BD1), MosMoris_88 (S), Nabi_2 (BD1), Nanodon_3 (BD1), Nerdos_2 (BD1), Oliynyk_2 (BD1), Ozzie_2 (BD1), OzzyJ_3 (BD1), Phettuccine_2 (BD1), Rana_2 (BD1), RedBear_3 (BD1), Rusticus_2 (BD1), SPB78_77 (BA), SarahRose_2 (BD1), Snorlax_2 (BD1), South40_2 (BD1), Sujidade_2 (BD1), SunsetPointe_2 (BD1), TagePhighter_3 (BD1), Toma_2 (BD1), Triste_2 (BD1), TuanPN_2 (BD1), Unstoppable_2 (BD1), VWB_70 (BA), Werner_2 (BD1), Yasdnil_2 (BD1), Zemlya_2 (BD1),

Start 146:

- Found in 708 of 1107 (64.0%) of genes in pham
- Manual Annotations of this start: 617 of 1042
- Called 92.9% 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), 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), Alsaber_3 (BD3), Alsfro_2 (A1), Altman_3 (A1), Alvin_3 (A1), Alvy_3 (BD2), Amethyst_2 (BD2), Amploria_69 (AZ1), Amyev_68 (AZ1), Anaysia_4 (A15), Andris_2 (BD2), Aneem_4 (A11), Anglerfish_2 (A1), Animus_3 (BD2), 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), Atkinbua_1 (A1), Attoomi_53 (singleton), AugsMagnumOpus_3 (A3), Axiom_3 (BD2), 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), BartholomewSD_3 (BD2), Battleship_5 (A15), Beatrix_1 (A1), Beauxregard13_1 (A3), Beelzebub_96 (S), BeesKnees_2 (A1), BengiVuitton_4 (A2), BennyP_4 (A6), Benvolio_5 (A2), Berrie_69 (AZ1), Bethlehem_2 (A1), Bexan_1 (A1), BiancaTri92_4 (A2), Big3_1 (A1), BigMau_3 (A1), BigPaolini_1 (A1), Bigchungi_1 (A1), Bigfoot_1 (A1), BillKnuckles_2 (A1), Bircsak_2 (A1), Blackbeetle_93 (S), BlessJoy_4 (A6), Blessier_1 (A1), Blinn1_4 (A6), BluSpix_1 (A1), Blue7_4 (A6), BlueBird_1 (A3), Blue_3 (A1), Bob3_2 (A1), BobSwaget_5 (A2), Bones_1 (A1), Boohoo_4 (A15), Bowden_2 (BD2), Bowtie_4 (A11), Briton15_2 (A1), BroPlease_1 (BD4), Bruns_1 (A1), Bud_4 (A11), Bugsy_5 (A2), Burton_2 (A1), Buttons_2 (A1), Bxb1_1 (A1), Bxz2_1 (A3), C3_04 (A2), CRB1_4 (A2), CactusRose_1 (A1), Caelum_3 (BD2), Caprice_85 (S), Carlyle_2 (A1), Caron_82 (EH), Cassia_68 (AZ1), Caviar_1 (A3), Celery_4 (BD3), Celia_2 (BD6), Centaur_5 (A2), Chanagan_2 (A1), Changeling_4 (A2), Chargerpower_5 (A22), Chartreuse_4 (A6), Che12_4 (A2), ChipMunk_5 (A2), Ciao_1 (A1), Clarkson_93 (S), CloudWang3_4 (A6), Colin_5 (A2), Community_70 (AZ1), Conan_4 (BD3), ConceptII_2 (A1), Cookiedough_4 (A6), Corazon_87 (S), Corvo_2 (A1), Crewmate_74 (AZ1), Crispicous1_1 (A1), Crucio_5 (A2), Cueylyss_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), DeerParkTS_4 (A2), DekHockey33_4 (A15), Deloris_4 (A2), Dexes_2 (A1), Diane_2 (BD2), Dignity_5 (A2), DirtDevil_2 (A1), 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), Dynamix_2 (A1), EZMoney23_4 (A2), Echid_5 (A2), Edtherson_2 (A1), ElGato_4 (BD3), Elezi_68 (AZ1), Elle_4 (A15), Emotion_74 (AZ4), EnochSoames_2 (BD1), EnzoK_1 (A1), EpicPhail_1 (A3), Epsocamisio_4 (A15), Equemioh13_5 (A2),

Eraser_69 (AZ1), EricB_4 (A6), 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), FeliMaine_92 (S), 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), Forester_71 (EH), 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), GirlDinner_2 (BD2), Giroux_1 (A3), Gladiator_4 (A6), Gompeii16_2 (A1), Graduation_1 (A1), GrecoEtereo_2 (A1), GreedyLawyer_4 (A6), GreenWeasel_1 (BD4), 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), Haizum_2 (BD2), Hami1_1 (A1), Hammer_4 (A6), Hank144_2 (BD2), 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), Homines_2 (A1), Honk_82 (EH), Hookmount_1 (A3), Hoot_4 (A6), Hope4ever_1 (A1), Huphlepuuff_94 (S), Hutc2_4 (A11), IAmGroot_75 (EH), ILeeKay_1 (A1), IUFootball_69 (AZ2), Ichabod_2 (A1), IgnatiusPatJac_1 (A1), Indra_4 (A6), Insomnia_4 (A11), Inyanga_1 (A1), Iqorha_1 (A1), IronMan_4 (A2), Isca_1 (A3), Isiphiwo_4 (A6), Issmi_2 (BD2), Iter_70 (AZ1), IttyBittyPiggy_70 (AZ1), Itza_2 (BD6), Iwokeuplikedis_5 (A2), 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), Janus_3 (BD2), Jasper_2 (A1), Jeeves_4 (A14), Jeffabunny_4 (A6), JeppNRM_2 (A3), Jerm2_2 (A1), Jerm_5 (A2), Jevington_3 (BD2), JewelBug_4 (A6), Jhitchelle_2 (BD3), Joemato_71 (AZ1), JohnDoe_70 (AZ1), JoieB_93 (S), 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), Kaine_3 (BD3), Kalb97_2 (A3), Kalpine_4 (A2), Kanely_3 (A1), 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), Koduck_4 (A2), 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), Larenn_5 (A2), LarryKay_1 (A3), LastResort_4 (A15), Lego_69 (AZ1), Leogania_4 (A2), Lesedi_1 (A1), Levia_1 (A1), Leviathan_5 (A2), Licorice_2 (A1), Liebe_69 (AZ2), LilBib_1 (A1), LilTurb_5 (A2), Lilbit_88 (S), Lilbunny_4 (A6), Lilith_1 (A3), LionsBait_4 (A2), Lizalica_69 (AZ1), Lockley_2 (A1), Lokk_5 (A2), London_69 (AZ1), Loofah_3 (BD2), Looper_4 (A15), Lopton_2 (A1), 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), Manu_2 (A3), MarQuardt_1 (A3), Marav_3 (BD2), Marcell_2 (A1), Marchy_2 (A1), Marco3_1 (A1), Marge_1 (A1), Margo_1 (A3), Marius_2 (A3), Maroc7_1 (A1), Marvin_86 (S), 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), MilleFeuille_1 (A1), MinecraftSteve_5 (A15), MissSwiss_70 (AZ1), MissWhite_4 (A2), Mkhuse1_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), Naira_1 (A1), Naji_4 (A2), Nebulosus_4 (A15), Nedarya_4 (A15), Neeharika16_4 (A6), Nerujay_1 (A1), Newrala_4 (A6), Nhonho_2 (A1), NicoleTera_4 (A2), Niobe_69 (AZ1), Nishikigoi_2 (BD2), 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),

Ollie_1 (A3), Omar_2 (BD2), Oofda_4 (A15), Oogway_1 (A1), PGHhamlin_3 (A3),
 PSullivan_2 (A1), Pablito_2 (BD2), PacerPaul_2 (A1), Paedore_3 (BD2),
 PandaPo_69 (AZ1), Paolo_3 (BD2), Paphu_1 (A1), Paraselene_1 (A1), Pari_2 (A1),
 Parliament_1 (A1), PascalRango_2 (A1), PattyP_2 (A1), Pavo_3 (BD3), Payneful_2
 (A1), Pelly_2 (A1), Penny1_1 (A3), Pepe_2 (A1), Percival_75 (EH), Perseus_1 (A1),
 Peterson_1 (A1), Petp2012_2 (A1), Petruchio_2 (A1), Ph8s_4 (A2), Phaded_4 (A2),
 PherrisBueller_2 (A1), PhineBark_1 (A1), PhishRPhriends_1 (A3), Phives_70 (AZ1),
 Philippers_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), Poise_93 (S), Polyphemus_4 (A6), Pomar16_4 (A2),
 PowerRanger_1 (A1), Power_5 (A2), Powerpuff_71 (AZ1), Priamo_4 (A6), Pringar_88
 (S), ProMouse_1 (A1), Provolone_4 (BD3), Puginator_3 (BD2), Pukovnik_4 (A2),
 Puppet_1 (A1), Puppy_1 (A3), QTRlifeCrisis_1 (A1), QueenB2_5 (A2),
 QueenBeesly_5 (A2), R4_1 (BD2), Rachaly_5 (A2), Raela_94 (S), Raid_2 (A1),
 Rajelicia_2 (A1), Ravana_4 (A15), ReMo_4 (A15), Reba_2 (A3), RedRaider77_92
 (S), 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),
 Rutherford_1 (A1), STLscum_2 (A1), Sabinator_1 (A3), Saftant_2 (BD3), Sagefire_2
 (A1), Salz_4 (A11), Samy_101 (singleton), SarFire_2 (A1), Scowl_2 (A1),
 Seabiscuit_2 (A1), Seanderson_1 (A1), SemperFi_5 (A2), Serenity_4 (A2), 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),
 Smeago1_1 (A1), SmellyB_4 (A6), SnapTap_5 (A2), Snape_4 (A11), Snazzy_1 (A1),
 Snek_68 (AZ3), Snickers_1 (A3), Solon_1 (A1), Soondubu_62 (AZ6), SororFago_4
 (A14), Sorpresa_1 (A1), Soups_4 (A15), Speedwell_3 (BD3), Spike509_1 (A3),
 SpikeBT_1 (A1), SqueakyClean_3 (BD2), 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), Sudan_2 (BD3), Sue2_68
 (AZ1), Sumter_1 (A1), Sunhee_4 (A14), Sunshine924_1 (A1), SuperAwesome_4
 (A6), SuperCallie99_4 (A6), SuperHands_73 (EH), Superchunk_4 (A2), SweetiePie_5
 (A2), SwirlSquare_4 (A2), SwissCheese_1 (A1), Switzer_2 (A1), Switzerland_4 (A15),
 Swole_2 (A1), TNguyen7_1 (A3), Tallboi_69 (AZ1), Target_2 (A1), TarsusIV_5 (A2),
 Tasp14_2 (A1), Tbone_69 (AZ1), Temprado_4 (A6), Teodoridan_1 (A1), Terrific_6
 (A2), Tesla_88 (S), TforTroy_69 (AZ1), TheloniousMonk_2 (A1), Thestral_2 (BD2),
 Thor_2 (A1), ThursdayNight_73 (AZ), Tian_67 (AZ1), Tiffany_1 (A3), Timothy_4
 (A11), Timshel_1 (A7), TinaBelcher_2 (BD2), TinyTimmy_4 (A11), TopsytheTRex_4
 (A2), Todacoro_1 (A3), Tomathan_4 (A2), Topgun_1 (A1), Tote_2 (A1), Traft412_3
 (A1), Travvers_4 (A2), Treddle_2 (A1), Tripl3t_1 (A1), Tristan_4 (A2), Triumph_3
 (BD2), Trixie_4 (A2), Trooper_5 (A2), TrvxScott_2 (BD2), 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), Updawg_5 (A2), Urza_2 (BD6),
 UtzChips_77 (EH), VA6_4 (A2), VC3_4 (A2), VResidence_72 (AZ1), VasuNzinga_90
 (S), Verabelle_3 (BD3), Verse_2 (BD3), VieEnRose_2 (BD6), Violet_2 (A1), Vix_1
 (A3), VohminGhazi_4 (A6), Waits_4 (A15), Warda_70 (AZ1), Warrior24_4 (A15),
 Watermelon_2 (A1), Watson_1 (A3), WeiHuaDA_5 (A2), 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), Yecy3_4
 (A9), YesChef_69 (AZ1), Yokurt_4 (A6), Yosif_3 (BD3), Zainub_3 (BD2), Zaka_4
 (A6), ZamZam_2 (BD3), Zeeculate_1 (A1), Zephyr_1 (A1), Zeta1847_76 (EH),
 Zeuska_1 (A1), Zulu_4 (A6), phiHau3_1 (BD4),

Start 147:

- Found in 1 of 1107 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: MyraDee_1 (A18),

Start 148:

- Found in 8 of 1107 (0.7%) of genes in pham
- Manual Annotations of this start: 8 of 1042
- 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 149:

- Found in 2 of 1107 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: MalagasyRose_85 (AG), Nergal_81 (AG),

Start 150:

- Found in 11 of 1107 (1.0%) of genes in pham
- Manual Annotations of this start: 11 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arianna_54 (EO), Azira_67 (CT), Dre3_68 (CT), Fribs8_67 (CT), HippoPololi_68 (CT), Nibbles_67 (CT), Poushou_54 (EO), Survivors_69 (CT), TouchMeNot_54 (EO), Wolfwood_67 (CT), Zareef_67 (CT),

Start 151:

- Found in 27 of 1107 (2.4%) of genes in pham
- Manual Annotations of this start: 25 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abscondus_13 (CQ1), Aphelion_14 (CQ1), Bachita_15 (CQ1), Bantam_8 (DL), BrutonGaster_7 (CQ2), Cardigan_14 (DD), ClubL_14 (CQ1), Cucurbita_13 (CQ1), Culver_13 (CQ1), Daredevil_10 (DL), DatBoi_9 (DL), Dusty_13 (CQ1), Engineer_14 (CQ1), Geeche_13 (CQ1), JonJames_13 (DD), Lozinak_14 (CQ1), Miskis_12 (CQ1), Mollymur_10 (DL), Norvs_14 (CQ1), OneUp_9 (CQ2), PhinkBoden_15 (CQ1), Smoothie_14 (CQ1), SpeedDemon_90 (DL), Toniann_14 (CQ1), Towmatter_9 (DL), WilliamBoone_12 (CQ1), Yvonnestic_14 (DD),

Start 152:

- Found in 9 of 1107 (0.8%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 11.1% of time when present
- Phage (with cluster) where this start called: Airmid_1 (A5),

Start 153:

- Found in 167 of 1107 (15.1%) of genes in pham
- Manual Annotations of this start: 161 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abrogate_20 (A1), Alucard_25 (EE), Angelique_76 (CY1), Anseraureola_25 (EE), Aries55_25 (EE), Astro16_25 (EE),

Avvas_25 (EE), Azizam_25 (EE), Aztec_25 (EE), Baine_25 (EE), BarBear_25 (EE),
 BeltheLas_25 (EE), BinkBonk_25 (EE), Bintii_25 (EE), Biscayne_25 (EE), Bodhi17_25
 (EE), BonaeVitae_27 (EE), BoomRoasted_25 (EE), Bradissa_76 (CY1), Bradley2_25
 (EE), Bri160_25 (EE), BrokMonster_25 (EE), Bullzi2019_26 (EE), Burgy_25 (EE),
 BurtonThePup_25 (EE), Cayde6_25 (EE), Cazares_25 (EE), Charbie_25 (EE),
 Chatham_25 (EE), Cheesecake_25 (EE), Ciel_25 (EE), Clownery_25 (EE),
 Concrete_25 (EE), DaftyDuck_25 (EE), Danimal_25 (EE), Danno_25 (EE), DirtPie_25
 (EE), Dongwon_25 (EE), Dooby_25 (EE), Douggie_25 (EE), DreamCatcher_2 (A1),
 Duggle_26 (EE), ELee24_24 (EE), EMSquaredA_80 (CY1), EdElric_25 (EE),
 Efeko_27 (EE), Eightball_25 (EE), Ekko14_26 (EE), Elspeth_26 (EE), EnalisNailo_76
 (CY1), Erin_25 (EE), Floral_80 (CY1), Gabbspett_25 (EE), Gardevoir_25 (EE),
 Gillker_25 (EE), Godfather_25 (EE), GoldenBlanche_25 (EE), Goobery_25 (EE),
 Goulash_25 (EE), Grayscar_25 (EE), HarperAnne_26 (EE), HeadMave_25 (EE),
 Hernandez44_25 (EE), Horacetta_25 (EE), Hulk_25 (EE), IzzyPants24_25 (EE),
 JRok_25 (EE), Jablanski_82 (CY3), Jahseh_25 (EE), JaimeB_25 (EE), Jannah_25
 (EE), Jella_27 (EE), Jerky_25 (EE), JoBros_25 (EE), JooneeDee_25 (EE), Josuke_25
 (EE), Kaijohn_25 (EE), KayPaulus_25 (EE), Kevanna_25 (EE), KillerTomato_25 (EE),
 Kojax4_25 (EE), KyriosFaba_25 (EE), LaviMo_25 (EE), Leafy_25 (EE),
 LemonPepper_25 (EE), LionelHutz_25 (EE), Livingwater_25 (EE), Loca_25 (EE),
 Lola20_25 (EE), LunaStella_101 (F4), Lunatic_25 (EE), Luxx_25 (EE),
 Madebyisha_25 (EE), Majesty_25 (EE), ManAs_25 (EE), Maneater_25 (EE),
 Marichuy_26 (EE), MasterPitts_25 (EE), Mauilvory_24 (EE), McShie_25 (EE),
 MelBee03_25 (EE), Miaurora_25 (EE), Minima_25 (EE), MirimarMandM_25 (EE),
 MrGreen_25 (EE), Myram_25 (EE), Naby_26 (EE), Namsahir_27 (EE),
 NeumannU_25 (EE), Niffler_25 (EE), Nobel_25 (EE), Noelani_25 (EE), Oaklynn_25
 (EE), Octopus_25 (EE), OdetoJoy_25 (EE), Otwor_25 (EE), Owens_25 (EE),
 PaoPu_25 (EE), Picconator_25 (EE), Picnic_25 (EE), PoRanda_25 (EE), Pollux_82
 (CY1), Pondwater_25 (EE), Posh_79 (CY4), Publix_26 (EE), Puddles3_25 (EE),
 PuffyCat_25 (EE), Pytheas_83 (CY3), Quaker_25 (EE), Renaud18_112 (F4),
 Rhogar_25 (EE), Rhysand_25 (EE), Rira_25 (EE), RoscoWindex_25 (EE), Ruotula_2
 (A1), Sachet_25 (EE), Sage7_25 (EE), SantasSleigh_25 (EE), Sanya_1 (A1),
 Sara_25 (EE), Scamander_25 (EE), Scrunchy_25 (EE), SeaWolves_25 (EE),
 Sippinontea_25 (EE), Slentz_25 (EE), Slizam_25 (EE), Snuffles_27 (EE), Stem_25
 (EE), TChen_101 (F4), TeddyBoy_25 (EE), TimoTea_25 (EE), TinyTruffula_25 (EE),
 TomBrady12_26 (EE), Trackstar_25 (EE), Trireme_25 (EE), Tyrellus_25 (EE),
 Upsilon_25 (EE), Vanisius_25 (EE), VitulaEligans_25 (EE), Witch_25 (EE),
 Wolfpack_25 (EE), Wrigley_81 (CY4), Yami_25 (EE), Yasuo_25 (EE), YertPhresh_25
 (EE), Yubaba_25 (EE), Zahlia_25 (EE),

Start 154:

- Found in 6 of 1107 (0.5%) of genes in pham
- Manual Annotations of this start: 6 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Apricot_101 (DN3), BearBQ_102 (DN), Birdsong_96 (DN), Crater_100 (DN3), Kuwabara_94 (DN4), MortyNRick_97 (DN),

Start 155:

- Found in 27 of 1107 (2.4%) of genes in pham
- Manual Annotations of this start: 3 of 1042
- Called 14.8% of time when present
- Phage (with cluster) where this start called: Bachome_4 (A11), Ebony_4 (A11), Kimba_4 (A11), Orange_4 (A11),

Start 156:

- Found in 3 of 1107 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 8UZL_67 (AB), FF47_64 (AB), Maco6_63 (AB),

Start 157:

- Found in 20 of 1107 (1.8%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 5.0% of time when present
- Phage (with cluster) where this start called: LittleLaf_90 (S),

Start 159:

- Found in 26 of 1107 (2.3%) of genes in pham
- Manual Annotations of this start: 1 of 1042
- Called 3.8% of time when present
- Phage (with cluster) where this start called: Mendokysei_63 (T),

Start 163:

- Found in 177 of 1107 (16.0%) of genes in pham
- No Manual Annotations of this start.
- Called 0.6% of time when present
- Phage (with cluster) where this start called: SunkenRoot_4 (BD3),

Summary by clusters:

There are 52 clusters represented in this pham: DN, singleton, BA, DD, DL, DN3, A7, CY1, A15, A14, A17, A16, A11, A10, A12, A19, A18, A1, BD4, A3, A2, BD1, A4, BD3, A6, A9, CQ2, CQ1, CY3, EO, AB, EH, AG, CY4, EE, BD2, S, T, A8, A5, CT, A20, A22, F4, AZ, BD6, AZ1, AZ2, AZ3, AZ4, DN4, AZ6,

Info for manual annotations of cluster A1:

- Start number 112 was manually annotated 4 times for cluster A1.
- Start number 119 was manually annotated 1 time for cluster A1.
- Start number 126 was manually annotated 3 times for cluster A1.
- Start number 144 was manually annotated 1 time for cluster A1.
- Start number 146 was manually annotated 210 times for cluster A1.
- Start number 153 was manually annotated 3 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 98 was manually annotated 1 time for cluster A10.
- Start number 130 was manually annotated 15 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 146 was manually annotated 19 times for cluster A11.
- Start number 155 was manually annotated 3 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 142 was manually annotated 3 times for cluster A12.
- Start number 146 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 146 was manually annotated 5 times for cluster A14.

Info for manual annotations of cluster A15:

- Start number 146 was manually annotated 24 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 141 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 147 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 146 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 146 was manually annotated 105 times for cluster A2.

Info for manual annotations of cluster A20:

- Start number 146 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:

- Start number 146 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

- Start number 74 was manually annotated 2 times for cluster A3.
- Start number 126 was manually annotated 32 times for cluster A3.
- Start number 129 was manually annotated 3 times for cluster A3.
- Start number 146 was manually annotated 65 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 97 was manually annotated 2 times for cluster A4.
- Start number 98 was manually annotated 1 time for cluster A4.
- Start number 141 was manually annotated 2 times for cluster A4.

Info for manual annotations of cluster A5:

- Start number 130 was manually annotated 26 times for cluster A5.
- Start number 152 was manually annotated 1 time for cluster A5.

Info for manual annotations of cluster A6:

- Start number 146 was manually annotated 47 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 136 was manually annotated 1 time for cluster A7.
- Start number 146 was manually annotated 3 times for cluster A7.

Info for manual annotations of cluster A8:

- Start number 148 was manually annotated 8 times for cluster A8.

Info for manual annotations of cluster A9:

- Start number 122 was manually annotated 3 times for cluster A9.
- Start number 141 was manually annotated 30 times for cluster A9.
- Start number 146 was manually annotated 1 time for cluster A9.

Info for manual annotations of cluster AB:

- Start number 156 was manually annotated 1 time for cluster AB.

Info for manual annotations of cluster AG:

- Start number 149 was manually annotated 2 times for cluster AG.

Info for manual annotations of cluster AZ1:

- Start number 146 was manually annotated 44 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 146 was manually annotated 3 times for cluster AZ2.

Info for manual annotations of cluster AZ3:

- Start number 146 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:

- Start number 140 was manually annotated 4 times for cluster AZ4.
- Start number 146 was manually annotated 1 time for cluster AZ4.

Info for manual annotations of cluster AZ6:

- Start number 146 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BD1:

- Start number 70 was manually annotated 2 times for cluster BD1.
- Start number 77 was manually annotated 1 time for cluster BD1.
- Start number 126 was manually annotated 1 time for cluster BD1.
- Start number 145 was manually annotated 51 times for cluster BD1.

Info for manual annotations of cluster BD2:

- Start number 106 was manually annotated 1 time for cluster BD2.
- Start number 137 was manually annotated 1 time for cluster BD2.
- Start number 146 was manually annotated 30 times for cluster BD2.

Info for manual annotations of cluster BD3:

- Start number 65 was manually annotated 1 time for cluster BD3.
- Start number 146 was manually annotated 13 times for cluster BD3.

Info for manual annotations of cluster BD4:

- Start number 146 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster BD6:

- Start number 146 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster CQ1:

- Start number 151 was manually annotated 15 times for cluster CQ1.

Info for manual annotations of cluster CQ2:

- Start number 151 was manually annotated 2 times for cluster CQ2.

Info for manual annotations of cluster CT:

- Start number 150 was manually annotated 8 times for cluster CT.

Info for manual annotations of cluster CY1:

- Start number 153 was manually annotated 6 times for cluster CY1.

Info for manual annotations of cluster CY3:

- Start number 153 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:

- Start number 153 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster DD:

- Start number 151 was manually annotated 2 times for cluster DD.

Info for manual annotations of cluster DL:

- Start number 151 was manually annotated 6 times for cluster DL.

Info for manual annotations of cluster DN:

- Start number 154 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN3:

- Start number 154 was manually annotated 2 times for cluster DN3.

Info for manual annotations of cluster DN4:

- Start number 154 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster EE:

- Start number 153 was manually annotated 145 times for cluster EE.

Info for manual annotations of cluster EH:

- Start number 146 was manually annotated 14 times for cluster EH.

Info for manual annotations of cluster EO:

- Start number 150 was manually annotated 3 times for cluster EO.

Info for manual annotations of cluster F4:

- Start number 153 was manually annotated 3 times for cluster F4.

Info for manual annotations of cluster S:

- Start number 145 was manually annotated 3 times for cluster S.
- Start number 146 was manually annotated 15 times for cluster S.
- Start number 157 was manually annotated 1 time for cluster S.

Info for manual annotations of cluster T:

- Start number 83 was manually annotated 6 times for cluster T.
- Start number 159 was manually annotated 1 time for cluster T.

Gene Information:

Gene: 20ES_4 Start: 2483, Stop: 2779, Start Num: 146

Candidate Starts for 20ES_4:

(Start: 146 @2483 has 617 MA's),

Gene: 40AC_5 Start: 2296, Stop: 2592, Start Num: 146

Candidate Starts for 40AC_5:

(Start: 146 @2296 has 617 MA's), (181, 2413),

Gene: 8UZL_67 Start: 46153, Stop: 46452, Start Num: 156

Candidate Starts for 8UZL_67:

(115, 46051), (Start: 156 @46153 has 1 MA's), (161, 46180), (178, 46231), (190, 46288), (205, 46384),

Gene: AEgle_67 Start: 42706, Stop: 43008, Start Num: 146

Candidate Starts for AEgle_67:

(Start: 146 @42706 has 617 MA's), (Start: 159 @42757 has 1 MA's), (163, 42772), (180, 42823), (196, 42898), (212, 42997),

Gene: AFIS_1 Start: 572, Stop: 895, Start Num: 126

Candidate Starts for AFIS_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (Start: 155 @632 has 3 MA's), (182, 722), (200, 812), (208, 848),

Gene: AN3_4 Start: 2464, Stop: 2760, Start Num: 146

Candidate Starts for AN3_4:

(Start: 146 @2464 has 617 MA's), (182, 2587),

Gene: AN9_4 Start: 2344, Stop: 2640, Start Num: 146

Candidate Starts for AN9_4:

(Start: 146 @2344 has 617 MA's),

Gene: ANI8_4 Start: 2344, Stop: 2640, Start Num: 146

Candidate Starts for ANI8_4:

(Start: 146 @2344 has 617 MA's),

Gene: Aaronocolus_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Aaronocolus_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: AbbyPaige_5 Start: 2538, Stop: 2834, Start Num: 146

Candidate Starts for AbbyPaige_5:

(Start: 146 @2538 has 617 MA's), (182, 2661),

Gene: Abbysshoes_2 Start: 758, Stop: 1054, Start Num: 146

Candidate Starts for Abbysshoes_2:

(Start: 146 @758 has 617 MA's), (182, 881), (195, 935), (200, 971), (208, 1007),

Gene: Abrogate_20 Start: 1334, Stop: 1624, Start Num: 153

Candidate Starts for Abrogate_20:

(17, 899), (38, 1016), (82, 1172), (87, 1181), (90, 1184), (Start: 153 @1334 has 161 MA's), (158, 1361), (200, 1541), (208, 1577),

Gene: Abscondus_13 Start: 3104, Stop: 3412, Start Num: 151

Candidate Starts for Abscondus_13:

(Start: 126 @3074 has 36 MA's), (Start: 151 @3104 has 25 MA's), (208, 3368),

Gene: AceofSpades_68 Start: 43114, Stop: 43479, Start Num: 140
Candidate Starts for AceofSpades_68:
(Start: 140 @43114 has 4 MA's), (160, 43183), (163, 43189), (209, 43384), (212, 43414), (216, 43426),

Gene: Acme_2 Start: 781, Stop: 1089, Start Num: 146
Candidate Starts for Acme_2:
(Start: 146 @781 has 617 MA's), (182, 904), (200, 994), (208, 1030),

Gene: Acolyte_4 Start: 2122, Stop: 2418, Start Num: 146
Candidate Starts for Acolyte_4:
(Start: 146 @2122 has 617 MA's),

Gene: Adahisdi_1 Start: 600, Stop: 896, Start Num: 146
Candidate Starts for Adahisdi_1:
(Start: 112 @537 has 4 MA's), (Start: 126 @573 has 36 MA's), (131, 582), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: Adolin_71 Start: 42654, Stop: 42956, Start Num: 146
Candidate Starts for Adolin_71:
(Start: 146 @42654 has 617 MA's), (180, 42771), (196, 42846), (212, 42945),

Gene: Adumb2043_68 Start: 42731, Stop: 43033, Start Num: 146
Candidate Starts for Adumb2043_68:
(Start: 146 @42731 has 617 MA's), (Start: 159 @42782 has 1 MA's), (163, 42797), (180, 42848), (196, 42923), (212, 43022),

Gene: Adzzy_4 Start: 2160, Stop: 2456, Start Num: 146
Candidate Starts for Adzzy_4:
(Start: 146 @2160 has 617 MA's), (192, 2328), (197, 2355),

Gene: Aeneas_1 Start: 595, Stop: 891, Start Num: 146
Candidate Starts for Aeneas_1:
(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 141 @592 has 35 MA's), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: Agape74_5 Start: 2538, Stop: 2834, Start Num: 146
Candidate Starts for Agape74_5:
(Start: 146 @2538 has 617 MA's), (182, 2661),

Gene: AgentM_1 Start: 504, Stop: 803, Start Num: 130
Candidate Starts for AgentM_1:
(59, 372), (Start: 130 @504 has 41 MA's), (177, 612), (193, 684), (206, 753), (214, 798),

Gene: Aglet_1 Start: 526, Stop: 819, Start Num: 146
Candidate Starts for Aglet_1:
(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: AgronaGT15_1 Start: 518, Stop: 820, Start Num: 126
Candidate Starts for AgronaGT15_1:
(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Airmid_1 Start: 517, Stop: 801, Start Num: 152
Candidate Starts for Airmid_1:

(Start: 130 @502 has 41 MA's), (Start: 152 @517 has 1 MA's), (177, 610), (206, 751), (214, 796),

Gene: Ajay_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Ajay_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 141 @593 has 35 MA's), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Aldrich_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Aldrich_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Aliter_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Aliter_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Alma_4 Start: 2333, Stop: 2626, Start Num: 141

Candidate Starts for Alma_4:

(Start: 122 @2306 has 3 MA's), (Start: 141 @2333 has 35 MA's), (177, 2435), (182, 2453),

Gene: Alsaber_3 Start: 970, Stop: 1284, Start Num: 146

Candidate Starts for Alsaber_3:

(138, 964), (Start: 146 @970 has 617 MA's), (163, 1039), (184, 1114), (192, 1147),

Gene: Alsfro_2 Start: 778, Stop: 1083, Start Num: 146

Candidate Starts for Alsfro_2:

(134, 763), (Start: 146 @778 has 617 MA's), (182, 901), (195, 955), (200, 991), (208, 1027),

Gene: Altman_3 Start: 1297, Stop: 1593, Start Num: 146

Candidate Starts for Altman_3:

(Start: 119 @1249 has 1 MA's), (Start: 146 @1297 has 617 MA's), (182, 1420), (200, 1510), (208, 1546),

Gene: Alucard_25 Start: 16990, Stop: 17289, Start Num: 153

Candidate Starts for Alucard_25:

(Start: 153 @16990 has 161 MA's), (185, 17119), (186, 17122), (194, 17185), (201, 17233), (203, 17242), (211, 17278),

Gene: Alvin_3 Start: 1213, Stop: 1509, Start Num: 146

Candidate Starts for Alvin_3:

(Start: 146 @1213 has 617 MA's), (182, 1336), (195, 1390), (200, 1426), (208, 1462),

Gene: Alvy_3 Start: 740, Stop: 1054, Start Num: 146

Candidate Starts for Alvy_3:

(Start: 146 @740 has 617 MA's), (184, 884),

Gene: Amela_2 Start: 787, Stop: 1275, Start Num: 65

Candidate Starts for Amela_2:

(Start: 65 @787 has 1 MA's), (66, 790), (Start: 70 @802 has 2 MA's), (71, 811), (94, 853), (Start: 98 @859 has 2 MA's), (138, 955), (Start: 146 @961 has 617 MA's), (163, 1030), (184, 1105), (192, 1138),

Gene: Amethyst_2 Start: 650, Stop: 964, Start Num: 146

Candidate Starts for Amethyst_2:

(Start: 137 @641 has 1 MA's), (Start: 146 @650 has 617 MA's), (173, 755), (184, 794), (192, 827),

Gene: Amploria_69 Start: 42910, Stop: 43212, Start Num: 146

Candidate Starts for Amploria_69:

(Start: 146 @42910 has 617 MA's), (Start: 159 @42961 has 1 MA's), (163, 42976), (180, 43027), (196, 43102), (212, 43201),

Gene: Amyev_68 Start: 43916, Stop: 44218, Start Num: 146

Candidate Starts for Amyev_68:

(Start: 146 @43916 has 617 MA's), (163, 43982), (180, 44033), (193, 44099), (212, 44207),

Gene: Anaysia_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Anaysia_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: Andris_2 Start: 682, Stop: 996, Start Num: 146

Candidate Starts for Andris_2:

(Start: 146 @682 has 617 MA's), (184, 826), (192, 859),

Gene: Aneem_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Aneem_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Angelique_76 Start: 50625, Stop: 50915, Start Num: 153

Candidate Starts for Angelique_76:

(7, 50097), (12, 50157), (13, 50160), (19, 50208), (33, 50289), (40, 50322), (50, 50376), (54, 50388), (109, 50526), (Start: 153 @50625 has 161 MA's),

Gene: Anglerfish_2 Start: 747, Stop: 1043, Start Num: 146

Candidate Starts for Anglerfish_2:

(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: Animus_3 Start: 1027, Stop: 1341, Start Num: 146

Candidate Starts for Animus_3:

(Start: 146 @1027 has 617 MA's), (163, 1096), (184, 1171),

Gene: AnnaL29_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for AnnaL29_4:

(Start: 146 @2278 has 617 MA's), (182, 2401),

Gene: Anon_4 Start: 2182, Stop: 2478, Start Num: 146

Candidate Starts for Anon_4:

(Start: 146 @2182 has 617 MA's), (184, 2317),

Gene: Anselm_5 Start: 2674, Stop: 2970, Start Num: 146

Candidate Starts for Anselm_5:

(Start: 146 @2674 has 617 MA's), (182, 2797),

Gene: Anseraureola_25 Start: 17052, Stop: 17351, Start Num: 153

Candidate Starts for Anseraureola_25:

(110, 16950), (Start: 153 @17052 has 161 MA's), (185, 17181), (186, 17184), (194, 17247), (201, 17295), (203, 17304), (211, 17340),

Gene: Anthony_1 Start: 406, Stop: 699, Start Num: 146

Candidate Starts for Anthony_1:
(Start: 146 @406 has 617 MA's),

Gene: Anubis_3 Start: 526, Stop: 819, Start Num: 146
Candidate Starts for Anubis_3:
(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Aphelion_14 Start: 3268, Stop: 3576, Start Num: 151
Candidate Starts for Aphelion_14:
(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: Applejack_1 Start: 597, Stop: 893, Start Num: 146
Candidate Starts for Applejack_1:
(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Apricot_101 Start: 51816, Stop: 52109, Start Num: 154
Candidate Starts for Apricot_101:
(88, 51666), (Start: 154 @51816 has 6 MA's),

Gene: Aragog_1 Start: 534, Stop: 833, Start Num: 130
Candidate Starts for Aragog_1:
(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: Arcanine_2 Start: 750, Stop: 1046, Start Num: 146
Candidate Starts for Arcanine_2:
(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: ArcherNM_4 Start: 2293, Stop: 2589, Start Num: 146
Candidate Starts for ArcherNM_4:
(Start: 146 @2293 has 617 MA's),

Gene: Archetta_1 Start: 534, Stop: 833, Start Num: 130
Candidate Starts for Archetta_1:
(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: Arianna_54 Start: 40153, Stop: 40458, Start Num: 150
Candidate Starts for Arianna_54:
(Start: 150 @40153 has 11 MA's), (167, 40228), (174, 40249), (192, 40330),

Gene: Aries55_25 Start: 17079, Stop: 17378, Start Num: 153
Candidate Starts for Aries55_25:
(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Arissanae_4 Start: 2121, Stop: 2414, Start Num: 141
Candidate Starts for Arissanae_4:
(Start: 141 @2121 has 35 MA's), (177, 2223), (182, 2241),

Gene: Arlo_2 Start: 747, Stop: 1043, Start Num: 146
Candidate Starts for Arlo_2:
(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: Artemis2UCLA_4 Start: 2143, Stop: 2439, Start Num: 146
Candidate Starts for Artemis2UCLA_4:
(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Asa16_69 Start: 43233, Stop: 43535, Start Num: 146
Candidate Starts for Asa16_69:
(Start: 146 @43233 has 617 MA's), (Start: 159 @43284 has 1 MA's), (163, 43299), (180, 43350), (196, 43425), (212, 43524),

Gene: Ascela_71 Start: 43822, Stop: 44124, Start Num: 146
Candidate Starts for Ascela_71:
(Start: 146 @43822 has 617 MA's), (163, 43888), (180, 43939), (196, 44014), (212, 44113),

Gene: Ashballer_1 Start: 598, Stop: 894, Start Num: 146
Candidate Starts for Ashballer_1:
(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Asten_2 Start: 729, Stop: 1040, Start Num: 145
Candidate Starts for Asten_2:
(Start: 70 @588 has 2 MA's), (Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (188, 882),

Gene: Astro_1 Start: 505, Stop: 798, Start Num: 148
Candidate Starts for Astro_1:
(Start: 148 @505 has 8 MA's), (169, 592), (193, 679), (208, 757), (214, 793),

Gene: Astro16_25 Start: 17072, Stop: 17371, Start Num: 153
Candidate Starts for Astro16_25:
(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Atkinbua_1 Start: 597, Stop: 893, Start Num: 146
Candidate Starts for Atkinbua_1:
(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Attoomi_53 Start: 41445, Stop: 41750, Start Num: 146
Candidate Starts for Attoomi_53:
(Start: 146 @41445 has 617 MA's), (169, 41532), (170, 41538), (182, 41577), (184, 41589),

Gene: AugsMagnumOpus_3 Start: 526, Stop: 819, Start Num: 146
Candidate Starts for AugsMagnumOpus_3:
(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Avvas_25 Start: 17079, Stop: 17378, Start Num: 153
Candidate Starts for Avvas_25:
(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Axiom_3 Start: 679, Stop: 993, Start Num: 146
Candidate Starts for Axiom_3:
(Start: 146 @679 has 617 MA's), (184, 823),

Gene: Ayanochan_5 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Ayanochan_5:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Azira_67 Start: 45015, Stop: 45332, Start Num: 150

Candidate Starts for Azira_67:

(Start: 150 @45015 has 11 MA's), (189, 45153), (199, 45222),

Gene: Azizam_25 Start: 17012, Stop: 17311, Start Num: 153

Candidate Starts for Azizam_25:

(24, 16631), (28, 16640), (110, 16910), (Start: 153 @17012 has 161 MA's), (185, 17141), (186, 17144), (194, 17207), (201, 17255), (203, 17264), (211, 17300),

Gene: Aztec_25 Start: 16995, Stop: 17294, Start Num: 153

Candidate Starts for Aztec_25:

(Start: 153 @16995 has 161 MA's), (185, 17124), (186, 17127), (194, 17190), (201, 17238), (203, 17247), (211, 17283),

Gene: BABullseye_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for BABullseye_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: BPBiebs31_2 Start: 832, Stop: 1128, Start Num: 146

Candidate Starts for BPBiebs31_2:

(Start: 119 @784 has 1 MA's), (Start: 146 @832 has 617 MA's), (182, 955), (200, 1045), (208, 1081),

Gene: BabyBack_4 Start: 2096, Stop: 2392, Start Num: 146

Candidate Starts for BabyBack_4:

(Start: 146 @2096 has 617 MA's),

Gene: BabyRay_1 Start: 458, Stop: 754, Start Num: 146

Candidate Starts for BabyRay_1:

(125, 449), (Start: 146 @458 has 617 MA's), (184, 593),

Gene: Bachita_15 Start: 3780, Stop: 4088, Start Num: 151

Candidate Starts for Bachita_15:

(Start: 126 @3750 has 36 MA's), (Start: 151 @3780 has 25 MA's), (208, 4044),

Gene: Bachome_4 Start: 2386, Stop: 2649, Start Num: 155

Candidate Starts for Bachome_4:

(Start: 146 @2353 has 617 MA's), (Start: 155 @2386 has 3 MA's), (169, 2443), (214, 2644),

Gene: BaconJack_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for BaconJack_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Bactobuster_4 Start: 2106, Stop: 2402, Start Num: 146

Candidate Starts for Bactobuster_4:

(Start: 146 @2106 has 617 MA's), (171, 2205), (197, 2301),

Gene: Baehexic_5 Start: 2625, Stop: 2921, Start Num: 146

Candidate Starts for Baehexic_5:

(63, 2424), (Start: 146 @2625 has 617 MA's),

Gene: Baine_25 Start: 17015, Stop: 17314, Start Num: 153

Candidate Starts for Baine_25:

(110, 16913), (Start: 153 @17015 has 161 MA's), (185, 17144), (186, 17147), (194, 17210), (201, 17258), (203, 17267), (211, 17303),

Gene: Bantam_8 Start: 4561, Stop: 4869, Start Num: 151

Candidate Starts for Bantam_8:

(143, 4546), (Start: 151 @4561 has 25 MA's), (165, 4633), (187, 4699),

Gene: BarBear_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for BarBear_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Barnstormer_77 Start: 46434, Stop: 46733, Start Num: 146

Candidate Starts for Barnstormer_77:

(118, 46389), (Start: 146 @46434 has 617 MA's), (175, 46542), (180, 46551),

Gene: Barriga_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Barriga_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: BarrowTuph_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for BarrowTuph_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 141 @595 has 35 MA's), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: BarryBee_3 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for BarryBee_3:

(Start: 70 @588 has 2 MA's), (Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (188, 882),

Gene: BartholomewSD_3 Start: 740, Stop: 1054, Start Num: 146

Candidate Starts for BartholomewSD_3:

(Start: 146 @740 has 617 MA's), (184, 884),

Gene: Battleship_5 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for Battleship_5:

(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: BearBQ_102 Start: 54695, Stop: 54988, Start Num: 154

Candidate Starts for BearBQ_102:

(78, 54524), (Start: 154 @54695 has 6 MA's),

Gene: BeardedLady_2 Start: 739, Stop: 1053, Start Num: 145

Candidate Starts for BeardedLady_2:

(Start: 145 @739 has 54 MA's), (188, 895),

Gene: Beatrix_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Beatrix_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 141 @596 has 35 MA's), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Beauxregard13_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Beauxregard13_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Beelzebub_96 Start: 49193, Stop: 49519, Start Num: 146

Candidate Starts for Beelzebub_96:

(139, 49187), (Start: 146 @49193 has 617 MA's), (Start: 157 @49235 has 1 MA's), (166, 49280), (183, 49340), (194, 49400), (204, 49460),

Gene: Beemo_4 Start: 2336, Stop: 2629, Start Num: 141

Candidate Starts for Beemo_4:

(Start: 122 @2309 has 3 MA's), (Start: 141 @2336 has 35 MA's), (177, 2438), (182, 2456),

Gene: BeesKnees_2 Start: 751, Stop: 1047, Start Num: 146

Candidate Starts for BeesKnees_2:

(Start: 146 @751 has 617 MA's), (182, 874), (195, 928), (200, 964), (208, 1000),

Gene: Belthelas_25 Start: 17128, Stop: 17427, Start Num: 153

Candidate Starts for Belthelas_25:

(110, 17026), (Start: 153 @17128 has 161 MA's), (185, 17257), (186, 17260), (194, 17323), (201, 17371), (203, 17380), (211, 17416),

Gene: Benedict_1 Start: 503, Stop: 802, Start Num: 130

Candidate Starts for Benedict_1:

(Start: 130 @503 has 41 MA's), (Start: 152 @518 has 1 MA's), (177, 611), (206, 752), (214, 797),

Gene: BengiVuitton_4 Start: 2325, Stop: 2621, Start Num: 146

Candidate Starts for BengiVuitton_4:

(Start: 146 @2325 has 617 MA's), (182, 2448),

Gene: BennyP_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for BennyP_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Benvolio_5 Start: 2672, Stop: 2968, Start Num: 146

Candidate Starts for Benvolio_5:

(Start: 146 @2672 has 617 MA's), (182, 2795),

Gene: Bernal13_59 Start: 40895, Stop: 41194, Start Num: 83

Candidate Starts for Bernal13_59:

(Start: 83 @40895 has 6 MA's), (189, 41018),

Gene: Berrie_69 Start: 43434, Stop: 43736, Start Num: 146

Candidate Starts for Berrie_69:

(Start: 146 @43434 has 617 MA's), (163, 43500), (180, 43551), (196, 43626), (212, 43725),

Gene: Bethlehem_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Bethlehem_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Bexan_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Bexan_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 141 @596 has 35 MA's), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: BiancaTri92_4 Start: 2316, Stop: 2612, Start Num: 146

Candidate Starts for BiancaTri92_4:

(Start: 146 @2316 has 617 MA's), (181, 2433),

Gene: Big3_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Big3_1:

(Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: BigMau_3 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for BigMau_3:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: BigPaolini_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for BigPaolini_1:

(127, 569), (132, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Bigchungi_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Bigchungi_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Bigfoot_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Bigfoot_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: BillKnuckles_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for BillKnuckles_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: BinkBonk_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for BinkBonk_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Bintii_25 Start: 17094, Stop: 17393, Start Num: 153

Candidate Starts for Bintii_25:

(110, 16992), (Start: 153 @17094 has 161 MA's), (185, 17223), (186, 17226), (194, 17289), (201, 17337), (203, 17346), (211, 17382),

Gene: Bircsak_2 Start: 835, Stop: 1131, Start Num: 146

Candidate Starts for Bircsak_2:

(Start: 119 @787 has 1 MA's), (Start: 146 @835 has 617 MA's), (182, 958), (200, 1048), (208, 1084),

Gene: Birdsong_96 Start: 52683, Stop: 52976, Start Num: 154

Candidate Starts for Birdsong_96:

(78, 52512), (Start: 154 @52683 has 6 MA's),

Gene: Biscayne_25 Start: 17155, Stop: 17454, Start Num: 153

Candidate Starts for Biscayne_25:

(110, 17053), (118, 17077), (Start: 153 @17155 has 161 MA's), (185, 17284), (186, 17287), (194, 17350), (201, 17398), (203, 17407), (211, 17443),

Gene: Blackbeetle_93 Start: 48691, Stop: 49017, Start Num: 146

Candidate Starts for Blackbeetle_93:

(128, 48664), (Start: 146 @48691 has 617 MA's), (Start: 157 @48733 has 1 MA's), (166, 48778), (183, 48838), (194, 48898), (204, 48958),

Gene: BlessJoy_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for BlessJoy_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Blesser_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Blesser_1:

(Start: 126 @570 has 36 MA's), (131, 579), (Start: 141 @594 has 35 MA's), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Blinn1_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Blinn1_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: BluSpix_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for BluSpix_1:

(Start: 126 @570 has 36 MA's), (131, 579), (Start: 141 @594 has 35 MA's), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Blue_3 Start: 1232, Stop: 1528, Start Num: 146

Candidate Starts for Blue_3:

(134, 1217), (Start: 146 @1232 has 617 MA's), (182, 1355), (200, 1445), (208, 1481),

Gene: Blue7_4 Start: 2132, Stop: 2428, Start Num: 146

Candidate Starts for Blue7_4:

(Start: 146 @2132 has 617 MA's), (184, 2267),

Gene: BlueBird_1 Start: 420, Stop: 716, Start Num: 146

Candidate Starts for BlueBird_1:

(Start: 146 @420 has 617 MA's), (184, 555),

Gene: Bob3_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Bob3_2:

(Start: 146 @748 has 617 MA's), (200, 961), (208, 997),

Gene: BobSwaget_5 Start: 2538, Stop: 2834, Start Num: 146

Candidate Starts for BobSwaget_5:

(Start: 146 @2538 has 617 MA's),

Gene: Bodhi17_25 Start: 17109, Stop: 17408, Start Num: 153

Candidate Starts for Bodhi17_25:

(110, 17007), (Start: 153 @17109 has 161 MA's), (185, 17238), (186, 17241), (194, 17304), (201, 17352), (203, 17361), (211, 17397),

Gene: BogosyJay_4 Start: 2102, Stop: 2395, Start Num: 141

Candidate Starts for BogosyJay_4:

(Start: 141 @2102 has 35 MA's), (177, 2204), (182, 2222),

Gene: BonaeVitae_27 Start: 17082, Stop: 17384, Start Num: 153

Candidate Starts for BonaeVitae_27:

(110, 16983), (Start: 153 @17082 has 161 MA's), (185, 17211), (194, 17277), (201, 17325), (203, 17334),

Gene: Bones_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Bones_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Boohoo_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Boohoo_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: BoomRoasted_25 Start: 17082, Stop: 17381, Start Num: 153

Candidate Starts for BoomRoasted_25:

(110, 16980), (Start: 153 @17082 has 161 MA's), (185, 17211), (186, 17214), (194, 17277), (201, 17325), (203, 17334), (211, 17370),

Gene: Bovely_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Bovely_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Bowden_2 Start: 639, Stop: 953, Start Num: 146

Candidate Starts for Bowden_2:

(Start: 146 @639 has 617 MA's), (184, 783),

Gene: Bowtie_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Bowtie_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Bradissa_76 Start: 51528, Stop: 51818, Start Num: 153

Candidate Starts for Bradissa_76:

(Start: 153 @51528 has 161 MA's),

Gene: Bradley2_25 Start: 16994, Stop: 17293, Start Num: 153

Candidate Starts for Bradley2_25:

(110, 16892), (Start: 153 @16994 has 161 MA's), (185, 17123), (186, 17126), (194, 17189), (201, 17237), (203, 17246), (211, 17282),

Gene: Brataylor_2 Start: 590, Stop: 1036, Start Num: 70

Candidate Starts for Brataylor_2:

(67, 581), (Start: 70 @590 has 2 MA's), (Start: 145 @725 has 54 MA's), (164, 797), (172, 827), (182, 854),

Gene: BreSam8_1 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for BreSam8_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Bri160_25 Start: 17069, Stop: 17368, Start Num: 153

Candidate Starts for Bri160_25:

(110, 16967), (Start: 153 @17069 has 161 MA's), (185, 17198), (186, 17201), (194, 17264), (201, 17312), (203, 17321), (211, 17357),

Gene: Briton15_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Briton15_2:

(Start: 146 @748 has 617 MA's), (182, 871), (195, 925), (200, 961), (208, 997),

Gene: BroPlease_1 Start: 591, Stop: 905, Start Num: 146

Candidate Starts for BroPlease_1:

(Start: 146 @591 has 617 MA's), (179, 708), (184, 735), (202, 837), (213, 900),

Gene: BrokMonster_25 Start: 17060, Stop: 17359, Start Num: 153

Candidate Starts for BrokMonster_25:

(15, 16586), (21, 16658), (110, 16958), (Start: 153 @17060 has 161 MA's), (185, 17189), (186, 17192), (194, 17255), (201, 17303), (203, 17312), (211, 17348),

Gene: Bruns_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Bruns_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (195, 773), (200, 809), (208, 845),

Gene: BrutonGaster_7 Start: 1661, Stop: 1969, Start Num: 151

Candidate Starts for BrutonGaster_7:

(Start: 98 @1544 has 2 MA's), (121, 1613), (Start: 151 @1661 has 25 MA's), (192, 1835), (198, 1871), (208, 1925), (212, 1961),

Gene: BryanRecycles_2 Start: 746, Stop: 1060, Start Num: 145

Candidate Starts for BryanRecycles_2:

(102, 668), (Start: 145 @746 has 54 MA's), (188, 902),

Gene: Bud_4 Start: 2362, Stop: 2658, Start Num: 146

Candidate Starts for Bud_4:

(Start: 146 @2362 has 617 MA's), (Start: 155 @2395 has 3 MA's), (169, 2452), (214, 2653),

Gene: Buggy_5 Start: 2549, Stop: 2845, Start Num: 146

Candidate Starts for Buggy_5:

(Start: 146 @2549 has 617 MA's), (182, 2672),

Gene: Bullzi2019_26 Start: 16770, Stop: 17069, Start Num: 153

Candidate Starts for Bullzi2019_26:

(110, 16668), (Start: 153 @16770 has 161 MA's), (185, 16899), (186, 16902), (194, 16965), (201, 17013), (203, 17022),

Gene: Burgy_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for Burgy_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: Burton_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Burton_2:

(Start: 146 @750 has 617 MA's), (200, 963), (208, 999),

Gene: BurtonThePup_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for BurtonThePup_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Buttons_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Buttons_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Bxb1_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Bxb1_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Bxz2_1 Start: 537, Stop: 830, Start Num: 146

Candidate Starts for Bxz2_1:

(Start: 126 @528 has 36 MA's), (Start: 146 @537 has 617 MA's), (163, 603),

Gene: C3_04 Start: 2344, Stop: 2640, Start Num: 146

Candidate Starts for C3_04:

(Start: 146 @2344 has 617 MA's),

Gene: CRB1_4 Start: 2473, Stop: 2769, Start Num: 146

Candidate Starts for CRB1_4:

(Start: 146 @2473 has 617 MA's), (182, 2596),

Gene: CactusRose_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for CactusRose_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Caelum_3 Start: 669, Stop: 983, Start Num: 146

Candidate Starts for Caelum_3:

(133, 651), (Start: 137 @660 has 1 MA's), (Start: 146 @669 has 617 MA's), (184, 813), (192, 846),

Gene: Caliburn_2 Start: 739, Stop: 1053, Start Num: 145

Candidate Starts for Caliburn_2:

(Start: 145 @739 has 54 MA's), (188, 895),

Gene: Caprice_85 Start: 48629, Stop: 48955, Start Num: 146

Candidate Starts for Caprice_85:

(128, 48602), (Start: 146 @48629 has 617 MA's), (Start: 157 @48671 has 1 MA's), (166, 48716), (183, 48776), (194, 48836), (204, 48896),

Gene: Cardigan_14 Start: 3818, Stop: 4126, Start Num: 151

Candidate Starts for Cardigan_14:

(Start: 151 @3818 has 25 MA's), (192, 3992), (196, 4010), (199, 4031),

Gene: Carlyle_2 Start: 778, Stop: 1074, Start Num: 146

Candidate Starts for Carlyle_2:

(134, 763), (Start: 146 @778 has 617 MA's), (182, 901), (195, 955), (200, 991), (208, 1027),

Gene: Caron_82 Start: 47300, Stop: 47599, Start Num: 146

Candidate Starts for Caron_82:

(5, 46730), (8, 46799), (10, 46829), (26, 46961), (31, 46979), (60, 47102), (127, 47273), (Start: 146 @47300 has 617 MA's), (175, 47408), (180, 47417),

Gene: Cassia_68 Start: 43117, Stop: 43419, Start Num: 146

Candidate Starts for Cassia_68:

(Start: 146 @43117 has 617 MA's), (163, 43183), (196, 43309), (212, 43408),

Gene: Catalina_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Catalina_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Caviar_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Caviar_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Cayde6_25 Start: 17015, Stop: 17314, Start Num: 153

Candidate Starts for Cayde6_25:

(110, 16913), (Start: 153 @17015 has 161 MA's), (185, 17144), (186, 17147), (194, 17210), (201, 17258), (203, 17267), (211, 17303),

Gene: Cazares_25 Start: 16542, Stop: 16841, Start Num: 153

Candidate Starts for Cazares_25:

(110, 16440), (Start: 153 @16542 has 161 MA's), (185, 16671), (186, 16674), (194, 16737), (201, 16785), (203, 16794),

Gene: Celery_4 Start: 962, Stop: 1276, Start Num: 146

Candidate Starts for Celery_4:

(Start: 70 @803 has 2 MA's), (71, 812), (94, 854), (Start: 98 @860 has 2 MA's), (138, 956), (Start: 146 @962 has 617 MA's), (163, 1031), (184, 1106), (192, 1139),

Gene: Celeste_2 Start: 725, Stop: 1036, Start Num: 145

Candidate Starts for Celeste_2:

(67, 581), (Start: 70 @590 has 2 MA's), (Start: 145 @725 has 54 MA's), (164, 797), (172, 827), (182, 854),

Gene: Celia_2 Start: 744, Stop: 1058, Start Num: 146

Candidate Starts for Celia_2:

(Start: 146 @744 has 617 MA's), (184, 888),

Gene: Centaur_5 Start: 2621, Stop: 2917, Start Num: 146

Candidate Starts for Centaur_5:

(63, 2420), (Start: 146 @2621 has 617 MA's),

Gene: Cerulean_1 Start: 461, Stop: 763, Start Num: 141

Candidate Starts for Cerulean_1:

(Start: 141 @461 has 35 MA's), (163, 536), (208, 722),

Gene: Chadwick_1 Start: 501, Stop: 800, Start Num: 130

Candidate Starts for Chadwick_1:

(Start: 130 @501 has 41 MA's), (Start: 152 @516 has 1 MA's), (177, 609), (206, 750), (214, 795),

Gene: ChampagnePapi_1 Start: 355, Stop: 762, Start Num: 97

Candidate Starts for ChampagnePapi_1:

(Start: 97 @355 has 2 MA's), (Start: 141 @460 has 35 MA's), (163, 535), (208, 721),

Gene: Chanagan_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Chanagan_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: Changeling_4 Start: 2293, Stop: 2589, Start Num: 146

Candidate Starts for Changeling_4:

(Start: 146 @2293 has 617 MA's),

Gene: Charbie_25 Start: 17055, Stop: 17354, Start Num: 153

Candidate Starts for Charbie_25:

(110, 16953), (Start: 153 @17055 has 161 MA's), (185, 17184), (186, 17187), (194, 17250), (201, 17298), (203, 17307), (211, 17343),

Gene: Chargerpower_5 Start: 2445, Stop: 2744, Start Num: 146

Candidate Starts for Chargerpower_5:

(Start: 146 @2445 has 617 MA's),

Gene: Charm_4 Start: 2108, Stop: 2401, Start Num: 141

Candidate Starts for Charm_4:

(Start: 141 @2108 has 35 MA's), (169, 2195), (177, 2210), (182, 2228),

Gene: Chartreuse_4 Start: 2144, Stop: 2440, Start Num: 146

Candidate Starts for Chartreuse_4:

(Start: 146 @2144 has 617 MA's), (184, 2279),

Gene: Chatham_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Chatham_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Che12_4 Start: 2115, Stop: 2411, Start Num: 146

Candidate Starts for Che12_4:

(Start: 146 @2115 has 617 MA's),

Gene: Cheesecake_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for Cheesecake_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: ChipMunk_5 Start: 2559, Stop: 2855, Start Num: 146

Candidate Starts for ChipMunk_5:

(Start: 146 @2559 has 617 MA's), (182, 2682),

Gene: Chucky_2 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for Chucky_2:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (188, 883),

Gene: Chupacabra_1 Start: 460, Stop: 756, Start Num: 130

Candidate Starts for Chupacabra_1:

(Start: 130 @460 has 41 MA's),

Gene: Ciao_1 Start: 598, Stop: 906, Start Num: 146

Candidate Starts for Ciao_1:

(113, 535), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Ciel_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for Ciel_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Cindaradix_1 Start: 358, Stop: 765, Start Num: 98

Candidate Starts for Cindaradix_1:

(Start: 98 @358 has 2 MA's), (163, 538), (208, 724),

Gene: Clarkson_93 Start: 48873, Stop: 49199, Start Num: 146

Candidate Starts for Clarkson_93:

(139, 48867), (Start: 146 @48873 has 617 MA's), (Start: 157 @48915 has 1 MA's), (166, 48960), (183, 49020), (194, 49080), (204, 49140),

Gene: CloudWang3_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for CloudWang3_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Clownery_25 Start: 16668, Stop: 16967, Start Num: 153

Candidate Starts for Clownery_25:

(110, 16566), (Start: 153 @16668 has 161 MA's), (185, 16797), (186, 16800), (194, 16863), (201, 16911), (203, 16920),

Gene: ClubL_14 Start: 3280, Stop: 3588, Start Num: 151

Candidate Starts for ClubL_14:

(Start: 126 @3250 has 36 MA's), (Start: 151 @3280 has 25 MA's), (208, 3544),

Gene: Colbster_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Colbster_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Colin_5 Start: 2440, Stop: 2736, Start Num: 146

Candidate Starts for Colin_5:

(Start: 146 @2440 has 617 MA's), (182, 2563),

Gene: Community_70 Start: 43720, Stop: 44022, Start Num: 146

Candidate Starts for Community_70:

(Start: 146 @43720 has 617 MA's), (163, 43786), (180, 43837), (196, 43912), (212, 44011),

Gene: Conan_4 Start: 975, Stop: 1289, Start Num: 146

Candidate Starts for Conan_4:

(69, 822), (82, 855), (92, 861), (94, 867), (138, 969), (Start: 146 @975 has 617 MA's), (163, 1044), (184, 1119), (192, 1152),

Gene: ConceptII_2 Start: 835, Stop: 1131, Start Num: 146

Candidate Starts for ConceptII_2:

(Start: 119 @787 has 1 MA's), (Start: 146 @835 has 617 MA's), (182, 958), (200, 1048), (208, 1084),

Gene: Concrete_25 Start: 17059, Stop: 17358, Start Num: 153

Candidate Starts for Concrete_25:

(110, 16957), (Start: 153 @17059 has 161 MA's), (185, 17188), (186, 17191), (194, 17254), (201, 17302), (203, 17311), (211, 17347),

Gene: Conquerage_4 Start: 2332, Stop: 2625, Start Num: 141

Candidate Starts for Conquerage_4:

(Start: 122 @2305 has 3 MA's), (Start: 141 @2332 has 35 MA's), (177, 2434), (182, 2452),

Gene: Conspiracy_1 Start: 535, Stop: 834, Start Num: 130

Candidate Starts for Conspiracy_1:

(Start: 130 @535 has 41 MA's), (177, 643), (193, 715), (206, 784), (214, 829),

Gene: Coog_1 Start: 503, Stop: 802, Start Num: 130

Candidate Starts for Coog_1:

(56, 368), (Start: 130 @503 has 41 MA's), (177, 611), (193, 683), (206, 752), (214, 797),

Gene: Cookiedough_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Cookiedough_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Corazon_87 Start: 49067, Stop: 49393, Start Num: 146

Candidate Starts for Corazon_87:

(139, 49061), (Start: 146 @49067 has 617 MA's), (Start: 157 @49109 has 1 MA's), (166, 49154), (183, 49214), (194, 49274), (204, 49334),

Gene: Corvo_2 Start: 751, Stop: 1047, Start Num: 146

Candidate Starts for Corvo_2:

(Start: 146 @751 has 617 MA's), (182, 874), (200, 964), (208, 1000),

Gene: Crater_100 Start: 52160, Stop: 52453, Start Num: 154

Candidate Starts for Crater_100:

(88, 52010), (Start: 154 @52160 has 6 MA's),

Gene: Crewmate_74 Start: 43978, Stop: 44280, Start Num: 146

Candidate Starts for Crewmate_74:

(Start: 146 @43978 has 617 MA's), (196, 44170), (212, 44269),

Gene: Crispicous1_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Crispicous1_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Crucio_5 Start: 2567, Stop: 2863, Start Num: 146

Candidate Starts for Crucio_5:

(Start: 146 @2567 has 617 MA's), (182, 2690),

Gene: Cuco_1 Start: 533, Stop: 832, Start Num: 130

Candidate Starts for Cuco_1:

(59, 371), (Start: 130 @533 has 41 MA's), (177, 641), (193, 713), (206, 782), (214, 827),

Gene: Cucurbita_13 Start: 3280, Stop: 3588, Start Num: 151

Candidate Starts for Cucurbita_13:

(Start: 126 @3250 has 36 MA's), (Start: 151 @3280 has 25 MA's), (208, 3544),

Gene: Cueylyss_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Cueylyss_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Cullens_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Cullens_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Culver_13 Start: 3104, Stop: 3412, Start Num: 151

Candidate Starts for Culver_13:

(Start: 126 @3074 has 36 MA's), (Start: 151 @3104 has 25 MA's), (208, 3368),

Gene: Cyan_70 Start: 43301, Stop: 43603, Start Num: 146

Candidate Starts for Cyan_70:

(Start: 146 @43301 has 617 MA's), (Start: 159 @43352 has 1 MA's), (163, 43367), (180, 43418), (196, 43493), (212, 43592),

Gene: D29_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for D29_4:

(Start: 146 @2345 has 617 MA's),

Gene: D32_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for D32_4:

(Start: 146 @2345 has 617 MA's),

Gene: DBQu4n_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for DBQu4n_4:

(Start: 146 @2345 has 617 MA's),

Gene: DD5_2 Start: 739, Stop: 1035, Start Num: 146

Candidate Starts for DD5_2:

(Start: 146 @739 has 617 MA's), (182, 862), (195, 916), (200, 952), (208, 988),

Gene: DaHudson_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for DaHudson_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: DaVinci_4 Start: 2144, Stop: 2440, Start Num: 146

Candidate Starts for DaVinci_4:

(Start: 146 @2144 has 617 MA's), (184, 2279),

Gene: DaftyDuck_25 Start: 17012, Stop: 17311, Start Num: 153

Candidate Starts for DaftyDuck_25:

(110, 16910), (Start: 153 @17012 has 161 MA's), (185, 17141), (186, 17144), (194, 17207), (201, 17255), (203, 17264),

Gene: Daishi_1 Start: 518, Stop: 820, Start Num: 126
Candidate Starts for Daishi_1:
(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Dalmatian_5 Start: 2671, Stop: 2967, Start Num: 146
Candidate Starts for Dalmatian_5:
(Start: 146 @2671 has 617 MA's), (182, 2794),

Gene: Danimal_25 Start: 16991, Stop: 17290, Start Num: 153
Candidate Starts for Danimal_25:
(110, 16889), (Start: 153 @16991 has 161 MA's), (185, 17120), (186, 17123), (194, 17186), (201, 17234), (203, 17243), (211, 17279),

Gene: Danno_25 Start: 17079, Stop: 17378, Start Num: 153
Candidate Starts for Danno_25:
(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Danzina_2 Start: 679, Stop: 1011, Start Num: 126
Candidate Starts for Danzina_2:
(1, 34), (3, 43), (4, 70), (6, 142), (34, 406), (44, 466), (49, 490), (52, 499), (111, 649), (Start: 126 @679 has 36 MA's), (Start: 145 @700 has 54 MA's), (170, 796), (172, 802), (182, 829), (196, 892),

Gene: Daredevil_10 Start: 3047, Stop: 3349, Start Num: 151
Candidate Starts for Daredevil_10:
(Start: 151 @3047 has 25 MA's), (162, 3104), (163, 3107), (192, 3215),

Gene: Darrell_4 Start: 2217, Stop: 2510, Start Num: 141
Candidate Starts for Darrell_4:
(Start: 141 @2217 has 35 MA's), (177, 2319), (182, 2337),

Gene: DarthPhader_4 Start: 2246, Stop: 2542, Start Num: 142
Candidate Starts for DarthPhader_4:
(Start: 142 @2246 has 3 MA's),

Gene: DatBoi_9 Start: 5103, Stop: 5411, Start Num: 151
Candidate Starts for DatBoi_9:
(93, 4968), (105, 5004), (Start: 151 @5103 has 25 MA's), (165, 5175), (212, 5400),

Gene: Dattran_2 Start: 723, Stop: 1034, Start Num: 145
Candidate Starts for Dattran_2:
(Start: 70 @588 has 2 MA's), (Start: 145 @723 has 54 MA's), (164, 795), (172, 825), (182, 852), (196, 915),

Gene: Daudau_2 Start: 579, Stop: 968, Start Num: 106
Candidate Starts for Daudau_2:
(Start: 106 @579 has 1 MA's), (Start: 137 @645 has 1 MA's), (Start: 146 @654 has 617 MA's), (184, 798),

Gene: DeerParkTS_4 Start: 2259, Stop: 2555, Start Num: 146
Candidate Starts for DeerParkTS_4:
(Start: 146 @2259 has 617 MA's),

Gene: DekHockey33_4 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for DekHockey33_4:

(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: Deloris_4 Start: 2325, Stop: 2621, Start Num: 146

Candidate Starts for Deloris_4:

(Start: 146 @2325 has 617 MA's), (182, 2448),

Gene: Dexes_2 Start: 782, Stop: 1078, Start Num: 146

Candidate Starts for Dexes_2:

(Start: 146 @782 has 617 MA's), (182, 905), (200, 995), (208, 1031),

Gene: Diane_2 Start: 652, Stop: 966, Start Num: 146

Candidate Starts for Diane_2:

(Start: 137 @643 has 1 MA's), (Start: 146 @652 has 617 MA's), (184, 796), (192, 829),

Gene: Dieselweasel_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Dieselweasel_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Dignity_5 Start: 2547, Stop: 2843, Start Num: 146

Candidate Starts for Dignity_5:

(Start: 146 @2547 has 617 MA's), (182, 2670),

Gene: DirtDevil_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for DirtDevil_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: DirtPie_25 Start: 17105, Stop: 17404, Start Num: 153

Candidate Starts for DirtPie_25:

(110, 17003), (Start: 153 @17105 has 161 MA's), (185, 17234), (186, 17237), (194, 17300), (201, 17348), (203, 17357),

Gene: Discoknowium_1 Start: 534, Stop: 833, Start Num: 130

Candidate Starts for Discoknowium_1:

(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: Dixon_1 Start: 505, Stop: 798, Start Num: 148

Candidate Starts for Dixon_1:

(Start: 148 @505 has 8 MA's), (169, 592), (193, 679), (208, 757), (214, 793),

Gene: Dongwon_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Dongwon_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Dooby_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Dooby_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Doom_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Doom_1:

(127, 569), (132, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Dorothea_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Dorothea_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Douggie_25 Start: 17065, Stop: 17364, Start Num: 153

Candidate Starts for Douggie_25:

(110, 16963), (Start: 153 @17065 has 161 MA's), (185, 17194), (186, 17197), (194, 17260), (201, 17308), (203, 17317), (211, 17353),

Gene: DrFeelGood_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for DrFeelGood_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: DrManhattan_72 Start: 42208, Stop: 42510, Start Num: 146

Candidate Starts for DrManhattan_72:

(Start: 146 @42208 has 617 MA's), (180, 42325), (196, 42400), (212, 42499),

Gene: DrSierra_66 Start: 42253, Stop: 42555, Start Num: 146

Candidate Starts for DrSierra_66:

(Start: 146 @42253 has 617 MA's), (163, 42319), (180, 42370), (196, 42445), (212, 42544),

Gene: Drake55_5 Start: 2627, Stop: 2923, Start Num: 146

Candidate Starts for Drake55_5:

(63, 2426), (Start: 146 @2627 has 617 MA's),

Gene: Drake94_1 Start: 472, Stop: 768, Start Num: 130

Candidate Starts for Drake94_1:

(44, 247), (Start: 130 @472 has 41 MA's), (184, 607),

Gene: Dre3_68 Start: 45474, Stop: 45806, Start Num: 150

Candidate Starts for Dre3_68:

(138, 45456), (Start: 150 @45474 has 11 MA's),

Gene: DreamCatcher_2 Start: 1332, Stop: 1622, Start Num: 153

Candidate Starts for DreamCatcher_2:

(17, 897), (38, 1014), (82, 1170), (87, 1179), (90, 1182), (Start: 153 @1332 has 161 MA's), (158, 1359), (200, 1539), (208, 1575),

Gene: DreamTeam1_4 Start: 2108, Stop: 2401, Start Num: 141

Candidate Starts for DreamTeam1_4:

(Start: 141 @2108 has 35 MA's), (169, 2195), (177, 2210), (182, 2228),

Gene: Dreamboat_2 Start: 863, Stop: 1171, Start Num: 146

Candidate Starts for Dreamboat_2:

(Start: 119 @815 has 1 MA's), (Start: 146 @863 has 617 MA's), (182, 986), (200, 1076), (208, 1112),

Gene: DroogsArmy_1 Start: 408, Stop: 704, Start Num: 146

Candidate Starts for DroogsArmy_1:

(96, 297), (Start: 146 @408 has 617 MA's), (206, 654), (210, 672),

Gene: DudeLittle_5 Start: 2671, Stop: 2967, Start Num: 146

Candidate Starts for DudeLittle_5:

(Start: 146 @2671 has 617 MA's), (182, 2794),

Gene: Duggle_26 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Duggle_26:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Dulcie_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Dulcie_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (208, 845),

Gene: Duplo_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for Duplo_4:

(Start: 146 @2345 has 617 MA's),

Gene: Dussy_2 Start: 758, Stop: 1054, Start Num: 146

Candidate Starts for Dussy_2:

(Start: 146 @758 has 617 MA's), (182, 881), (195, 935), (200, 971), (208, 1007),

Gene: Dusty_13 Start: 3104, Stop: 3412, Start Num: 151

Candidate Starts for Dusty_13:

(Start: 126 @3074 has 36 MA's), (Start: 151 @3104 has 25 MA's), (208, 3368),

Gene: Dwayne_2 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for Dwayne_2:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (188, 883),

Gene: Dynamix_2 Start: 747, Stop: 1043, Start Num: 146

Candidate Starts for Dynamix_2:

(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: ELee24_24 Start: 16858, Stop: 17157, Start Num: 153

Candidate Starts for ELee24_24:

(110, 16756), (Start: 153 @16858 has 161 MA's), (185, 16987), (186, 16990), (194, 17053), (201, 17101), (203, 17110), (211, 17146),

Gene: EMSquaredA_80 Start: 50168, Stop: 50458, Start Num: 153

Candidate Starts for EMSquaredA_80:

(9, 49655), (23, 49805), (27, 49814), (32, 49841), (36, 49859), (41, 49883), (50, 49922), (54, 49934), (55, 49937), (109, 50072), (Start: 153 @50168 has 161 MA's),

Gene: EZMoney23_4 Start: 2295, Stop: 2591, Start Num: 146

Candidate Starts for EZMoney23_4:

(Start: 146 @2295 has 617 MA's),

Gene: EagleEye_4 Start: 2125, Stop: 2418, Start Num: 141

Candidate Starts for EagleEye_4:

(Start: 141 @2125 has 35 MA's), (163, 2191), (177, 2227), (182, 2245), (184, 2257),

Gene: Eaglepride_1 Start: 473, Stop: 769, Start Num: 130

Candidate Starts for Eaglepride_1:

(96, 386), (Start: 130 @473 has 41 MA's),

Gene: Ebony_4 Start: 2395, Stop: 2658, Start Num: 155

Candidate Starts for Ebony_4:

(Start: 146 @2362 has 617 MA's), (Start: 155 @2395 has 3 MA's), (169, 2452), (214, 2653),

Gene: Echild_5 Start: 2672, Stop: 2968, Start Num: 146

Candidate Starts for Echild_5:

(Start: 146 @2672 has 617 MA's), (182, 2795),

Gene: EdElric_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for EdElric_25:

(110, 16887), (Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Eddasa_2 Start: 746, Stop: 1060, Start Num: 145

Candidate Starts for Eddasa_2:

(102, 668), (Start: 145 @746 has 54 MA's), (188, 902),

Gene: Edison31_1 Start: 464, Stop: 760, Start Num: 130

Candidate Starts for Edison31_1:

(Start: 130 @464 has 41 MA's),

Gene: Edtherson_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Edtherson_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: Efeko_27 Start: 16867, Stop: 17157, Start Num: 153

Candidate Starts for Efeko_27:

(Start: 153 @16867 has 161 MA's), (185, 16996), (186, 16999), (194, 17062), (201, 17110),

Gene: Eidsmoe_4 Start: 2332, Stop: 2625, Start Num: 141

Candidate Starts for Eidsmoe_4:

(Start: 122 @2305 has 3 MA's), (Start: 141 @2332 has 35 MA's), (177, 2434), (182, 2452),

Gene: Eightball_25 Start: 17066, Stop: 17365, Start Num: 153

Candidate Starts for Eightball_25:

(110, 16964), (Start: 153 @17066 has 161 MA's), (185, 17195), (186, 17198), (194, 17261), (201, 17309), (203, 17318), (211, 17354),

Gene: Ejemplo_2 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for Ejemplo_2:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (172, 832), (182, 859), (196, 922),

Gene: Ekko14_26 Start: 16744, Stop: 17043, Start Num: 153

Candidate Starts for Ekko14_26:

(110, 16642), (Start: 153 @16744 has 161 MA's), (185, 16873), (186, 16876), (194, 16939), (201, 16987), (203, 16996), (211, 17032),

Gene: ElGato_4 Start: 978, Stop: 1292, Start Num: 146

Candidate Starts for ElGato_4:

(69, 825), (82, 858), (92, 864), (94, 870), (138, 972), (Start: 146 @978 has 617 MA's), (163, 1047), (184, 1122), (192, 1155),

Gene: ElTiger69_1 Start: 502, Stop: 801, Start Num: 130

Candidate Starts for ElTiger69_1:

(Start: 130 @502 has 41 MA's), (Start: 152 @517 has 1 MA's), (177, 610), (206, 751), (214, 796),

Gene: Elephantoon_4 Start: 2095, Stop: 2388, Start Num: 141

Candidate Starts for Elephantoon_4:

(Start: 141 @2095 has 35 MA's), (177, 2197), (182, 2215),

Gene: Elezi_68 Start: 43103, Stop: 43405, Start Num: 146

Candidate Starts for Elezi_68:

(Start: 146 @43103 has 617 MA's), (Start: 159 @43154 has 1 MA's), (163, 43169), (180, 43220), (196, 43295), (212, 43394),

Gene: Elle_4 Start: 2141, Stop: 2437, Start Num: 146

Candidate Starts for Elle_4:

(88, 2009), (Start: 146 @2141 has 617 MA's), (169, 2231), (184, 2276),

Gene: Elspeth_26 Start: 16744, Stop: 17043, Start Num: 153

Candidate Starts for Elspeth_26:

(110, 16642), (Start: 153 @16744 has 161 MA's), (185, 16873), (186, 16876), (194, 16939), (201, 16987), (203, 16996), (211, 17032),

Gene: Emaanora_3 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for Emaanora_3:

(Start: 70 @588 has 2 MA's), (Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (188, 882),

Gene: Emotion_74 Start: 44679, Stop: 45029, Start Num: 146

Candidate Starts for Emotion_74:

(Start: 146 @44679 has 617 MA's), (212, 44970),

Gene: EmyBug_4 Start: 2332, Stop: 2625, Start Num: 141

Candidate Starts for EmyBug_4:

(Start: 122 @2305 has 3 MA's), (Start: 141 @2332 has 35 MA's), (177, 2434), (182, 2452),

Gene: EnalisNailo_76 Start: 50668, Stop: 50958, Start Num: 153

Candidate Starts for EnalisNailo_76:

(33, 50335), (50, 50422), (54, 50434), (55, 50437), (109, 50572), (Start: 153 @50668 has 161 MA's),

Gene: Engineer_14 Start: 3268, Stop: 3576, Start Num: 151

Candidate Starts for Engineer_14:

(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: EnochSoames_2 Start: 742, Stop: 1056, Start Num: 146

Candidate Starts for EnochSoames_2:

(Start: 70 @613 has 2 MA's), (Start: 137 @733 has 1 MA's), (Start: 146 @742 has 617 MA's), (188, 898),

Gene: EnzoK_1 Start: 607, Stop: 903, Start Num: 146

Candidate Starts for EnzoK_1:

(Start: 146 @607 has 617 MA's), (182, 730), (208, 856),

Gene: EpicPhail_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for EpicPhail_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Epsocamisio_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Epsocamisio_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: Equemioh13_5 Start: 2624, Stop: 2920, Start Num: 146

Candidate Starts for Equemioh13_5:

(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Eraser_69 Start: 43240, Stop: 43542, Start Num: 146

Candidate Starts for Eraser_69:

(Start: 146 @43240 has 617 MA's), (Start: 159 @43291 has 1 MA's), (163, 43306), (180, 43357), (196, 43432), (212, 43531),

Gene: EricB_4 Start: 2144, Stop: 2440, Start Num: 146

Candidate Starts for EricB_4:

(Start: 146 @2144 has 617 MA's), (184, 2279),

Gene: Erin_25 Start: 16987, Stop: 17286, Start Num: 153

Candidate Starts for Erin_25:

(Start: 153 @16987 has 161 MA's), (185, 17116), (186, 17119), (194, 17182), (201, 17230), (203, 17239), (211, 17275),

Gene: Esperer_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Esperer_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Espresso_2 Start: 832, Stop: 1128, Start Num: 146

Candidate Starts for Espresso_2:

(Start: 119 @784 has 1 MA's), (Start: 146 @832 has 617 MA's), (182, 955), (195, 1009), (200, 1045), (208, 1081),

Gene: Euphoria_2 Start: 736, Stop: 1032, Start Num: 146

Candidate Starts for Euphoria_2:

(Start: 146 @736 has 617 MA's), (182, 859), (195, 913), (200, 949), (208, 985),

Gene: EvilGenius_5 Start: 2559, Stop: 2855, Start Num: 146

Candidate Starts for EvilGenius_5:

(Start: 146 @2559 has 617 MA's), (182, 2682),

Gene: Exile_60 Start: 43770, Stop: 44069, Start Num: 146

Candidate Starts for Exile_60:

(82, 43632), (Start: 146 @43770 has 617 MA's), (163, 43836), (180, 43887), (212, 44061),

Gene: ExplosioNervosa_4 Start: 2308, Stop: 2628, Start Num: 122

Candidate Starts for ExplosioNervosa_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Eyeball_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Eyeball_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: FF47_64 Start: 46067, Stop: 46366, Start Num: 156

Candidate Starts for FF47_64:

(115, 45965), (Start: 156 @46067 has 1 MA's), (161, 46094), (178, 46145), (190, 46202), (205, 46298),

Gene: Fajezeel_2 Start: 749, Stop: 1057, Start Num: 146

Candidate Starts for Fajezeel_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: Fameo_5 Start: 2671, Stop: 2967, Start Num: 146

Candidate Starts for Fameo_5:

(Start: 146 @2671 has 617 MA's), (182, 2794),

Gene: Farber_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Farber_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Fascinus_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Fascinus_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Fayely_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Fayely_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: FeliMaine_92 Start: 49115, Stop: 49441, Start Num: 146

Candidate Starts for FeliMaine_92:

(139, 49109), (Start: 146 @49115 has 617 MA's), (Start: 157 @49157 has 1 MA's), (166, 49202), (183, 49262), (194, 49322), (204, 49382),

Gene: Fenn_1 Start: 606, Stop: 902, Start Num: 146

Candidate Starts for Fenn_1:

(Start: 112 @543 has 4 MA's), (Start: 126 @579 has 36 MA's), (131, 588), (Start: 146 @606 has 617 MA's), (182, 729), (195, 783), (200, 819), (208, 855),

Gene: Fernando_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Fernando_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Fibonacci_4 Start: 2359, Stop: 2655, Start Num: 146

Candidate Starts for Fibonacci_4:

(Start: 146 @2359 has 617 MA's), (Start: 155 @2392 has 3 MA's), (169, 2449), (214, 2650),

Gene: FiringLine_5 Start: 2568, Stop: 2864, Start Num: 146

Candidate Starts for FiringLine_5:

(Start: 146 @2568 has 617 MA's), (182, 2691),

Gene: First_004 Start: 2483, Stop: 2779, Start Num: 146

Candidate Starts for First_004:

(Start: 146 @2483 has 617 MA's),

Gene: Flare16_5 Start: 2624, Stop: 2920, Start Num: 146

Candidate Starts for Flare16_5:

(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Flaverint_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Flaverint_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Floof_81 Start: 48040, Stop: 48342, Start Num: 146

Candidate Starts for Floof_81:

(61, 47851), (96, 47941), (116, 47998), (Start: 146 @48040 has 617 MA's), (163, 48106), (184, 48181), (188, 48193),

Gene: Floral_80 Start: 52125, Stop: 52415, Start Num: 153

Candidate Starts for Floral_80:

(9, 51612), (23, 51762), (27, 51771), (32, 51798), (36, 51816), (41, 51840), (50, 51879), (54, 51891), (55, 51894), (109, 52029), (Start: 153 @52125 has 161 MA's),

Gene: Flutur_69 Start: 43582, Stop: 43884, Start Num: 146

Candidate Starts for Flutur_69:

(Start: 146 @43582 has 617 MA's), (Start: 159 @43633 has 1 MA's), (163, 43648), (180, 43699), (196, 43774), (212, 43873),

Gene: FlyCatcher_1 Start: 396, Stop: 692, Start Num: 136

Candidate Starts for FlyCatcher_1:

(Start: 97 @300 has 2 MA's), (Start: 136 @396 has 1 MA's), (206, 642),

Gene: Footloose_71 Start: 39222, Stop: 39524, Start Num: 146

Candidate Starts for Footloose_71:

(Start: 146 @39222 has 617 MA's), (163, 39288), (192, 39393), (198, 39429),

Gene: ForGetIt_1 Start: 561, Stop: 860, Start Num: 130

Candidate Starts for ForGetIt_1:

(59, 372), (Start: 130 @561 has 41 MA's), (177, 669), (193, 741), (206, 810), (214, 855),

Gene: Forester_71 Start: 47373, Stop: 47675, Start Num: 146

Candidate Starts for Forester_71:

(Start: 146 @47373 has 617 MA's),

Gene: Forsytheast_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Forsytheast_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (195, 773), (200, 809), (208, 845),

Gene: Francis47_2 Start: 835, Stop: 1131, Start Num: 146

Candidate Starts for Francis47_2:

(Start: 119 @787 has 1 MA's), (Start: 146 @835 has 617 MA's), (182, 958), (200, 1048), (208, 1084),

Gene: Fred313_1 Start: 416, Stop: 712, Start Num: 129

Candidate Starts for Fred313_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 129 @416 has 3 MA's), (184, 551),

Gene: Fribs8_67 Start: 45643, Stop: 45981, Start Num: 150

Candidate Starts for Fribs8_67:

(Start: 150 @45643 has 11 MA's), (189, 45781), (199, 45850),

Gene: Froghopper_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Froghopper_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: Fushigi_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Fushigi_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: GMonster_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for GMonster_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Gabbspett_25 Start: 17109, Stop: 17408, Start Num: 153

Candidate Starts for Gabbspett_25:

(110, 17007), (Start: 153 @17109 has 161 MA's), (185, 17238), (186, 17241), (194, 17304), (201, 17352), (203, 17361), (211, 17397),

Gene: GageAP_2 Start: 986, Stop: 1282, Start Num: 146

Candidate Starts for GageAP_2:

(Start: 146 @986 has 617 MA's), (182, 1109), (200, 1199), (208, 1235),

Gene: Gail_4 Start: 2396, Stop: 2692, Start Num: 146

Candidate Starts for Gail_4:

(Start: 146 @2396 has 617 MA's), (176, 2498), (180, 2507), (181, 2513),

Gene: Gandalf20_2 Start: 843, Stop: 1139, Start Num: 146

Candidate Starts for Gandalf20_2:

(Start: 119 @795 has 1 MA's), (Start: 146 @843 has 617 MA's), (182, 966), (195, 1020), (200, 1056), (208, 1092),

Gene: GardenState_76 Start: 44995, Stop: 45294, Start Num: 146

Candidate Starts for GardenState_76:

(Start: 129 @44971 has 3 MA's), (Start: 146 @44995 has 617 MA's),

Gene: Gardevoir_25 Start: 17023, Stop: 17322, Start Num: 153

Candidate Starts for Gardevoir_25:

(Start: 153 @17023 has 161 MA's), (185, 17152), (186, 17155), (194, 17218), (201, 17266), (203, 17275), (211, 17311),

Gene: Gattaca_91 Start: 49103, Stop: 49429, Start Num: 145

Candidate Starts for Gattaca_91:

(Start: 145 @49103 has 54 MA's), (Start: 157 @49145 has 1 MA's), (166, 49190), (183, 49250), (194, 49310), (204, 49370),

Gene: GaugeLDP_4 Start: 2092, Stop: 2388, Start Num: 146

Candidate Starts for GaugeLDP_4:

(Start: 146 @2092 has 617 MA's),

Gene: Geeche_13 Start: 3085, Stop: 3393, Start Num: 151

Candidate Starts for Geeche_13:

(Start: 126 @3055 has 36 MA's), (Start: 151 @3085 has 25 MA's), (208, 3349),

Gene: Gemma_1 Start: 522, Stop: 824, Start Num: 126

Candidate Starts for Gemma_1:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Georgie2_5 Start: 2570, Stop: 2866, Start Num: 146

Candidate Starts for Georgie2_5:

(Start: 146 @2570 has 617 MA's), (182, 2693),

Gene: Gilberta_4 Start: 2353, Stop: 2649, Start Num: 146

Candidate Starts for Gilberta_4:

(Start: 146 @2353 has 617 MA's), (Start: 155 @2386 has 3 MA's), (169, 2443), (214, 2644),

Gene: Gillker_25 Start: 16988, Stop: 17287, Start Num: 153

Candidate Starts for Gillker_25:

(110, 16886), (Start: 153 @16988 has 161 MA's), (185, 17117), (186, 17120), (194, 17183), (201, 17231), (203, 17240), (211, 17276),

Gene: GingkoMaracino_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for GingkoMaracino_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: GirlDinner_2 Start: 690, Stop: 1004, Start Num: 146

Candidate Starts for GirlDinner_2:

(Start: 146 @690 has 617 MA's), (163, 759), (184, 834),

Gene: Giroux_1 Start: 420, Stop: 716, Start Num: 146

Candidate Starts for Giroux_1:

(Start: 146 @420 has 617 MA's), (184, 555),

Gene: Gladiator_4 Start: 2133, Stop: 2429, Start Num: 146

Candidate Starts for Gladiator_4:

(Start: 146 @2133 has 617 MA's), (184, 2268),

Gene: Goby_2 Start: 723, Stop: 1034, Start Num: 145

Candidate Starts for Goby_2:

(Start: 70 @588 has 2 MA's), (Start: 145 @723 has 54 MA's), (164, 795), (172, 825), (182, 852), (196, 915),

Gene: Godfather_25 Start: 17079, Stop: 17378, Start Num: 153

Candidate Starts for Godfather_25:

(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Godpower_2 Start: 615, Stop: 1037, Start Num: 77

Candidate Starts for Godpower_2:

(Start: 77 @615 has 1 MA's), (Start: 145 @726 has 54 MA's), (164, 798), (172, 828), (182, 855),

Gene: GoldenBlanche_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for GoldenBlanche_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Gompeii16_2 Start: 835, Stop: 1131, Start Num: 146

Candidate Starts for Gompeii16_2:

(Start: 119 @787 has 1 MA's), (Start: 146 @835 has 617 MA's), (182, 958), (200, 1048), (208, 1084),

Gene: Goobery_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for Goobery_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: GoongGoong_93 Start: 48909, Stop: 49235, Start Num: 145

Candidate Starts for GoongGoong_93:

(Start: 145 @48909 has 54 MA's), (Start: 157 @48951 has 1 MA's), (166, 48996), (183, 49056), (194, 49116), (204, 49176),

Gene: Goose_1 Start: 462, Stop: 758, Start Num: 130

Candidate Starts for Goose_1:

(Start: 130 @462 has 41 MA's),

Gene: Goulash_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Goulash_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Graduation_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Graduation_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 141 @595 has 35 MA's), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Grayscar_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for Grayscar_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: GrecoEtereo_2 Start: 749, Stop: 1057, Start Num: 146

Candidate Starts for GrecoEtereo_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: GreedyLawyer_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for GreedyLawyer_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: GreenWeasel_1 Start: 591, Stop: 905, Start Num: 146

Candidate Starts for GreenWeasel_1:

(Start: 146 @591 has 617 MA's), (179, 708), (184, 735), (202, 837), (213, 900),

Gene: Greg_2 Start: 749, Stop: 1057, Start Num: 146

Candidate Starts for Greg_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: Gretchen_74 Start: 47033, Stop: 47335, Start Num: 146

Candidate Starts for Gretchen_74:

(Start: 146 @47033 has 617 MA's), (163, 47099), (180, 47150), (184, 47174),

Gene: Grif_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Grif_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: GroundGoblin_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for GroundGoblin_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Groupthink_2 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for Groupthink_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Grub_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Grub_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Grum1_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Grum1_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Gruunaga_4 Start: 2133, Stop: 2429, Start Num: 146

Candidate Starts for Gruunaga_4:

(Start: 146 @2133 has 617 MA's), (184, 2268),

Gene: GtownJaz_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for GtownJaz_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Gwendoluna_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for Gwendoluna_1:

(Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: Gyzlar_2 Start: 742, Stop: 1038, Start Num: 146

Candidate Starts for Gyzlar_2:

(Start: 146 @742 has 617 MA's), (182, 865), (200, 955), (208, 991),

Gene: HINdeR_1 Start: 411, Stop: 704, Start Num: 146

Candidate Starts for HINdeR_1:

(Start: 146 @411 has 617 MA's), (162, 477), (206, 654), (210, 672),

Gene: Haizum_2 Start: 652, Stop: 966, Start Num: 146

Candidate Starts for Haizum_2:

(Start: 137 @643 has 1 MA's), (Start: 146 @652 has 617 MA's), (184, 796), (192, 829),

Gene: Hami1_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Hami1_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Hammer_4 Start: 2132, Stop: 2428, Start Num: 146

Candidate Starts for Hammer_4:

(Start: 146 @2132 has 617 MA's), (184, 2267),

Gene: Hank144_2 Start: 693, Stop: 1007, Start Num: 146

Candidate Starts for Hank144_2:

(Start: 106 @618 has 1 MA's), (108, 624), (Start: 146 @693 has 617 MA's), (163, 762), (184, 837), (188, 849),

Gene: HarperAnne_26 Start: 16743, Stop: 17042, Start Num: 153

Candidate Starts for HarperAnne_26:

(110, 16641), (Start: 153 @16743 has 161 MA's), (185, 16872), (186, 16875), (194, 16938), (201, 16986), (203, 16995), (211, 17031),

Gene: HarryHoudini_5 Start: 2627, Stop: 2923, Start Num: 146

Candidate Starts for HarryHoudini_5:

(63, 2426), (Start: 146 @2627 has 617 MA's),

Gene: HarryOW_2 Start: 749, Stop: 1057, Start Num: 146

Candidate Starts for HarryOW_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: HashRod_2 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for HashRod_2:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: HaveUMetTed_2 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for HaveUMetTed_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: HeadMave_25 Start: 17075, Stop: 17374, Start Num: 153

Candidate Starts for HeadMave_25:

(110, 16973), (Start: 153 @17075 has 161 MA's), (185, 17204), (186, 17207), (194, 17270), (201, 17318), (203, 17327), (211, 17363),

Gene: Heathen_1 Start: 293, Stop: 712, Start Num: 74

Candidate Starts for Heathen_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 129 @416 has 3 MA's), (184, 551),

Gene: Heffalump_5 Start: 2671, Stop: 2967, Start Num: 146

Candidate Starts for Heffalump_5:

(Start: 146 @2671 has 617 MA's), (182, 2794),

Gene: HelDan_1 Start: 293, Stop: 712, Start Num: 74

Candidate Starts for HelDan_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 129 @416 has 3 MA's), (184, 551),

Gene: Heliosoles_1 Start: 522, Stop: 824, Start Num: 126

Candidate Starts for Heliosoles_1:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Helmet_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Helmet_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Herbertwm_1 Start: 414, Stop: 710, Start Num: 146

Candidate Starts for Herbertwm_1:

(105, 327), (107, 330), (Start: 146 @414 has 617 MA's), (171, 513),

Gene: Hercules11_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Hercules11_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Hermia_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Hermia_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: HermioneGrange_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for HermioneGrange_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Hernandez44_25 Start: 17104, Stop: 17403, Start Num: 153

Candidate Starts for Hernandez44_25:

(Start: 153 @17104 has 161 MA's), (185, 17233), (186, 17236), (194, 17299), (201, 17347), (203, 17356), (211, 17392),

Gene: Hexamo_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Hexamo_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Hippo_2 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for Hippo_2:

(Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (188, 882),

Gene: HippoHollow_4 Start: 2372, Stop: 2668, Start Num: 146

Candidate Starts for HippoHollow_4:

(Start: 146 @2372 has 617 MA's),

Gene: HippoPololi_68 Start: 45087, Stop: 45419, Start Num: 150

Candidate Starts for HippoPololi_68:

(Start: 150 @45087 has 11 MA's),

Gene: Homines_2 Start: 832, Stop: 1128, Start Num: 146

Candidate Starts for Homines_2:

(Start: 119 @784 has 1 MA's), (Start: 146 @832 has 617 MA's), (182, 955), (200, 1045), (208, 1081),

Gene: Honk_82 Start: 49790, Stop: 50095, Start Num: 146

Candidate Starts for Honk_82:

(99, 49700), (Start: 129 @49769 has 3 MA's), (Start: 146 @49790 has 617 MA's), (160, 49850),

Gene: Hookmount_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Hookmount_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Hoot_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Hoot_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Hope4ever_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for Hope4ever_1:

(Start: 112 @537 has 4 MA's), (Start: 126 @573 has 36 MA's), (131, 582), (Start: 141 @597 has 35 MA's), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: Horacetta_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Horacetta_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: HortumSL17_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for HortumSL17_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: HuhtaEnerson15_1 Start: 535, Stop: 834, Start Num: 130

Candidate Starts for HuhtaEnerson15_1:

(Start: 130 @535 has 41 MA's), (177, 643), (193, 715), (206, 784), (214, 829),

Gene: Hulk_25 Start: 17022, Stop: 17321, Start Num: 153

Candidate Starts for Hulk_25:

(25, 16653), (29, 16662), (110, 16920), (Start: 153 @17022 has 161 MA's), (185, 17151), (186, 17154), (194, 17217), (201, 17265), (203, 17274), (211, 17310),

Gene: Huphlepuuff_94 Start: 48678, Stop: 49004, Start Num: 146

Candidate Starts for Huphlepuuff_94:

(139, 48672), (Start: 146 @48678 has 617 MA's), (Start: 157 @48720 has 1 MA's), (166, 48765), (183, 48825), (194, 48885), (204, 48945),

Gene: Hutc2_4 Start: 2359, Stop: 2655, Start Num: 146

Candidate Starts for Hutc2_4:

(Start: 146 @2359 has 617 MA's), (Start: 155 @2392 has 3 MA's), (169, 2449), (214, 2650),

Gene: Hydra_3 Start: 739, Stop: 1053, Start Num: 145

Candidate Starts for Hydra_3:

(Start: 145 @739 has 54 MA's), (188, 895),

Gene: IAmGroot_75 Start: 45197, Stop: 45496, Start Num: 146

Candidate Starts for IAmGroot_75:

(Start: 129 @45173 has 3 MA's), (Start: 146 @45197 has 617 MA's),

Gene: ILeeKay_1 Start: 547, Stop: 843, Start Num: 146

Candidate Starts for ILeeKay_1:

(Start: 112 @484 has 4 MA's), (Start: 126 @520 has 36 MA's), (131, 529), (Start: 146 @547 has 617 MA's), (182, 670), (200, 760), (208, 796),

Gene: IUFootball_69 Start: 45434, Stop: 45733, Start Num: 146

Candidate Starts for IUFootball_69:

(Start: 146 @45434 has 617 MA's), (163, 45500), (164, 45503), (194, 45620), (212, 45725),

Gene: Ibrahim_59 Start: 41099, Stop: 41398, Start Num: 83

Candidate Starts for Ibrahim_59:

(Start: 83 @41099 has 6 MA's), (189, 41222),

Gene: Ichabod_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Ichabod_2:

(Start: 146 @749 has 617 MA's), (182, 872), (208, 998),

Gene: IgnatiusPatJac_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for IgnatiusPatJac_1:

(Start: 126 @570 has 36 MA's), (131, 579), (Start: 141 @594 has 35 MA's), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Indigo_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Indigo_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Indra_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Indra_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Insomnia_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Insomnia_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Inyanga_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Inyanga_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 141 @596 has 35 MA's), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Iqorha_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Iqorha_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 141 @596 has 35 MA's), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: IronMan_4 Start: 2114, Stop: 2410, Start Num: 146

Candidate Starts for IronMan_4:

(Start: 146 @2114 has 617 MA's), (171, 2213), (197, 2309),

Gene: Isca_1 Start: 420, Stop: 716, Start Num: 146

Candidate Starts for Isca_1:

(89, 318), (Start: 126 @411 has 36 MA's), (Start: 146 @420 has 617 MA's), (184, 555),

Gene: Isiphiwo_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Isiphiwo_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Issmi_2 Start: 651, Stop: 965, Start Num: 146

Candidate Starts for Issmi_2:

(Start: 146 @651 has 617 MA's), (184, 795), (192, 828), (213, 960),

Gene: Iter_70 Start: 43593, Stop: 43895, Start Num: 146

Candidate Starts for Iter_70:

(Start: 146 @43593 has 617 MA's), (163, 43659), (180, 43710), (196, 43785), (212, 43884),

Gene: IttyBittyPiggy_70 Start: 41834, Stop: 42145, Start Num: 146
Candidate Starts for IttyBittyPiggy_70:
(Start: 146 @41834 has 617 MA's), (196, 42026), (212, 42125),

Gene: Itza_2 Start: 744, Stop: 1058, Start Num: 146
Candidate Starts for Itza_2:
(Start: 146 @744 has 617 MA's), (184, 888),

Gene: Iwokeuplikedis_5 Start: 2364, Stop: 2660, Start Num: 146
Candidate Starts for Iwokeuplikedis_5:
(Start: 146 @2364 has 617 MA's),

Gene: Izzy_2 Start: 793, Stop: 1107, Start Num: 145
Candidate Starts for Izzy_2:
(102, 715), (Start: 145 @793 has 54 MA's), (188, 949),

Gene: IzzyPants24_25 Start: 16598, Stop: 16897, Start Num: 153
Candidate Starts for IzzyPants24_25:
(110, 16496), (Start: 153 @16598 has 161 MA's), (185, 16727), (186, 16730), (194, 16793), (201, 16841), (203, 16850),

Gene: JC27_2 Start: 748, Stop: 1044, Start Num: 146
Candidate Starts for JC27_2:
(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: JF2_1 Start: 419, Stop: 715, Start Num: 146
Candidate Starts for JF2_1:
(Start: 74 @293 has 2 MA's), (125, 410), (Start: 146 @419 has 617 MA's), (184, 554),

Gene: JF4_1 Start: 419, Stop: 715, Start Num: 146
Candidate Starts for JF4_1:
(Start: 74 @293 has 2 MA's), (125, 410), (Start: 146 @419 has 617 MA's), (184, 554),

Gene: JHC117_1 Start: 526, Stop: 819, Start Num: 146
Candidate Starts for JHC117_1:
(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: JRok_25 Start: 17009, Stop: 17308, Start Num: 153
Candidate Starts for JRok_25:
(15, 16535), (21, 16607), (110, 16907), (Start: 153 @17009 has 161 MA's), (185, 17138), (186, 17141), (194, 17204), (201, 17252), (203, 17261), (211, 17297),

Gene: JSwag_4 Start: 2278, Stop: 2574, Start Num: 146
Candidate Starts for JSwag_4:
(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: Jaan_4 Start: 2110, Stop: 2406, Start Num: 146
Candidate Starts for Jaan_4:
(Start: 146 @2110 has 617 MA's), (171, 2209), (197, 2305),

Gene: Jabiru_1 Start: 502, Stop: 801, Start Num: 130
Candidate Starts for Jabiru_1:

(Start: 130 @502 has 41 MA's), (Start: 152 @517 has 1 MA's), (177, 610), (206, 751), (214, 796),

Gene: Jabith_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Jabith_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Jablanski_82 Start: 53171, Stop: 53461, Start Num: 153

Candidate Starts for Jablanski_82:

(123, 53114), (Start: 126 @53120 has 36 MA's), (Start: 153 @53171 has 161 MA's),

Gene: JackSparrow_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for JackSparrow_1:

(Start: 126 @569 has 36 MA's), (131, 578), (Start: 141 @593 has 35 MA's), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Jahseh_25 Start: 16995, Stop: 17294, Start Num: 153

Candidate Starts for Jahseh_25:

(110, 16893), (Start: 153 @16995 has 161 MA's), (185, 17124), (186, 17127), (194, 17190), (201, 17238), (203, 17247), (211, 17283),

Gene: JaimeB_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for JaimeB_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Janeemi_69 Start: 43509, Stop: 43811, Start Num: 146

Candidate Starts for Janeemi_69:

(Start: 146 @43509 has 617 MA's), (163, 43575), (180, 43626), (196, 43701), (212, 43800),

Gene: Jannah_25 Start: 17055, Stop: 17354, Start Num: 153

Candidate Starts for Jannah_25:

(Start: 153 @17055 has 161 MA's), (185, 17184), (186, 17187), (194, 17250), (201, 17298), (203, 17307), (211, 17343),

Gene: Janus_3 Start: 1027, Stop: 1341, Start Num: 146

Candidate Starts for Janus_3:

(Start: 146 @1027 has 617 MA's), (163, 1096), (184, 1171),

Gene: Jash_2 Start: 746, Stop: 1060, Start Num: 145

Candidate Starts for Jash_2:

(102, 668), (Start: 145 @746 has 54 MA's), (188, 902),

Gene: JasmineDragon_70 Start: 43243, Stop: 43605, Start Num: 140

Candidate Starts for JasmineDragon_70:

(Start: 83 @43126 has 6 MA's), (Start: 140 @43243 has 4 MA's), (160, 43312), (163, 43318), (209, 43513), (216, 43555),

Gene: Jasper_2 Start: 863, Stop: 1171, Start Num: 146

Candidate Starts for Jasper_2:

(Start: 119 @815 has 1 MA's), (Start: 146 @863 has 617 MA's), (182, 986), (200, 1076), (208, 1112),

Gene: Jeeves_4 Start: 2418, Stop: 2714, Start Num: 146

Candidate Starts for Jeeves_4:

(Start: 146 @2418 has 617 MA's), (180, 2529), (181, 2535),

Gene: Jeffabunny_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Jeffabunny_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Jella_27 Start: 17090, Stop: 17389, Start Num: 153

Candidate Starts for Jella_27:

(Start: 153 @17090 has 161 MA's), (185, 17219), (186, 17222), (194, 17285), (201, 17333), (203, 17342), (211, 17378),

Gene: JenCasNa_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for JenCasNa_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: JeppNRM_2 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for JeppNRM_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Jerky_25 Start: 17154, Stop: 17453, Start Num: 153

Candidate Starts for Jerky_25:

(110, 17052), (Start: 153 @17154 has 161 MA's), (185, 17283), (186, 17286), (194, 17349), (201, 17397), (203, 17406), (211, 17442),

Gene: Jerm_5 Start: 2548, Stop: 2844, Start Num: 146

Candidate Starts for Jerm_5:

(Start: 146 @2548 has 617 MA's), (182, 2671),

Gene: Jerm2_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Jerm2_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Jevington_3 Start: 1035, Stop: 1349, Start Num: 146

Candidate Starts for Jevington_3:

(Start: 106 @963 has 1 MA's), (Start: 137 @1029 has 1 MA's), (Start: 146 @1035 has 617 MA's), (163, 1104), (184, 1179), (192, 1212),

Gene: JewelBug_4 Start: 2144, Stop: 2440, Start Num: 146

Candidate Starts for JewelBug_4:

(Start: 146 @2144 has 617 MA's), (184, 2279),

Gene: Jhitchelle_2 Start: 945, Stop: 1259, Start Num: 146

Candidate Starts for Jhitchelle_2:

(138, 939), (Start: 146 @945 has 617 MA's), (184, 1089), (192, 1122),

Gene: JoBros_25 Start: 16990, Stop: 17289, Start Num: 153

Candidate Starts for JoBros_25:

(Start: 153 @16990 has 161 MA's), (185, 17119), (186, 17122), (194, 17185), (201, 17233), (203, 17242), (211, 17278),

Gene: Jobu08_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Jobu08_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Joemato_71 Start: 43479, Stop: 43781, Start Num: 146

Candidate Starts for Joemato_71:

(Start: 146 @43479 has 617 MA's), (Start: 159 @43530 has 1 MA's), (163, 43545), (180, 43596), (196, 43671), (212, 43770),

Gene: JohnDoe_70 Start: 43395, Stop: 43697, Start Num: 146

Candidate Starts for JohnDoe_70:

(Start: 146 @43395 has 617 MA's), (Start: 159 @43446 has 1 MA's), (163, 43461), (180, 43512), (196, 43587), (212, 43686),

Gene: JoieB_93 Start: 49278, Stop: 49604, Start Num: 146

Candidate Starts for JoieB_93:

(128, 49251), (Start: 146 @49278 has 617 MA's), (Start: 157 @49320 has 1 MA's), (166, 49365), (183, 49425), (194, 49485), (204, 49545),

Gene: JonJames_13 Start: 3969, Stop: 4277, Start Num: 151

Candidate Starts for JonJames_13:

(Start: 151 @3969 has 25 MA's), (192, 4143), (196, 4161), (199, 4182),

Gene: JooneeDee_25 Start: 17094, Stop: 17393, Start Num: 153

Candidate Starts for JooneeDee_25:

(110, 16992), (Start: 153 @17094 has 161 MA's), (185, 17223), (186, 17226), (194, 17289), (201, 17337), (203, 17346), (211, 17382),

Gene: Jordennis_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Jordennis_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Jorgensen_2 Start: 833, Stop: 1129, Start Num: 146

Candidate Starts for Jorgensen_2:

(Start: 119 @785 has 1 MA's), (Start: 146 @833 has 617 MA's), (182, 956), (195, 1010), (200, 1046), (208, 1082),

Gene: Joselito_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Joselito_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: JoshKayV_5 Start: 2563, Stop: 2859, Start Num: 146

Candidate Starts for JoshKayV_5:

(Start: 146 @2563 has 617 MA's), (182, 2686),

Gene: Josuke_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for Josuke_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: Journey13_4 Start: 2424, Stop: 2720, Start Num: 146

Candidate Starts for Journey13_4:

(Start: 146 @2424 has 617 MA's), (169, 2514),

Gene: Jovo_1 Start: 535, Stop: 834, Start Num: 130

Candidate Starts for Jovo_1:

(Start: 130 @535 has 41 MA's), (177, 643), (193, 715), (206, 784), (214, 829),

Gene: Jsquared_4 Start: 2327, Stop: 2623, Start Num: 146

Candidate Starts for Jsquared_4:

(Start: 146 @2327 has 617 MA's),

Gene: JuliaChild_2 Start: 834, Stop: 1130, Start Num: 146

Candidate Starts for JuliaChild_2:

(Start: 119 @786 has 1 MA's), (Start: 146 @834 has 617 MA's), (182, 957), (200, 1047), (208, 1083),

Gene: JuneStar_68 Start: 44149, Stop: 44457, Start Num: 146

Candidate Starts for JuneStar_68:

(51, 43936), (Start: 146 @44149 has 617 MA's), (163, 44215), (193, 44332), (196, 44341), (212, 44440),

Gene: KADY_2 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for KADY_2:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: KBG_2 Start: 835, Stop: 1131, Start Num: 146

Candidate Starts for KBG_2:

(Start: 119 @787 has 1 MA's), (Start: 146 @835 has 617 MA's), (182, 958), (200, 1048), (208, 1084),

Gene: KSSJEB_1 Start: 580, Stop: 903, Start Num: 126

Candidate Starts for KSSJEB_1:

(Start: 126 @580 has 36 MA's), (131, 589), (Start: 146 @607 has 617 MA's), (182, 730), (200, 820), (208, 856),

Gene: Kachowdy_1 Start: 416, Stop: 712, Start Num: 129

Candidate Starts for Kachowdy_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 129 @416 has 3 MA's), (184, 551),

Gene: Kaijohn_25 Start: 17052, Stop: 17351, Start Num: 153

Candidate Starts for Kaijohn_25:

(110, 16950), (Start: 153 @17052 has 161 MA's), (185, 17181), (186, 17184), (194, 17247), (201, 17295), (203, 17304), (211, 17340),

Gene: Kaine_3 Start: 968, Stop: 1282, Start Num: 146

Candidate Starts for Kaine_3:

(47, 755), (62, 785), (138, 962), (Start: 146 @968 has 617 MA's), (163, 1037), (184, 1112), (192, 1145),

Gene: Kalb97_2 Start: 528, Stop: 821, Start Num: 146

Candidate Starts for Kalb97_2:

(Start: 126 @519 has 36 MA's), (Start: 146 @528 has 617 MA's), (163, 594),

Gene: Kalnoky_2 Start: 522, Stop: 824, Start Num: 126

Candidate Starts for Kalnoky_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Kalpine_4 Start: 2560, Stop: 2856, Start Num: 146

Candidate Starts for Kalpine_4:

(Start: 146 @2560 has 617 MA's),

Gene: Kanely_3 Start: 1297, Stop: 1593, Start Num: 146

Candidate Starts for Kanely_3:

(Start: 119 @1249 has 1 MA's), (Start: 146 @1297 has 617 MA's), (182, 1420), (200, 1510), (208, 1546),

Gene: Katalie_2 Start: 726, Stop: 1040, Start Num: 145

Candidate Starts for Katalie_2:

(68, 582), (Start: 145 @726 has 54 MA's), (164, 798), (188, 882),

Gene: KatherineG_4 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for KatherineG_4:

(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: KayPaulus_25 Start: 17082, Stop: 17381, Start Num: 153

Candidate Starts for KayPaulus_25:

(110, 16980), (Start: 153 @17082 has 161 MA's), (185, 17211), (186, 17214), (194, 17277), (201, 17325), (203, 17334), (211, 17370),

Gene: Kaylissa_71 Start: 43755, Stop: 44057, Start Num: 146

Candidate Starts for Kaylissa_71:

(Start: 146 @43755 has 617 MA's), (Start: 159 @43806 has 1 MA's), (163, 43821), (180, 43872), (196, 43947), (212, 44046),

Gene: Kazan_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Kazan_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: KeAlii_67 Start: 41473, Stop: 41784, Start Num: 146

Candidate Starts for KeAlii_67:

(Start: 146 @41473 has 617 MA's), (163, 41539), (180, 41590), (212, 41764),

Gene: Kenmech_2 Start: 758, Stop: 1054, Start Num: 146

Candidate Starts for Kenmech_2:

(Start: 146 @758 has 617 MA's), (182, 881), (195, 935), (200, 971), (208, 1007),

Gene: Kerberos_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for Kerberos_4:

(Start: 146 @2345 has 617 MA's),

Gene: Kevanna_25 Start: 17068, Stop: 17367, Start Num: 153

Candidate Starts for Kevanna_25:

(110, 16966), (Start: 153 @17068 has 161 MA's), (185, 17197), (186, 17200), (194, 17263), (201, 17311), (203, 17320), (211, 17356),

Gene: Keziacharles14_4 Start: 2212, Stop: 2505, Start Num: 141

Candidate Starts for Keziacharles14_4:

(Start: 141 @2212 has 35 MA's), (169, 2299), (177, 2314), (182, 2332),

Gene: KikiBouba_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for KikiBouba_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: KillerTomato_25 Start: 17069, Stop: 17368, Start Num: 153

Candidate Starts for KillerTomato_25:

(110, 16967), (Start: 153 @17069 has 161 MA's), (185, 17198), (186, 17201), (194, 17264), (201, 17312), (203, 17321), (211, 17357),

Gene: Killigrew_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Killigrew_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Kimba_4 Start: 2389, Stop: 2652, Start Num: 155

Candidate Starts for Kimba_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Kimona_1 Start: 576, Stop: 872, Start Num: 146

Candidate Starts for Kimona_1:

(125, 567), (Start: 146 @576 has 617 MA's), (Start: 155 @609 has 3 MA's), (184, 711), (206, 822),

Gene: KingCyrus_5 Start: 2548, Stop: 2844, Start Num: 146

Candidate Starts for KingCyrus_5:

(Start: 146 @2548 has 617 MA's), (182, 2671),

Gene: Kipper29_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Kipper29_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: KittenMittens_1 Start: 472, Stop: 768, Start Num: 130

Candidate Starts for KittenMittens_1:

(44, 247), (Start: 130 @472 has 41 MA's), (184, 607),

Gene: Klodlith_4 Start: 2108, Stop: 2401, Start Num: 141

Candidate Starts for Klodlith_4:

(Start: 141 @2108 has 35 MA's), (169, 2195), (177, 2210), (182, 2228),

Gene: Koduck_4 Start: 2324, Stop: 2620, Start Num: 146

Candidate Starts for Koduck_4:

(Start: 146 @2324 has 617 MA's),

Gene: Kojax4_25 Start: 17079, Stop: 17378, Start Num: 153

Candidate Starts for Kojax4_25:

(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Koko_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Koko_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Kristoff_2 Start: 629, Stop: 925, Start Num: 130

Candidate Starts for Kristoff_2:

(Start: 98 @548 has 2 MA's), (Start: 130 @629 has 41 MA's),

Gene: Kugel_1 Start: 596, Stop: 904, Start Num: 146

Candidate Starts for Kugel_1:

(113, 533), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Kuwabara_94 Start: 53726, Stop: 54019, Start Num: 154

Candidate Starts for Kuwabara_94:

(Start: 154 @53726 has 6 MA's),

Gene: KyMonks1A_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for KyMonks1A_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Kykar_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Kykar_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: KyriosFaba_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for KyriosFaba_25:

(110, 16887), (Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: L5_4 Start: 2332, Stop: 2628, Start Num: 146

Candidate Starts for L5_4:

(Start: 146 @2332 has 617 MA's),

Gene: LBerry_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for LBerry_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: LHTSCC_1 Start: 460, Stop: 762, Start Num: 141

Candidate Starts for LHTSCC_1:

(Start: 97 @355 has 2 MA's), (Start: 141 @460 has 35 MA's), (163, 535), (208, 721),

Gene: LadyBird_4 Start: 2463, Stop: 2759, Start Num: 146

Candidate Starts for LadyBird_4:

(Start: 146 @2463 has 617 MA's), (182, 2586),

Gene: Lambert1_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Lambert1_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Lamina13_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Lamina13_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Landor_4 Start: 2112, Stop: 2408, Start Num: 146

Candidate Starts for Landor_4:

(Start: 146 @2112 has 617 MA's), (171, 2211), (197, 2307),

Gene: Lannister_3 Start: 743, Stop: 1054, Start Num: 145

Candidate Starts for Lannister_3:

(117, 701), (Start: 145 @743 has 54 MA's), (188, 896),

Gene: Larenn_5 Start: 2579, Stop: 2875, Start Num: 146

Candidate Starts for Larenn_5:

(Start: 146 @2579 has 617 MA's),

Gene: LarryKay_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for LarryKay_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: LastResort_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for LastResort_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: LaviMo_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for LaviMo_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: Leafy_25 Start: 17034, Stop: 17333, Start Num: 153

Candidate Starts for Leafy_25:

(110, 16932), (Start: 153 @17034 has 161 MA's), (185, 17163), (186, 17166), (194, 17229), (201, 17277), (203, 17286), (211, 17322),

Gene: Legacy_2 Start: 739, Stop: 1053, Start Num: 145

Candidate Starts for Legacy_2:

(Start: 145 @739 has 54 MA's), (188, 895),

Gene: Lego_69 Start: 43077, Stop: 43379, Start Num: 146

Candidate Starts for Lego_69:

(Start: 146 @43077 has 617 MA's), (Start: 159 @43128 has 1 MA's), (163, 43143), (180, 43194), (196, 43269), (212, 43368),

Gene: LemonPepper_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for LemonPepper_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Leogania_4 Start: 2319, Stop: 2615, Start Num: 146

Candidate Starts for Leogania_4:

(Start: 146 @2319 has 617 MA's), (181, 2436),

Gene: Lesedi_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Lesedi_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Lev2_1 Start: 534, Stop: 833, Start Num: 130

Candidate Starts for Lev2_1:

(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: Levia_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Levia_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Leviathan_5 Start: 2547, Stop: 2843, Start Num: 146

Candidate Starts for Leviathan_5:

(Start: 146 @2547 has 617 MA's), (182, 2670),

Gene: Leviticus_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Leviticus_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Licorice_2 Start: 751, Stop: 1047, Start Num: 146

Candidate Starts for Licorice_2:

(Start: 146 @751 has 617 MA's), (182, 874), (200, 964), (208, 1000),

Gene: Liebe_69 Start: 45433, Stop: 45732, Start Num: 146

Candidate Starts for Liebe_69:

(Start: 146 @45433 has 617 MA's), (163, 45499), (164, 45502), (194, 45619), (212, 45724),

Gene: Lika_2 Start: 726, Stop: 1037, Start Num: 145

Candidate Starts for Lika_2:

(Start: 77 @615 has 1 MA's), (Start: 145 @726 has 54 MA's), (164, 798), (172, 828), (182, 855),

Gene: LilBib_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for LilBib_1:

(Start: 126 @573 has 36 MA's), (131, 582), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: LilTurb_5 Start: 2548, Stop: 2844, Start Num: 146

Candidate Starts for LilTurb_5:

(Start: 146 @2548 has 617 MA's), (182, 2671),

Gene: Lilbit_88 Start: 49238, Stop: 49564, Start Num: 146

Candidate Starts for Lilbit_88:

(139, 49232), (Start: 146 @49238 has 617 MA's), (Start: 157 @49280 has 1 MA's), (166, 49325), (183, 49385), (194, 49445), (204, 49505),

Gene: Lilbunny_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Lilbunny_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Lilith_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Lilith_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: LionelHutz_25 Start: 17075, Stop: 17374, Start Num: 153

Candidate Starts for LionelHutz_25:

(110, 16973), (Start: 153 @17075 has 161 MA's), (185, 17204), (186, 17207), (194, 17270), (201, 17318), (203, 17327), (211, 17363),

Gene: LionsBait_4 Start: 2366, Stop: 2662, Start Num: 146

Candidate Starts for LionsBait_4:

(Start: 146 @2366 has 617 MA's),

Gene: LittleCherry_1 Start: 535, Stop: 834, Start Num: 130

Candidate Starts for LittleCherry_1:

(Start: 130 @535 has 41 MA's), (177, 643), (193, 715), (206, 784), (214, 829),

Gene: LittleLaf_90 Start: 49009, Stop: 49293, Start Num: 157

Candidate Starts for LittleLaf_90:

(139, 48961), (Start: 146 @48967 has 617 MA's), (Start: 157 @49009 has 1 MA's), (166, 49054), (183, 49114), (194, 49174), (204, 49234),

Gene: Livingwater_25 Start: 17077, Stop: 17376, Start Num: 153

Candidate Starts for Livingwater_25:

(110, 16975), (Start: 153 @17077 has 161 MA's), (185, 17206), (186, 17209), (194, 17272), (201, 17320), (203, 17329), (211, 17365),

Gene: Lizalica_69 Start: 42687, Stop: 42989, Start Num: 146

Candidate Starts for Lizalica_69:

(Start: 146 @42687 has 617 MA's), (Start: 159 @42738 has 1 MA's), (163, 42753), (180, 42804), (196, 42879), (212, 42978),

Gene: Loca_25 Start: 17102, Stop: 17401, Start Num: 153

Candidate Starts for Loca_25:

(110, 17000), (Start: 153 @17102 has 161 MA's), (185, 17231), (186, 17234), (194, 17297), (201, 17345), (203, 17354), (211, 17390),

Gene: Lockley_2 Start: 739, Stop: 1035, Start Num: 146

Candidate Starts for Lockley_2:

(Start: 146 @739 has 617 MA's), (182, 862), (195, 916), (200, 952), (208, 988),

Gene: Lokk_5 Start: 2540, Stop: 2836, Start Num: 146

Candidate Starts for Lokk_5:

(Start: 146 @2540 has 617 MA's),

Gene: Lola20_25 Start: 17015, Stop: 17314, Start Num: 153

Candidate Starts for Lola20_25:

(110, 16913), (Start: 153 @17015 has 161 MA's), (185, 17144), (186, 17147), (194, 17210), (201, 17258), (203, 17267), (211, 17303),

Gene: London_69 Start: 43231, Stop: 43533, Start Num: 146

Candidate Starts for London_69:

(Start: 146 @43231 has 617 MA's), (Start: 159 @43282 has 1 MA's), (163, 43297), (180, 43348), (196, 43423), (212, 43522),

Gene: LoneWolf_4 Start: 2099, Stop: 2392, Start Num: 141

Candidate Starts for LoneWolf_4:

(Start: 141 @2099 has 35 MA's), (177, 2201), (182, 2219),

Gene: Loofah_3 Start: 682, Stop: 996, Start Num: 146

Candidate Starts for Loofah_3:

(Start: 106 @604 has 1 MA's), (138, 673), (Start: 146 @682 has 617 MA's), (184, 826), (188, 838),

Gene: Looper_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Looper_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: Lopton_2 Start: 841, Stop: 1137, Start Num: 146

Candidate Starts for Lopton_2:

(Start: 119 @793 has 1 MA's), (Start: 146 @841 has 617 MA's), (182, 964), (200, 1054), (208, 1090),

Gene: Lorelei_2 Start: 726, Stop: 1037, Start Num: 145

Candidate Starts for Lorelei_2:

(Start: 70 @591 has 2 MA's), (Start: 145 @726 has 54 MA's), (164, 798), (172, 828), (188, 879),

Gene: Loser_4 Start: 2277, Stop: 2573, Start Num: 146

Candidate Starts for Loser_4:

(Start: 146 @2277 has 617 MA's), (182, 2400),

Gene: Louie6_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Louie6_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Lozinak_14 Start: 3268, Stop: 3576, Start Num: 151

Candidate Starts for Lozinak_14:

(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: Luchador_4 Start: 2402, Stop: 2698, Start Num: 146

Candidate Starts for Luchador_4:

(Start: 146 @2402 has 617 MA's), (176, 2504), (180, 2513), (181, 2519),

Gene: Lucivia_4 Start: 2353, Stop: 2649, Start Num: 146

Candidate Starts for Lucivia_4:

(Start: 146 @2353 has 617 MA's), (Start: 155 @2386 has 3 MA's), (169, 2443), (214, 2644),

Gene: Lucyedi_4 Start: 2125, Stop: 2418, Start Num: 141

Candidate Starts for Lucyedi_4:

(Start: 141 @2125 has 35 MA's), (163, 2191), (177, 2227), (182, 2245), (184, 2257),

Gene: LugYA_3 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for LugYA_3:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: LunaStella_101 Start: 55262, Stop: 55549, Start Num: 153

Candidate Starts for LunaStella_101:

(14, 54791), (45, 54992), (61, 55031), (81, 55097), (82, 55100), (Start: 126 @55211 has 36 MA's),
(Start: 153 @55262 has 161 MA's),

Gene: LunarLander_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for LunarLander_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Lunatic_25 Start: 16542, Stop: 16841, Start Num: 153

Candidate Starts for Lunatic_25:

(110, 16440), (Start: 153 @16542 has 161 MA's), (185, 16671), (186, 16674), (194, 16737), (201, 16785), (203, 16794),

Gene: Luxx_25 Start: 17090, Stop: 17389, Start Num: 153

Candidate Starts for Luxx_25:

(Start: 153 @17090 has 161 MA's), (185, 17219), (186, 17222), (194, 17285), (201, 17333), (203, 17342), (211, 17378),

Gene: MA5_1 Start: 429, Stop: 725, Start Num: 146

Candidate Starts for MA5_1:

(125, 420), (Start: 146 @429 has 617 MA's), (163, 498), (184, 564),

Gene: MK4_1 Start: 419, Stop: 715, Start Num: 146

Candidate Starts for MK4_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 146 @419 has 617 MA's), (184, 554),

Gene: MPlant7149_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for MPlant7149_2:

(Start: 146 @748 has 617 MA's), (200, 961), (208, 997),

Gene: MaCh_4 Start: 2353, Stop: 2649, Start Num: 146

Candidate Starts for MaCh_4:

(Start: 146 @2353 has 617 MA's), (Start: 155 @2386 has 3 MA's), (169, 2443), (214, 2644),

Gene: MaGuCo_63 Start: 43554, Stop: 43853, Start Num: 146

Candidate Starts for MaGuCo_63:

(Start: 146 @43554 has 617 MA's), (163, 43620), (164, 43623), (194, 43740), (212, 43845),

Gene: Mabodamaca_75 Start: 48569, Stop: 48868, Start Num: 146

Candidate Starts for Mabodamaca_75:

(42, 48311), (Start: 146 @48569 has 617 MA's), (163, 48635), (180, 48686), (196, 48761),

Gene: Maco6_63 Start: 45489, Stop: 45788, Start Num: 156

Candidate Starts for Maco6_63:

(Start: 156 @45489 has 1 MA's), (161, 45516), (178, 45567), (190, 45624), (205, 45720),

Gene: MadMarie_1 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for MadMarie_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Madebyisha_25 Start: 17154, Stop: 17453, Start Num: 153

Candidate Starts for Madebyisha_25:

(110, 17052), (Start: 153 @17154 has 161 MA's), (185, 17283), (186, 17286), (194, 17349), (201, 17397), (203, 17406), (211, 17442),

Gene: Magnar_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Magnar_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Magnito_1 Start: 535, Stop: 894, Start Num: 112

Candidate Starts for Magnito_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Mainiac_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Mainiac_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Majesty_25 Start: 17071, Stop: 17370, Start Num: 153

Candidate Starts for Majesty_25:

(Start: 153 @17071 has 161 MA's), (185, 17200), (186, 17203), (194, 17266), (201, 17314), (203, 17323), (211, 17359),

Gene: Makemake_2 Start: 1064, Stop: 1360, Start Num: 146

Candidate Starts for Makemake_2:

(Start: 126 @1034 has 36 MA's), (131, 1043), (Start: 141 @1058 has 35 MA's), (Start: 146 @1064 has 617 MA's), (182, 1187), (208, 1313),

Gene: MalagasyRose_85 Start: 53161, Stop: 53499, Start Num: 149

Candidate Starts for MalagasyRose_85:

(84, 53017), (85, 53020), (104, 53065), (117, 53101), (135, 53140), (Start: 149 @53161 has 2 MA's), (170, 53260), (191, 53341),

Gene: Malec_5 Start: 2579, Stop: 2875, Start Num: 146

Candidate Starts for Malec_5:

(Start: 146 @2579 has 617 MA's),

Gene: Malinsilva_3 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Malinsilva_3:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Maminiaina_4 Start: 2102, Stop: 2395, Start Num: 141

Candidate Starts for Maminiaina_4:

(Start: 141 @2102 has 35 MA's), (177, 2204), (182, 2222),

Gene: ManAs_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for ManAs_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Manatee_2 Start: 747, Stop: 1043, Start Num: 146

Candidate Starts for Manatee_2:

(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: Maneater_25 Start: 17054, Stop: 17353, Start Num: 153

Candidate Starts for Maneater_25:

(110, 16952), (Start: 153 @17054 has 161 MA's), (185, 17183), (186, 17186), (194, 17249), (201, 17297), (203, 17306), (211, 17342),

Gene: Maneekul_2 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for Maneekul_2:

(Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (172, 831), (182, 858), (196, 921),

Gene: Manu_2 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for Manu_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: MarQuardt_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for MarQuardt_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Marav_3 Start: 1035, Stop: 1349, Start Num: 146

Candidate Starts for Marav_3:

(Start: 83 @909 has 6 MA's), (Start: 106 @963 has 1 MA's), (Start: 137 @1029 has 1 MA's), (Start: 146 @1035 has 617 MA's), (163, 1104), (184, 1179), (192, 1212),

Gene: Marcell_2 Start: 743, Stop: 1039, Start Num: 146

Candidate Starts for Marcell_2:

(Start: 146 @743 has 617 MA's), (182, 866), (200, 956), (208, 992),

Gene: Marchy_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Marchy_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Marco3_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Marco3_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Marge_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Marge_1:

(Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Margo_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Margo_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Marichuy_26 Start: 17105, Stop: 17404, Start Num: 153

Candidate Starts for Marichuy_26:

(110, 17003), (Start: 153 @17105 has 161 MA's), (185, 17234), (186, 17237), (194, 17300), (201, 17348), (203, 17357),

Gene: Marie_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Marie_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Marius_2 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for Marius_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Maroc7_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for Maroc7_1:

(Start: 112 @537 has 4 MA's), (Start: 126 @573 has 36 MA's), (131, 582), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: Marsha_2 Start: 1060, Stop: 1356, Start Num: 144

Candidate Starts for Marsha_2:

(Start: 126 @1033 has 36 MA's), (131, 1042), (Start: 141 @1057 has 35 MA's), (Start: 144 @1060 has 1 MA's), (182, 1183), (208, 1309),

Gene: Marvin_86 Start: 48763, Stop: 49089, Start Num: 146

Candidate Starts for Marvin_86:

(139, 48757), (Start: 146 @48763 has 617 MA's), (Start: 157 @48805 has 1 MA's), (166, 48850), (183, 48910), (194, 48970), (204, 49030),

Gene: MaryBeth_2 Start: 751, Stop: 1047, Start Num: 146

Candidate Starts for MaryBeth_2:

(Start: 146 @751 has 617 MA's), (182, 874), (200, 964), (208, 1000),

Gene: MasterPitts_25 Start: 17012, Stop: 17311, Start Num: 153

Candidate Starts for MasterPitts_25:

(110, 16910), (Start: 153 @17012 has 161 MA's), (185, 17141), (186, 17144), (194, 17207), (201, 17255), (203, 17264),

Gene: Mauilvory_24 Start: 16465, Stop: 16764, Start Num: 153

Candidate Starts for Mauilvory_24:

(110, 16363), (Start: 153 @16465 has 161 MA's), (185, 16594), (186, 16597), (194, 16660), (201, 16708), (203, 16717),

Gene: Maureen_69 Start: 45432, Stop: 45731, Start Num: 146

Candidate Starts for Maureen_69:

(Start: 146 @45432 has 617 MA's), (163, 45498), (164, 45501), (194, 45618), (212, 45723),

Gene: McFly_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for McFly_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: McGuire_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for McGuire_2:

(Start: 146 @749 has 617 MA's), (182, 872), (195, 926), (200, 962), (208, 998),

Gene: McShie_25 Start: 17061, Stop: 17360, Start Num: 153

Candidate Starts for McShie_25:

(15, 16587), (21, 16659), (110, 16959), (Start: 153 @17061 has 161 MA's), (185, 17190), (186, 17193), (194, 17256), (201, 17304), (203, 17313), (211, 17349),

Gene: McSinger_2 Start: 741, Stop: 1049, Start Num: 146

Candidate Starts for McSinger_2:

(101, 636), (Start: 146 @741 has 617 MA's), (182, 864), (200, 954), (208, 990),

Gene: MelBee03_25 Start: 17068, Stop: 17367, Start Num: 153

Candidate Starts for MelBee03_25:

(110, 16966), (Start: 153 @17068 has 161 MA's), (185, 17197), (186, 17200), (194, 17263), (201, 17311), (203, 17320), (211, 17356),

Gene: Mendokysei_63 Start: 42026, Stop: 42310, Start Num: 159

Candidate Starts for Mendokysei_63:

(11, 41501), (16, 41540), (19, 41567), (39, 41678), (114, 41906), (Start: 159 @42026 has 1 MA's), (189, 42134), (193, 42173),

Gene: MetalQZJ_2 Start: 751, Stop: 1047, Start Num: 146

Candidate Starts for MetalQZJ_2:

(Start: 146 @751 has 617 MA's), (182, 874), (200, 964), (208, 1000),

Gene: Methuselah_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Methuselah_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Miaurora_25 Start: 16659, Stop: 16958, Start Num: 153

Candidate Starts for Miaurora_25:

(110, 16557), (Start: 153 @16659 has 161 MA's), (185, 16788), (186, 16791), (194, 16854), (201, 16902), (203, 16911),

Gene: Michley_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Michley_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Microwolf_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Microwolf_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: MiculUcigas_5 Start: 2624, Stop: 2920, Start Num: 146

Candidate Starts for MiculUcigas_5:

(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Midas2_1 Start: 503, Stop: 802, Start Num: 130

Candidate Starts for Midas2_1:

(56, 368), (Start: 130 @503 has 41 MA's), (177, 611), (193, 683), (206, 752), (214, 797),

Gene: Miko_5 Start: 2518, Stop: 2814, Start Num: 146

Candidate Starts for Miko_5:

(Start: 146 @2518 has 617 MA's),

Gene: Milcery_1 Start: 534, Stop: 833, Start Num: 130

Candidate Starts for Milcery_1:

(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: MilleFeuille_1 Start: 606, Stop: 902, Start Num: 146

Candidate Starts for MilleFeuille_1:

(Start: 112 @543 has 4 MA's), (Start: 126 @579 has 36 MA's), (131, 588), (Start: 146 @606 has 617 MA's), (182, 729), (200, 819), (208, 855),

Gene: MinecraftSteve_5 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for MinecraftSteve_5:

(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: MiniMommy_70 Start: 43251, Stop: 43613, Start Num: 140

Candidate Starts for MiniMommy_70:

(Start: 83 @43134 has 6 MA's), (Start: 140 @43251 has 4 MA's), (160, 43320), (163, 43326), (209, 43521), (213, 43554), (216, 43563),

Gene: Minima_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Minima_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: MirimarMandM_25 Start: 17137, Stop: 17436, Start Num: 153

Candidate Starts for MirimarMandM_25:

(110, 17035), (Start: 153 @17137 has 161 MA's), (185, 17266), (186, 17269), (194, 17332), (201, 17380), (203, 17389), (211, 17425),

Gene: Miskis_12 Start: 3268, Stop: 3576, Start Num: 151

Candidate Starts for Miskis_12:

(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: MissSwiss_70 Start: 42246, Stop: 42548, Start Num: 146

Candidate Starts for MissSwiss_70:

(Start: 146 @42246 has 617 MA's), (180, 42363), (193, 42429), (212, 42537),

Gene: MissWhite_4 Start: 2314, Stop: 2610, Start Num: 146

Candidate Starts for MissWhite_4:

(Start: 146 @2314 has 617 MA's),

Gene: Mkhuseli_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for Mkhuseli_1:

(Start: 112 @537 has 4 MA's), (Start: 126 @573 has 36 MA's), (131, 582), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: Molly_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Molly_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Mollymur_10 Start: 5419, Stop: 5724, Start Num: 151

Candidate Starts for Mollymur_10:

(Start: 151 @5419 has 25 MA's), (192, 5590), (214, 5719),

Gene: Monet_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Monet_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: MoneyMay_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for MoneyMay_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Moose_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Moose_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (195, 773), (200, 809), (208, 845),

Gene: MortyNRick_97 Start: 53600, Stop: 53893, Start Num: 154

Candidate Starts for MortyNRick_97:

(78, 53429), (Start: 154 @53600 has 6 MA's),

Gene: MosMoris_88 Start: 49109, Stop: 49435, Start Num: 145

Candidate Starts for MosMoris_88:

(Start: 145 @49109 has 54 MA's), (Start: 157 @49151 has 1 MA's), (166, 49196), (183, 49256), (194, 49316), (204, 49376),

Gene: MrGordo_1 Start: 570, Stop: 905, Start Num: 126

Candidate Starts for MrGordo_1:

(113, 534), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: MrGreen_25 Start: 17048, Stop: 17347, Start Num: 153

Candidate Starts for MrGreen_25:

(110, 16946), (Start: 153 @17048 has 161 MA's), (185, 17177), (186, 17180), (194, 17243), (201, 17291), (203, 17300), (211, 17336),

Gene: Mryolo_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Mryolo_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Mudpuppy_68 Start: 43455, Stop: 43757, Start Num: 146

Candidate Starts for Mudpuppy_68:

(Start: 146 @43455 has 617 MA's), (Start: 159 @43506 has 1 MA's), (163, 43521), (180, 43572), (196, 43647), (212, 43746),

Gene: Mulciber_4 Start: 2359, Stop: 2655, Start Num: 146

Candidate Starts for Mulciber_4:

(Start: 146 @2359 has 617 MA's), (Start: 155 @2392 has 3 MA's), (169, 2449), (214, 2650),

Gene: Mule_1 Start: 595, Stop: 891, Start Num: 146

Candidate Starts for Mule_1:

(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 141 @592 has 35 MA's), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: Munch_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Munch_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Museum_3 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Museum_3:

(Start: 146 @748 has 617 MA's), (200, 961), (208, 997),

Gene: MyraDee_1 Start: 377, Stop: 667, Start Num: 147

Candidate Starts for MyraDee_1:

(Start: 147 @377 has 1 MA's), (163, 440), (184, 506), (206, 617),

Gene: Myram_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Myram_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Myxus_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Myxus_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: NEHalo_2 Start: 747, Stop: 1043, Start Num: 146
Candidate Starts for NEHalo_2:
(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: NaSiaTalie_5 Start: 2624, Stop: 2920, Start Num: 146
Candidate Starts for NaSiaTalie_5:
(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Nabi_2 Start: 726, Stop: 1037, Start Num: 145
Candidate Starts for Nabi_2:
(Start: 70 @591 has 2 MA's), (Start: 145 @726 has 54 MA's), (164, 798), (172, 828), (188, 879),

Gene: Naby_26 Start: 17079, Stop: 17381, Start Num: 153
Candidate Starts for Naby_26:
(30, 16722), (110, 16980), (Start: 153 @17079 has 161 MA's), (185, 17208), (194, 17274), (201, 17322), (203, 17331),

Gene: Naca_1 Start: 505, Stop: 804, Start Num: 130
Candidate Starts for Naca_1:
(Start: 130 @505 has 41 MA's), (Start: 152 @520 has 1 MA's), (177, 613), (206, 754), (214, 799),

Gene: Naira_1 Start: 606, Stop: 902, Start Num: 146
Candidate Starts for Naira_1:
(Start: 112 @543 has 4 MA's), (Start: 126 @579 has 36 MA's), (131, 588), (Start: 146 @606 has 617 MA's), (182, 729), (195, 783), (200, 819), (208, 855),

Gene: Nairb_57 Start: 40896, Stop: 41195, Start Num: 83
Candidate Starts for Nairb_57:
(37, 40761), (49, 40821), (Start: 83 @40896 has 6 MA's), (189, 41019),

Gene: Naji_4 Start: 2345, Stop: 2641, Start Num: 146
Candidate Starts for Naji_4:
(Start: 146 @2345 has 617 MA's),

Gene: Namsahir_27 Start: 16803, Stop: 17102, Start Num: 153
Candidate Starts for Namsahir_27:
(110, 16701), (Start: 153 @16803 has 161 MA's), (185, 16932), (186, 16935), (194, 16998), (201, 17046), (203, 17055),

Gene: Nanodon_3 Start: 713, Stop: 1027, Start Num: 145
Candidate Starts for Nanodon_3:
(78, 602), (102, 632), (Start: 145 @713 has 54 MA's), (164, 785), (188, 869),

Gene: NearlyHeadless_1 Start: 505, Stop: 798, Start Num: 148
Candidate Starts for NearlyHeadless_1:
(Start: 148 @505 has 8 MA's), (193, 679), (208, 757), (214, 793),

Gene: Nebulosus_4 Start: 2278, Stop: 2574, Start Num: 146
Candidate Starts for Nebulosus_4:
(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: Nedarya_4 Start: 2247, Stop: 2543, Start Num: 146
Candidate Starts for Nedarya_4:

(Start: 146 @2247 has 617 MA's),

Gene: Neeharika16_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Neeharika16_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Nerdos_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Nerdos_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Nergal_81 Start: 54725, Stop: 55063, Start Num: 149

Candidate Starts for Nergal_81:

(Start: 149 @54725 has 2 MA's), (168, 54815), (170, 54824), (191, 54905),

Gene: Nerujay_1 Start: 598, Stop: 906, Start Num: 146

Candidate Starts for Nerujay_1:

(113, 535), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Nette_66 Start: 41850, Stop: 42134, Start Num: 86

Candidate Starts for Nette_66:

(20, 41607), (86, 41850), (193, 41997),

Gene: NeumannU_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for NeumannU_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Newrala_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Newrala_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Nhonho_2 Start: 746, Stop: 1042, Start Num: 146

Candidate Starts for Nhonho_2:

(Start: 146 @746 has 617 MA's), (200, 959), (208, 995),

Gene: Nibbles_67 Start: 45280, Stop: 45597, Start Num: 150

Candidate Starts for Nibbles_67:

(Start: 150 @45280 has 11 MA's), (189, 45418), (199, 45487),

Gene: NicoleTera_4 Start: 2315, Stop: 2611, Start Num: 146

Candidate Starts for NicoleTera_4:

(Start: 146 @2315 has 617 MA's),

Gene: Niffler_25 Start: 16650, Stop: 16949, Start Num: 153

Candidate Starts for Niffler_25:

(110, 16548), (Start: 153 @16650 has 161 MA's), (185, 16779), (186, 16782), (194, 16845), (201, 16893), (203, 16902),

Gene: Niobe_69 Start: 43234, Stop: 43536, Start Num: 146

Candidate Starts for Niobe_69:

(Start: 146 @43234 has 617 MA's), (Start: 159 @43285 has 1 MA's), (163, 43300), (180, 43351), (196, 43426), (212, 43525),

Gene: Nishikigoi_2 Start: 652, Stop: 966, Start Num: 146

Candidate Starts for Nishikigoi_2:

(Start: 137 @643 has 1 MA's), (Start: 146 @652 has 617 MA's), (184, 796), (192, 829),

Gene: Nitro_70 Start: 44009, Stop: 44311, Start Num: 146

Candidate Starts for Nitro_70:

(Start: 146 @44009 has 617 MA's), (163, 44075), (180, 44126), (196, 44201), (212, 44300),

Gene: Niza_3 Start: 1297, Stop: 1593, Start Num: 146

Candidate Starts for Niza_3:

(Start: 119 @1249 has 1 MA's), (Start: 146 @1297 has 617 MA's), (182, 1420), (208, 1546),

Gene: Nobel_25 Start: 16676, Stop: 16975, Start Num: 153

Candidate Starts for Nobel_25:

(110, 16574), (Start: 153 @16676 has 161 MA's), (185, 16805), (186, 16808), (194, 16871), (201, 16919), (203, 16928),

Gene: Noelani_25 Start: 16975, Stop: 17274, Start Num: 153

Candidate Starts for Noelani_25:

(46, 16711), (110, 16873), (118, 16897), (Start: 153 @16975 has 161 MA's), (186, 17107), (194, 17170), (201, 17218), (203, 17227), (211, 17263),

Gene: Noella_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Noella_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Norvs_14 Start: 3268, Stop: 3576, Start Num: 151

Candidate Starts for Norvs_14:

(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: Norz_2 Start: 745, Stop: 1041, Start Num: 146

Candidate Starts for Norz_2:

(Start: 146 @745 has 617 MA's), (182, 868), (200, 958), (208, 994),

Gene: Noxious_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Noxious_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: OKCentral2016_1 Start: 464, Stop: 760, Start Num: 130

Candidate Starts for OKCentral2016_1:

(96, 377), (Start: 130 @464 has 41 MA's),

Gene: Oaklynn_25 Start: 17012, Stop: 17311, Start Num: 153

Candidate Starts for Oaklynn_25:

(24, 16631), (28, 16640), (110, 16910), (Start: 153 @17012 has 161 MA's), (185, 17141), (186, 17144), (194, 17207), (201, 17255), (203, 17264), (211, 17300),

Gene: ObiToo_74 Start: 43593, Stop: 43895, Start Num: 146

Candidate Starts for ObiToo_74:

(Start: 146 @43593 has 617 MA's), (196, 43785), (212, 43884),

Gene: Octopus_25 Start: 16995, Stop: 17294, Start Num: 153

Candidate Starts for Octopus_25:

(Start: 153 @16995 has 161 MA's), (185, 17124), (186, 17127), (194, 17190), (201, 17238), (203, 17247), (211, 17283),

Gene: OdetoJoy_25 Start: 17154, Stop: 17453, Start Num: 153

Candidate Starts for OdetoJoy_25:

(110, 17052), (Start: 153 @17154 has 161 MA's), (185, 17283), (186, 17286), (194, 17349), (201, 17397), (203, 17406), (211, 17442),

Gene: Odin_3 Start: 2153, Stop: 2449, Start Num: 146

Candidate Starts for Odin_3:

(Start: 146 @2153 has 617 MA's), (197, 2348),

Gene: Ohno789_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Ohno789_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: OlanP_1 Start: 710, Stop: 1003, Start Num: 146

Candidate Starts for OlanP_1:

(Start: 146 @710 has 617 MA's), (163, 776),

Gene: Oliynyk_2 Start: 746, Stop: 1060, Start Num: 145

Candidate Starts for Oliynyk_2:

(102, 668), (Start: 145 @746 has 54 MA's), (188, 902),

Gene: Ollie_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Ollie_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Omar_2 Start: 651, Stop: 965, Start Num: 146

Candidate Starts for Omar_2:

(Start: 137 @642 has 1 MA's), (Start: 146 @651 has 617 MA's), (184, 795), (192, 828),

Gene: OneUp_9 Start: 2116, Stop: 2424, Start Num: 151

Candidate Starts for OneUp_9:

(120, 2056), (Start: 151 @2116 has 25 MA's), (192, 2290), (198, 2326),

Gene: Oofda_4 Start: 2282, Stop: 2578, Start Num: 146

Candidate Starts for Oofda_4:

(103, 2186), (Start: 146 @2282 has 617 MA's), (169, 2372),

Gene: Oogway_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Oogway_1:

(Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (208, 847),

Gene: Orange_4 Start: 2389, Stop: 2652, Start Num: 155

Candidate Starts for Orange_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Otwor_25 Start: 17081, Stop: 17380, Start Num: 153

Candidate Starts for Otwor_25:

(110, 16979), (Start: 153 @17081 has 161 MA's), (185, 17210), (186, 17213), (194, 17276), (201, 17324), (203, 17333), (211, 17369),

Gene: Owens_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for Owens_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Ozzie_2 Start: 739, Stop: 1053, Start Num: 145

Candidate Starts for Ozzie_2:

(Start: 145 @739 has 54 MA's), (188, 895),

Gene: OzzyJ_3 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for OzzyJ_3:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (188, 883),

Gene: P28Green_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for P28Green_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: PGHhamlin_3 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for PGHhamlin_3:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: PSullivan_2 Start: 834, Stop: 1130, Start Num: 146

Candidate Starts for PSullivan_2:

(Start: 119 @786 has 1 MA's), (Start: 146 @834 has 617 MA's), (182, 957), (200, 1047), (208, 1083),

Gene: Pablito_2 Start: 689, Stop: 1003, Start Num: 146

Candidate Starts for Pablito_2:

(Start: 146 @689 has 617 MA's), (184, 833), (188, 845), (192, 866),

Gene: PacerPaul_2 Start: 835, Stop: 1131, Start Num: 146

Candidate Starts for PacerPaul_2:

(Start: 119 @787 has 1 MA's), (Start: 146 @835 has 617 MA's), (182, 958), (200, 1048), (208, 1084),

Gene: PackMan_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for PackMan_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Paedore_3 Start: 682, Stop: 996, Start Num: 146

Candidate Starts for Paedore_3:

(Start: 106 @604 has 1 MA's), (138, 673), (Start: 146 @682 has 617 MA's), (184, 826), (188, 838),

Gene: PainterBoy_4 Start: 2125, Stop: 2418, Start Num: 141

Candidate Starts for PainterBoy_4:

(Start: 141 @2125 has 35 MA's), (163, 2191), (177, 2227), (182, 2245), (184, 2257),

Gene: PandaPo_69 Start: 42253, Stop: 42555, Start Num: 146

Candidate Starts for PandaPo_69:

(Start: 146 @42253 has 617 MA's), (180, 42370), (193, 42436), (212, 42544),

Gene: PaoPu_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for PaoPu_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Paolo_3 Start: 1034, Stop: 1348, Start Num: 146

Candidate Starts for Paolo_3:

(72, 881), (Start: 106 @962 has 1 MA's), (Start: 137 @1028 has 1 MA's), (Start: 146 @1034 has 617 MA's), (163, 1103), (184, 1178),

Gene: Papez_2 Start: 785, Stop: 1129, Start Num: 119

Candidate Starts for Papez_2:

(Start: 119 @785 has 1 MA's), (Start: 146 @833 has 617 MA's), (165, 908), (182, 956), (200, 1046), (208, 1082),

Gene: Paphu_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Paphu_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Paraselene_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Paraselene_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Pari_2 Start: 735, Stop: 1031, Start Num: 146

Candidate Starts for Pari_2:

(Start: 146 @735 has 617 MA's), (182, 858), (200, 948), (208, 984),

Gene: Parliament_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Parliament_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: PascalRango_2 Start: 747, Stop: 1043, Start Num: 146

Candidate Starts for PascalRango_2:

(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: PattyP_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for PattyP_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Pavo_3 Start: 974, Stop: 1288, Start Num: 146

Candidate Starts for Pavo_3:

(53, 770), (54, 773), (Start: 70 @815 has 2 MA's), (71, 824), (100, 875), (138, 968), (Start: 146 @974 has 617 MA's), (163, 1043), (184, 1118), (192, 1151),

Gene: Pawn_1 Start: 522, Stop: 824, Start Num: 126

Candidate Starts for Pawn_1:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Payneful_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Payneful_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: PeaceMeal1_1 Start: 474, Stop: 770, Start Num: 130

Candidate Starts for PeaceMeal1_1:

(48, 270), (Start: 130 @474 has 41 MA's), (184, 609),

Gene: Pelly_2 Start: 782, Stop: 1078, Start Num: 146

Candidate Starts for Pelly_2:

(Start: 146 @782 has 617 MA's), (182, 905), (200, 995), (208, 1031),

Gene: Pembroke_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Pembroke_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Penny1_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Penny1_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Pepe_2 Start: 860, Stop: 1165, Start Num: 146

Candidate Starts for Pepe_2:

(Start: 119 @812 has 1 MA's), (Start: 146 @860 has 617 MA's), (182, 983), (200, 1073), (208, 1109),

Gene: Percival_75 Start: 46934, Stop: 47236, Start Num: 146

Candidate Starts for Percival_75:

(Start: 146 @46934 has 617 MA's), (163, 47000), (180, 47051), (184, 47075),

Gene: Perseus_1 Start: 595, Stop: 891, Start Num: 146

Candidate Starts for Perseus_1:

(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 141 @592 has 35 MA's), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: Peterson_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Peterson_1:

(Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Petp2012_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Petp2012_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Petruchio_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Petruchio_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: PetterN_1 Start: 502, Stop: 801, Start Num: 130

Candidate Starts for PetterN_1:

(Start: 130 @502 has 41 MA's), (Start: 152 @517 has 1 MA's), (177, 610), (206, 751), (214, 796),

Gene: Ph8s_4 Start: 2160, Stop: 2456, Start Num: 146

Candidate Starts for Ph8s_4:

(107, 2076), (Start: 146 @2160 has 617 MA's), (192, 2328),

Gene: Phaded_4 Start: 2109, Stop: 2405, Start Num: 146

Candidate Starts for Phaded_4:

(Start: 146 @2109 has 617 MA's), (171, 2208), (197, 2304),

Gene: Phaeder_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Phaeder_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Phantastic_1 Start: 425, Stop: 721, Start Num: 129

Candidate Starts for Phantastic_1:

(128, 422), (Start: 129 @425 has 3 MA's), (184, 560),

Gene: Pharaoh_4 Start: 2218, Stop: 2514, Start Num: 142

Candidate Starts for Pharaoh_4:

(Start: 142 @2218 has 3 MA's), (181, 2335),

Gene: PherrisBueller_2 Start: 863, Stop: 1171, Start Num: 146

Candidate Starts for PherrisBueller_2:

(Start: 119 @815 has 1 MA's), (Start: 146 @863 has 617 MA's), (182, 986), (200, 1076), (208, 1112),

Gene: Phettuccine_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Phettuccine_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Phillis_1 Start: 505, Stop: 798, Start Num: 148

Candidate Starts for Phillis_1:

(Start: 148 @505 has 8 MA's), (169, 592), (193, 679), (208, 757), (214, 793),

Gene: PhineBark_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for PhineBark_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: PhinkBoden_15 Start: 3766, Stop: 4074, Start Num: 151

Candidate Starts for PhinkBoden_15:

(Start: 126 @3736 has 36 MA's), (Start: 151 @3766 has 25 MA's), (208, 4030),

Gene: PhishRPhriends_1 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for PhishRPhriends_1:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Phives_70 Start: 43835, Stop: 44137, Start Num: 146

Candidate Starts for Phives_70:

(Start: 146 @43835 has 617 MA's), (163, 43901), (180, 43952), (196, 44027), (212, 44126),

Gene: Phlippers_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Phlippers_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Phlorence_1 Start: 534, Stop: 833, Start Num: 130

Candidate Starts for Phlorence_1:

(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: Phoebe_1 Start: 517, Stop: 819, Start Num: 126
Candidate Starts for Phoebe_1:
(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Phonnegut_4 Start: 2335, Stop: 2628, Start Num: 141
Candidate Starts for Phonnegut_4:
(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Phoxy_1 Start: 527, Stop: 820, Start Num: 146
Candidate Starts for Phoxy_1:
(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Phranny_2 Start: 531, Stop: 824, Start Num: 146
Candidate Starts for Phranny_2:
(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: PhrostyMug_1 Start: 532, Stop: 891, Start Num: 112
Candidate Starts for PhrostyMug_1:
(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 141 @592 has 35 MA's), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: Picconator_25 Start: 17072, Stop: 17371, Start Num: 153
Candidate Starts for Picconator_25:
(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: PickleBack_1 Start: 535, Stop: 834, Start Num: 130
Candidate Starts for PickleBack_1:
(Start: 130 @535 has 41 MA's), (177, 643), (193, 715), (206, 784), (214, 829),

Gene: Picnic_25 Start: 16989, Stop: 17288, Start Num: 153
Candidate Starts for Picnic_25:
(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: PinkPlastic_1 Start: 597, Stop: 893, Start Num: 146
Candidate Starts for PinkPlastic_1:
(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (195, 774), (200, 810), (208, 846),

Gene: Pinto_1 Start: 535, Stop: 894, Start Num: 112
Candidate Starts for Pinto_1:
(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Pioneer_4 Start: 2335, Stop: 2628, Start Num: 141
Candidate Starts for Pioneer_4:
(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Pippin_2 Start: 749, Stop: 1057, Start Num: 146
Candidate Starts for Pippin_2:
(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: Piro94_4 Start: 2628, Stop: 2924, Start Num: 146

Candidate Starts for Piro94_4:

(63, 2427), (Start: 146 @2628 has 617 MA's),

Gene: Pistachio_1 Start: 420, Stop: 716, Start Num: 146

Candidate Starts for Pistachio_1:

(Start: 146 @420 has 617 MA's), (184, 555),

Gene: Pita2_2 Start: 834, Stop: 1130, Start Num: 146

Candidate Starts for Pita2_2:

(Start: 119 @786 has 1 MA's), (Start: 146 @834 has 617 MA's), (182, 957), (200, 1047), (208, 1083),

Gene: Pixelle_68 Start: 43980, Stop: 44282, Start Num: 146

Candidate Starts for Pixelle_68:

(Start: 146 @43980 has 617 MA's), (163, 44046), (180, 44097), (196, 44172), (212, 44271),

Gene: Pmask_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Pmask_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: PoRanda_25 Start: 17137, Stop: 17436, Start Num: 153

Candidate Starts for PoRanda_25:

(110, 17035), (Start: 153 @17137 has 161 MA's), (185, 17266), (186, 17269), (194, 17332), (201, 17380), (203, 17389), (211, 17425),

Gene: Pocahontas_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Pocahontas_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Poise_93 Start: 48691, Stop: 49017, Start Num: 146

Candidate Starts for Poise_93:

(128, 48664), (Start: 146 @48691 has 617 MA's), (Start: 157 @48733 has 1 MA's), (166, 48778), (183, 48838), (194, 48898), (204, 48958),

Gene: Pollux_82 Start: 52125, Stop: 52415, Start Num: 153

Candidate Starts for Pollux_82:

(9, 51612), (23, 51762), (27, 51771), (32, 51798), (36, 51816), (41, 51840), (50, 51879), (54, 51891), (55, 51894), (109, 52029), (Start: 153 @52125 has 161 MA's),

Gene: Polyphemus_4 Start: 2145, Stop: 2441, Start Num: 146

Candidate Starts for Polyphemus_4:

(Start: 146 @2145 has 617 MA's), (184, 2280),

Gene: Pomar16_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for Pomar16_4:

(Start: 146 @2345 has 617 MA's),

Gene: Pondwater_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Pondwater_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Poompha_1 Start: 472, Stop: 768, Start Num: 130

Candidate Starts for Poompha_1:

(44, 247), (Start: 130 @472 has 41 MA's), (184, 607),

Gene: Posh_79 Start: 51944, Stop: 52234, Start Num: 153

Candidate Starts for Posh_79:

(123, 51887), (Start: 126 @51893 has 36 MA's), (Start: 153 @51944 has 161 MA's),

Gene: PotatoSplit_2 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for PotatoSplit_2:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Poushou_54 Start: 39982, Stop: 40287, Start Num: 150

Candidate Starts for Poushou_54:

(Start: 150 @39982 has 11 MA's), (167, 40057), (174, 40078), (192, 40159),

Gene: Power_5 Start: 2567, Stop: 2863, Start Num: 146

Candidate Starts for Power_5:

(Start: 146 @2567 has 617 MA's), (182, 2690),

Gene: PowerRanger_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for PowerRanger_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (195, 774), (200, 810), (208, 846),

Gene: Powerpuff_71 Start: 44281, Stop: 44583, Start Num: 146

Candidate Starts for Powerpuff_71:

(Start: 146 @44281 has 617 MA's), (Start: 159 @44332 has 1 MA's), (163, 44347), (180, 44398), (196, 44473), (212, 44572),

Gene: Priamo_4 Start: 2158, Stop: 2454, Start Num: 146

Candidate Starts for Priamo_4:

(Start: 146 @2158 has 617 MA's), (184, 2293),

Gene: Pringar_88 Start: 48479, Stop: 48805, Start Num: 146

Candidate Starts for Pringar_88:

(139, 48473), (Start: 146 @48479 has 617 MA's), (Start: 157 @48521 has 1 MA's), (166, 48566), (183, 48626), (194, 48686), (204, 48746),

Gene: Priya_4 Start: 2332, Stop: 2625, Start Num: 141

Candidate Starts for Priya_4:

(Start: 122 @2305 has 3 MA's), (Start: 141 @2332 has 35 MA's), (177, 2434), (182, 2452),

Gene: ProMouse_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for ProMouse_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (208, 845),

Gene: Provolone_4 Start: 978, Stop: 1292, Start Num: 146

Candidate Starts for Provolone_4:

(69, 825), (82, 858), (92, 864), (94, 870), (138, 972), (Start: 146 @978 has 617 MA's), (163, 1047), (184, 1122), (192, 1155),

Gene: Publix_26 Start: 16803, Stop: 17102, Start Num: 153

Candidate Starts for Publix_26:

(110, 16701), (Start: 153 @16803 has 161 MA's), (185, 16932), (186, 16935), (194, 16998), (201, 17046), (203, 17055),

Gene: Puddles3_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Puddles3_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: PuffyCat_25 Start: 16593, Stop: 16892, Start Num: 153

Candidate Starts for PuffyCat_25:

(110, 16491), (Start: 153 @16593 has 161 MA's), (185, 16722), (186, 16725), (194, 16788), (201, 16836), (203, 16845),

Gene: Puginator_3 Start: 1036, Stop: 1350, Start Num: 146

Candidate Starts for Puginator_3:

(72, 883), (Start: 106 @964 has 1 MA's), (Start: 137 @1030 has 1 MA's), (Start: 146 @1036 has 617 MA's), (163, 1105), (184, 1180),

Gene: Pukovnik_4 Start: 2088, Stop: 2384, Start Num: 146

Candidate Starts for Pukovnik_4:

(Start: 146 @2088 has 617 MA's), (197, 2283),

Gene: Puppet_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Puppet_1:

(Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Puppy_1 Start: 420, Stop: 716, Start Num: 146

Candidate Starts for Puppy_1:

(Start: 146 @420 has 617 MA's), (184, 555),

Gene: PurpleHaze_1 Start: 522, Stop: 824, Start Num: 126

Candidate Starts for PurpleHaze_1:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Pytheas_83 Start: 53170, Stop: 53460, Start Num: 153

Candidate Starts for Pytheas_83:

(123, 53113), (Start: 126 @53119 has 36 MA's), (Start: 153 @53170 has 161 MA's),

Gene: QTRLifeCrisis_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for QTRLifeCrisis_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Qobbit_4 Start: 2305, Stop: 2625, Start Num: 122

Candidate Starts for Qobbit_4:

(Start: 122 @2305 has 3 MA's), (Start: 141 @2332 has 35 MA's), (177, 2434), (182, 2452),

Gene: Quaker_25 Start: 17077, Stop: 17376, Start Num: 153

Candidate Starts for Quaker_25:

(110, 16975), (Start: 153 @17077 has 161 MA's), (185, 17206), (186, 17209), (194, 17272), (201, 17320), (203, 17329), (211, 17365),

Gene: QueenB2_5 Start: 2671, Stop: 2967, Start Num: 146

Candidate Starts for QueenB2_5:

(Start: 146 @2671 has 617 MA's), (182, 2794),

Gene: QueenBeesly_5 Start: 2568, Stop: 2864, Start Num: 146

Candidate Starts for QueenBeesly_5:

(Start: 146 @2568 has 617 MA's), (182, 2691),

Gene: R4_1 Start: 671, Stop: 985, Start Num: 146

Candidate Starts for R4_1:

(58, 464), (Start: 106 @593 has 1 MA's), (138, 662), (Start: 146 @671 has 617 MA's), (184, 815), (188, 827),

Gene: Rachaly_5 Start: 2538, Stop: 2834, Start Num: 146

Candidate Starts for Rachaly_5:

(Start: 146 @2538 has 617 MA's),

Gene: Raela_94 Start: 49242, Stop: 49568, Start Num: 146

Candidate Starts for Raela_94:

(128, 49215), (Start: 146 @49242 has 617 MA's), (Start: 157 @49284 has 1 MA's), (166, 49329), (183, 49389), (194, 49449), (204, 49509),

Gene: Rahalelujah_4 Start: 2102, Stop: 2395, Start Num: 141

Candidate Starts for Rahalelujah_4:

(Start: 141 @2102 has 35 MA's), (177, 2204), (182, 2222),

Gene: Raid_2 Start: 783, Stop: 1079, Start Num: 146

Candidate Starts for Raid_2:

(Start: 146 @783 has 617 MA's), (182, 906), (200, 996), (208, 1032),

Gene: Rajelicia_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Rajelicia_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Rana_2 Start: 726, Stop: 1037, Start Num: 145

Candidate Starts for Rana_2:

(Start: 70 @591 has 2 MA's), (Start: 145 @726 has 54 MA's), (164, 798), (172, 828), (188, 879),

Gene: Ravana_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Ravana_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: ReMo_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for ReMo_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: Reba_2 Start: 531, Stop: 824, Start Num: 146

Candidate Starts for Reba_2:

(Start: 126 @522 has 36 MA's), (Start: 146 @531 has 617 MA's), (163, 597),

Gene: Rebeuca_2 Start: 549, Stop: 926, Start Num: 98

Candidate Starts for Rebeuca_2:

(Start: 98 @549 has 2 MA's), (Start: 130 @630 has 41 MA's),

Gene: RedBear_3 Start: 726, Stop: 1040, Start Num: 145

Candidate Starts for RedBear_3:

(68, 582), (Start: 145 @726 has 54 MA's), (164, 798), (188, 882),

Gene: RedRaider77_92 Start: 48636, Stop: 48962, Start Num: 146

Candidate Starts for RedRaider77_92:

(128, 48609), (Start: 146 @48636 has 617 MA's), (Start: 157 @48678 has 1 MA's), (166, 48723), (183, 48783), (194, 48843), (204, 48903),

Gene: RedRock_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for RedRock_4:

(Start: 146 @2278 has 617 MA's), (182, 2401),

Gene: Reedo_68 Start: 41440, Stop: 41742, Start Num: 146

Candidate Starts for Reedo_68:

(Start: 146 @41440 has 617 MA's), (160, 41500), (163, 41506), (180, 41557), (196, 41632), (212, 41731), (213, 41734),

Gene: Refuge_4 Start: 2250, Stop: 2546, Start Num: 146

Candidate Starts for Refuge_4:

(Start: 146 @2250 has 617 MA's),

Gene: Remus_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Remus_4:

(Start: 146 @2278 has 617 MA's),

Gene: Renaud18_112 Start: 57550, Stop: 57837, Start Num: 153

Candidate Starts for Renaud18_112:

(14, 57079), (45, 57280), (61, 57319), (81, 57385), (82, 57388), (Start: 126 @57499 has 36 MA's), (Start: 153 @57550 has 161 MA's),

Gene: ResDef_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for ResDef_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: Retro23_5 Start: 2671, Stop: 2967, Start Num: 146

Candidate Starts for Retro23_5:

(Start: 146 @2671 has 617 MA's), (182, 2794),

Gene: Rhogar_25 Start: 17075, Stop: 17374, Start Num: 153

Candidate Starts for Rhogar_25:

(110, 16973), (Start: 153 @17075 has 161 MA's), (185, 17204), (186, 17207), (194, 17270), (201, 17318), (203, 17327), (211, 17363),

Gene: RhynO_1 Start: 474, Stop: 770, Start Num: 130

Candidate Starts for RhynO_1:

(Start: 130 @474 has 41 MA's), (184, 609),

Gene: Rhynn_1 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Rhynn_1:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Rhysand_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for Rhysand_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: RidgeCB_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for RidgeCB_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Rifter_4 Start: 2132, Stop: 2428, Start Num: 146

Candidate Starts for Rifter_4:

(Start: 146 @2132 has 617 MA's), (184, 2267),

Gene: Ringer_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Ringer_1:

(Start: 126 @570 has 36 MA's), (131, 579), (Start: 141 @594 has 35 MA's), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Rira_25 Start: 16598, Stop: 16897, Start Num: 153

Candidate Starts for Rira_25:

(110, 16496), (Start: 153 @16598 has 161 MA's), (185, 16727), (186, 16730), (194, 16793), (201, 16841), (203, 16850),

Gene: Roary_1 Start: 505, Stop: 798, Start Num: 148

Candidate Starts for Roary_1:

(Start: 148 @505 has 8 MA's), (169, 592), (193, 679), (208, 757), (214, 793),

Gene: Rohr_2 Start: 832, Stop: 1128, Start Num: 146

Candidate Starts for Rohr_2:

(Start: 119 @784 has 1 MA's), (Start: 146 @832 has 617 MA's), (182, 955), (200, 1045), (208, 1081),

Gene: Roimos_1 Start: 416, Stop: 712, Start Num: 129

Candidate Starts for Roimos_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 129 @416 has 3 MA's), (184, 551),

Gene: Roksolana_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Roksolana_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: RonRayGun_59 Start: 41099, Stop: 41398, Start Num: 83

Candidate Starts for RonRayGun_59:

(Start: 83 @41099 has 6 MA's), (189, 41222),

Gene: Rosalind_4 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for Rosalind_4:

(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: RoscoWindex_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for RoscoWindex_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: Rubeus_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Rubeus_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Rufus_2 Start: 747, Stop: 1043, Start Num: 146

Candidate Starts for Rufus_2:

(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: Rummer_1 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for Rummer_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Ruotula_2 Start: 1335, Stop: 1625, Start Num: 153

Candidate Starts for Ruotula_2:

(17, 900), (35, 1008), (38, 1017), (82, 1173), (87, 1182), (90, 1185), (Start: 153 @1335 has 161 MA's), (158, 1362), (200, 1542), (208, 1578),

Gene: Rusticus_2 Start: 746, Stop: 1060, Start Num: 145

Candidate Starts for Rusticus_2:

(102, 668), (Start: 145 @746 has 54 MA's), (188, 902),

Gene: Rutherferd_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for Rutherferd_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: RyeScarlet_5 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for RyeScarlet_5:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: SPB78_77 Start: 49993, Stop: 50292, Start Num: 145

Candidate Starts for SPB78_77:

(Start: 145 @49993 has 54 MA's), (Start: 159 @50050 has 1 MA's), (179, 50110),

Gene: STLscum_2 Start: 861, Stop: 1166, Start Num: 146

Candidate Starts for STLscum_2:

(Start: 119 @813 has 1 MA's), (Start: 146 @861 has 617 MA's), (182, 984), (200, 1074), (208, 1110),

Gene: Sabia_1 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for Sabia_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Sabinator_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Sabinator_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Sachet_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Sachet_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Saftant_2 Start: 978, Stop: 1292, Start Num: 146

Candidate Starts for Saftant_2:

(73, 831), (91, 855), (95, 864), (138, 969), (Start: 141 @972 has 35 MA's), (Start: 146 @978 has 617 MA's), (184, 1122),

Gene: Sage7_25 Start: 17079, Stop: 17378, Start Num: 153

Candidate Starts for Sage7_25:

(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Sagefire_2 Start: 699, Stop: 995, Start Num: 146

Candidate Starts for Sagefire_2:

(Start: 146 @699 has 617 MA's), (182, 822), (200, 912), (208, 948),

Gene: Saintus_1 Start: 505, Stop: 798, Start Num: 148

Candidate Starts for Saintus_1:

(Start: 148 @505 has 8 MA's), (169, 592), (193, 679), (208, 757), (214, 793),

Gene: Salz_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Salz_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Samy_101 Start: 60454, Stop: 60759, Start Num: 146

Candidate Starts for Samy_101:

(Start: 146 @60454 has 617 MA's), (171, 60550), (180, 60571), (184, 60595), (192, 60628), (207, 60712), (208, 60718),

Gene: SantasSleigh_25 Start: 17103, Stop: 17402, Start Num: 153

Candidate Starts for SantasSleigh_25:

(110, 17001), (Start: 153 @17103 has 161 MA's), (185, 17232), (186, 17235), (194, 17298), (201, 17346), (203, 17355), (211, 17391),

Gene: Sanya_1 Start: 1334, Stop: 1624, Start Num: 153

Candidate Starts for Sanya_1:

(17, 899), (38, 1016), (82, 1172), (87, 1181), (90, 1184), (Start: 153 @1334 has 161 MA's), (158, 1361), (200, 1541), (208, 1577),

Gene: SarFire_2 Start: 757, Stop: 1053, Start Num: 146

Candidate Starts for SarFire_2:

(Start: 146 @757 has 617 MA's), (182, 880), (200, 970), (208, 1006),

Gene: Sara_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for Sara_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: SarahRose_2 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for SarahRose_2:

(Start: 70 @588 has 2 MA's), (Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (188, 882),

Gene: Scamander_25 Start: 17079, Stop: 17378, Start Num: 153

Candidate Starts for Scamander_25:

(110, 16977), (Start: 153 @17079 has 161 MA's), (185, 17208), (186, 17211), (194, 17274), (201, 17322), (203, 17331), (211, 17367),

Gene: Scherzo_4 Start: 2335, Stop: 2628, Start Num: 141

Candidate Starts for Scherzo_4:

(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Scorpia_1 Start: 502, Stop: 801, Start Num: 130

Candidate Starts for Scorpia_1:

(Start: 130 @502 has 41 MA's), (Start: 152 @517 has 1 MA's), (177, 610), (206, 751), (214, 796),

Gene: Scout_1 Start: 416, Stop: 712, Start Num: 129

Candidate Starts for Scout_1:

(Start: 74 @293 has 2 MA's), (125, 410), (Start: 129 @416 has 3 MA's), (184, 551),

Gene: Scowl_2 Start: 986, Stop: 1294, Start Num: 146

Candidate Starts for Scowl_2:

(Start: 146 @986 has 617 MA's), (182, 1109), (200, 1199), (208, 1235),

Gene: Scrunchy_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for Scrunchy_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: SeaWolves_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for SeaWolves_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: Seabiscuit_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for Seabiscuit_2:

(Start: 146 @749 has 617 MA's), (182, 872), (195, 926), (200, 962), (208, 998),

Gene: Seanderson_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for Seanderson_1:

(Start: 112 @537 has 4 MA's), (Start: 126 @573 has 36 MA's), (131, 582), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: SemperFi_5 Start: 2562, Stop: 2858, Start Num: 146

Candidate Starts for SemperFi_5:

(Start: 146 @2562 has 617 MA's), (182, 2685),

Gene: Serenity_4 Start: 2328, Stop: 2624, Start Num: 146

Candidate Starts for Serenity_4:

(Start: 146 @2328 has 617 MA's),

Gene: Severus_1 Start: 472, Stop: 768, Start Num: 130

Candidate Starts for Severus_1:

(44, 247), (Start: 130 @472 has 41 MA's), (184, 607),

Gene: ShakeltOph_70 Start: 43243, Stop: 43605, Start Num: 140

Candidate Starts for ShakeltOph_70:

(Start: 83 @43126 has 6 MA's), (Start: 140 @43243 has 4 MA's), (160, 43312), (163, 43318), (209, 43513), (216, 43555),

Gene: Sham4_4 Start: 2359, Stop: 2655, Start Num: 146

Candidate Starts for Sham4_4:

(Start: 146 @2359 has 617 MA's), (Start: 155 @2392 has 3 MA's), (169, 2449), (214, 2650),

Gene: ShayRa_5 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for ShayRa_5:

(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: SheaKeira_4 Start: 2123, Stop: 2416, Start Num: 141

Candidate Starts for SheaKeira_4:

(Start: 141 @2123 has 35 MA's), (169, 2210), (177, 2225), (182, 2243),

Gene: Sheen_1 Start: 397, Stop: 693, Start Num: 136

Candidate Starts for Sheen_1:

(Start: 97 @301 has 2 MA's), (Start: 136 @397 has 1 MA's), (206, 643),

Gene: ShortQueendom_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for ShortQueendom_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Sibs6_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Sibs6_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Sippinontea_25 Start: 17100, Stop: 17399, Start Num: 153

Candidate Starts for Sippinontea_25:

(110, 16998), (Start: 153 @17100 has 161 MA's), (185, 17229), (186, 17232), (194, 17295), (201, 17343), (203, 17352), (211, 17388),

Gene: Skelbel_70 Start: 43234, Stop: 43536, Start Num: 146

Candidate Starts for Skelbel_70:

(Start: 146 @43234 has 617 MA's), (Start: 159 @43285 has 1 MA's), (163, 43300), (180, 43351), (196, 43426), (212, 43525),

Gene: SkiPole_2 Start: 861, Stop: 1166, Start Num: 146

Candidate Starts for SkiPole_2:

(Start: 119 @813 has 1 MA's), (Start: 146 @861 has 617 MA's), (182, 984), (200, 1074), (208, 1110),

Gene: Sknot_5 Start: 2624, Stop: 2920, Start Num: 146

Candidate Starts for Sknot_5:

(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Slagathor_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Slagathor_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Slentz_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for Slentz_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: Slizam_25 Start: 16598, Stop: 16897, Start Num: 153

Candidate Starts for Slizam_25:

(110, 16496), (Start: 153 @16598 has 161 MA's), (185, 16727), (186, 16730), (194, 16793), (201, 16841), (203, 16850),

Gene: Smairt_1 Start: 595, Stop: 891, Start Num: 146

Candidate Starts for Smairt_1:

(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 141 @592 has 35 MA's), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: Smeadley_1 Start: 505, Stop: 798, Start Num: 148

Candidate Starts for Smeadley_1:

(Start: 148 @505 has 8 MA's), (169, 592), (193, 679), (208, 757), (214, 793),

Gene: Smeagan_5 Start: 2550, Stop: 2846, Start Num: 146

Candidate Starts for Smeagan_5:

(Start: 146 @2550 has 617 MA's), (182, 2673),

Gene: Smeagol_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Smeagol_1:

(127, 569), (132, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: SmellyB_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for SmellyB_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Smoothie_14 Start: 3268, Stop: 3576, Start Num: 151

Candidate Starts for Smoothie_14:

(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: SnapTap_5 Start: 2567, Stop: 2863, Start Num: 146

Candidate Starts for SnapTap_5:

(Start: 146 @2567 has 617 MA's), (182, 2690),

Gene: Snape_4 Start: 2362, Stop: 2658, Start Num: 146

Candidate Starts for Snape_4:

(Start: 146 @2362 has 617 MA's), (Start: 155 @2395 has 3 MA's), (169, 2452), (214, 2653),

Gene: Snazzy_1 Start: 595, Stop: 891, Start Num: 146

Candidate Starts for Snazzy_1:

(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: Snek_68 Start: 40495, Stop: 40800, Start Num: 146

Candidate Starts for Snek_68:

(Start: 146 @40495 has 617 MA's), (160, 40555), (163, 40561), (180, 40612), (212, 40786),

Gene: Snickers_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Snickers_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Snorlax_2 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for Snorlax_2:

(Start: 70 @588 has 2 MA's), (Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (188, 882),

Gene: Snuffles_27 Start: 16951, Stop: 17250, Start Num: 153

Candidate Starts for Snuffles_27:

(110, 16849), (Start: 153 @16951 has 161 MA's), (185, 17080), (186, 17083), (194, 17146), (201, 17194), (203, 17203),

Gene: SoilDragon_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for SoilDragon_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Solon_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Solon_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Soondubu_62 Start: 44779, Stop: 45078, Start Num: 146

Candidate Starts for Soondubu_62:

(82, 44641), (Start: 146 @44779 has 617 MA's), (163, 44845), (180, 44896), (212, 45070),

Gene: SororFago_4 Start: 2399, Stop: 2695, Start Num: 146

Candidate Starts for SororFago_4:

(Start: 146 @2399 has 617 MA's), (180, 2510),

Gene: Sorpresa_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Sorpresa_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 146 @599 has 617 MA's), (Start: 155 @632 has 3 MA's), (182, 722), (200, 812), (208, 848),

Gene: Soshari_3 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for Soshari_3:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Soups_4 Start: 2425, Stop: 2721, Start Num: 146

Candidate Starts for Soups_4:

(Start: 146 @2425 has 617 MA's),

Gene: South40_2 Start: 726, Stop: 1040, Start Num: 145

Candidate Starts for South40_2:

(68, 582), (Start: 145 @726 has 54 MA's), (164, 798), (188, 882),

Gene: SpeedDemon_90 Start: 4494, Stop: 4802, Start Num: 151

Candidate Starts for SpeedDemon_90:

(Start: 151 @4494 has 25 MA's), (165, 4566), (187, 4632),

Gene: Speedwell_3 Start: 947, Stop: 1261, Start Num: 146

Candidate Starts for Speedwell_3:

(46, 725), (64, 764), (138, 938), (Start: 141 @941 has 35 MA's), (Start: 146 @947 has 617 MA's), (184, 1091),

Gene: Spike509_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Spike509_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: SpikeBT_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for SpikeBT_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Spouty_4 Start: 2332, Stop: 2625, Start Num: 141

Candidate Starts for Spouty_4:

(Start: 122 @2305 has 3 MA's), (Start: 141 @2332 has 35 MA's), (177, 2434), (182, 2452),

Gene: SqueakyClean_3 Start: 1027, Stop: 1341, Start Num: 146

Candidate Starts for SqueakyClean_3:

(Start: 146 @1027 has 617 MA's), (163, 1096), (184, 1171),

Gene: Squee_1 Start: 606, Stop: 902, Start Num: 146

Candidate Starts for Squee_1:

(Start: 112 @543 has 4 MA's), (Start: 126 @579 has 36 MA's), (131, 588), (Start: 146 @606 has 617 MA's), (182, 729), (200, 819), (208, 855),

Gene: Stagni_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Stagni_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: StarStuff_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for StarStuff_4:

(Start: 146 @2345 has 617 MA's),

Gene: Steamy_4 Start: 2222, Stop: 2518, Start Num: 146

Candidate Starts for Steamy_4:

(Start: 146 @2222 has 617 MA's), (163, 2288),

Gene: Stem_25 Start: 16608, Stop: 16907, Start Num: 153

Candidate Starts for Stem_25:

(110, 16506), (Start: 153 @16608 has 161 MA's), (185, 16737), (186, 16740), (194, 16803), (201, 16851), (203, 16860),

Gene: StepMih_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for StepMih_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Stephig9_1 Start: 506, Stop: 799, Start Num: 148

Candidate Starts for Stephig9_1:

(Start: 148 @506 has 8 MA's), (169, 593), (193, 680), (208, 758), (214, 794),

Gene: StewieG_1 Start: 597, Stop: 893, Start Num: 146

Candidate Starts for StewieG_1:

(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: Stink_1 Start: 356, Stop: 763, Start Num: 97

Candidate Starts for Stink_1:

(Start: 97 @356 has 2 MA's), (163, 536), (208, 722),

Gene: StrongArm_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for StrongArm_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 141 @596 has 35 MA's), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Strosahl_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Strosahl_4:

(Start: 146 @2278 has 617 MA's),

Gene: SuMoo_83 Start: 48762, Stop: 49061, Start Num: 146

Candidate Starts for SuMoo_83:

(22, 48399), (30, 48429), (42, 48498), (Start: 146 @48762 has 617 MA's), (163, 48828), (180, 48879), (196, 48954),

Gene: Subaru_69 Start: 43103, Stop: 43405, Start Num: 146

Candidate Starts for Subaru_69:

(Start: 146 @43103 has 617 MA's), (Start: 159 @43154 has 1 MA's), (163, 43169), (180, 43220), (196, 43295), (212, 43394),

Gene: Sudan_2 Start: 972, Stop: 1286, Start Num: 146

Candidate Starts for Sudan_2:

(138, 966), (Start: 146 @972 has 617 MA's), (163, 1041), (184, 1116), (192, 1149),

Gene: Sue2_68 Start: 41870, Stop: 42175, Start Num: 146

Candidate Starts for Sue2_68:

(124, 41837), (Start: 146 @41870 has 617 MA's), (163, 41936), (180, 41987), (212, 42161),

Gene: Sujidade_2 Start: 723, Stop: 1034, Start Num: 145

Candidate Starts for Sujidade_2:

(Start: 70 @588 has 2 MA's), (Start: 145 @723 has 54 MA's), (164, 795), (182, 852),

Gene: Sumter_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Sumter_1:

(Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Sunhee_4 Start: 2416, Stop: 2712, Start Num: 146

Candidate Starts for Sunhee_4:

(110, 2344), (Start: 146 @2416 has 617 MA's), (176, 2518), (180, 2527),

Gene: SunkenRoot_4 Start: 1022, Stop: 1267, Start Num: 163

Candidate Starts for SunkenRoot_4:

(100, 854), (138, 947), (Start: 146 @953 has 617 MA's), (163, 1022), (184, 1097), (192, 1130),

Gene: SunsetPointe_2 Start: 739, Stop: 1053, Start Num: 145

Candidate Starts for SunsetPointe_2:

(Start: 145 @739 has 54 MA's), (188, 895),

Gene: Sunshine924_1 Start: 595, Stop: 891, Start Num: 146

Candidate Starts for Sunshine924_1:

(Start: 112 @532 has 4 MA's), (Start: 126 @568 has 36 MA's), (131, 577), (Start: 146 @595 has 617 MA's), (182, 718), (200, 808), (208, 844),

Gene: SuperAwesome_4 Start: 2143, Stop: 2439, Start Num: 146
Candidate Starts for SuperAwesome_4:
(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: SuperCallie99_4 Start: 2144, Stop: 2440, Start Num: 146
Candidate Starts for SuperCallie99_4:
(Start: 146 @2144 has 617 MA's), (184, 2279),

Gene: SuperHands_73 Start: 47553, Stop: 47855, Start Num: 146
Candidate Starts for SuperHands_73:
(Start: 146 @47553 has 617 MA's), (180, 47670), (184, 47694),

Gene: Superchunk_4 Start: 2154, Stop: 2450, Start Num: 146
Candidate Starts for Superchunk_4:
(Start: 146 @2154 has 617 MA's), (197, 2349),

Gene: Survivors_69 Start: 45115, Stop: 45432, Start Num: 150
Candidate Starts for Survivors_69:
(Start: 150 @45115 has 11 MA's), (189, 45253), (199, 45322),

Gene: SweetiePie_5 Start: 2568, Stop: 2864, Start Num: 146
Candidate Starts for SweetiePie_5:
(Start: 146 @2568 has 617 MA's), (182, 2691),

Gene: SwirlSquare_4 Start: 2153, Stop: 2449, Start Num: 146
Candidate Starts for SwirlSquare_4:
(Start: 146 @2153 has 617 MA's),

Gene: SwissCheese_1 Start: 596, Stop: 892, Start Num: 146
Candidate Starts for SwissCheese_1:
(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (195, 773), (200, 809), (208, 845),

Gene: Switzer_2 Start: 747, Stop: 1043, Start Num: 146
Candidate Starts for Switzer_2:
(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: Switzerland_4 Start: 2425, Stop: 2721, Start Num: 146
Candidate Starts for Switzerland_4:
(Start: 146 @2425 has 617 MA's), (169, 2515),

Gene: Swole_2 Start: 834, Stop: 1130, Start Num: 146
Candidate Starts for Swole_2:
(Start: 119 @786 has 1 MA's), (Start: 146 @834 has 617 MA's), (182, 957), (200, 1047), (208, 1083),

Gene: TChen_101 Start: 57213, Stop: 57500, Start Num: 153
Candidate Starts for TChen_101:
(14, 56742), (45, 56943), (61, 56982), (81, 57048), (82, 57051), (Start: 126 @57162 has 36 MA's),
(Start: 153 @57213 has 161 MA's),

Gene: TNguyen7_1 Start: 418, Stop: 714, Start Num: 146
Candidate Starts for TNguyen7_1:
(Start: 146 @418 has 617 MA's), (184, 553),

Gene: TagePhighter_3 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for TagePhighter_3:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (188, 883),

Gene: Tailonex_1 Start: 347, Stop: 655, Start Num: 123

Candidate Starts for Tailonex_1:

(123, 347), (Start: 155 @392 has 3 MA's),

Gene: Tallboi_69 Start: 43220, Stop: 43522, Start Num: 146

Candidate Starts for Tallboi_69:

(Start: 146 @43220 has 617 MA's), (193, 43403), (212, 43511),

Gene: Target_2 Start: 851, Stop: 1147, Start Num: 146

Candidate Starts for Target_2:

(Start: 119 @803 has 1 MA's), (Start: 146 @851 has 617 MA's), (182, 974), (200, 1064), (208, 1100),

Gene: TarsusIV_5 Start: 2568, Stop: 2864, Start Num: 146

Candidate Starts for TarsusIV_5:

(Start: 146 @2568 has 617 MA's),

Gene: Tasp14_2 Start: 770, Stop: 1066, Start Num: 146

Candidate Starts for Tasp14_2:

(134, 755), (Start: 146 @770 has 617 MA's), (182, 893), (200, 983), (208, 1019),

Gene: Taurus_1 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Taurus_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Tbone_69 Start: 43742, Stop: 44044, Start Num: 146

Candidate Starts for Tbone_69:

(Start: 146 @43742 has 617 MA's), (Start: 159 @43793 has 1 MA's), (163, 43808), (180, 43859), (196, 43934), (212, 44033),

Gene: TeddyBoy_25 Start: 17076, Stop: 17375, Start Num: 153

Candidate Starts for TeddyBoy_25:

(110, 16974), (Start: 153 @17076 has 161 MA's), (185, 17205), (186, 17208), (194, 17271), (201, 17319), (203, 17328), (211, 17364),

Gene: Tefunt_2 Start: 643, Stop: 966, Start Num: 137

Candidate Starts for Tefunt_2:

(Start: 137 @643 has 1 MA's), (Start: 146 @652 has 617 MA's), (184, 796), (192, 829),

Gene: Temprado_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Temprado_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Teodoridan_1 Start: 600, Stop: 896, Start Num: 146

Candidate Starts for Teodoridan_1:

(Start: 112 @537 has 4 MA's), (Start: 126 @573 has 36 MA's), (131, 582), (Start: 146 @600 has 617 MA's), (182, 723), (200, 813), (208, 849),

Gene: Terrific_6 Start: 2620, Stop: 2916, Start Num: 146

Candidate Starts for Terrific_6:

(63, 2419), (Start: 146 @2620 has 617 MA's),

Gene: Tesla_88 Start: 48485, Stop: 48811, Start Num: 146

Candidate Starts for Tesla_88:

(128, 48458), (Start: 146 @48485 has 617 MA's), (Start: 157 @48527 has 1 MA's), (166, 48572), (183, 48632), (194, 48692), (204, 48752),

Gene: TforTroy_69 Start: 43283, Stop: 43591, Start Num: 146

Candidate Starts for TforTroy_69:

(51, 43070), (Start: 146 @43283 has 617 MA's), (193, 43466), (196, 43475), (212, 43574),

Gene: TheloniousMonk_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for TheloniousMonk_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: Thestral_2 Start: 639, Stop: 953, Start Num: 146

Candidate Starts for Thestral_2:

(Start: 146 @639 has 617 MA's), (184, 783),

Gene: Thor_2 Start: 757, Stop: 1053, Start Num: 146

Candidate Starts for Thor_2:

(Start: 146 @757 has 617 MA's), (182, 880), (200, 970), (208, 1006),

Gene: ThursdayNight_73 Start: 45478, Stop: 45777, Start Num: 146

Candidate Starts for ThursdayNight_73:

(Start: 146 @45478 has 617 MA's), (163, 45544), (196, 45670), (212, 45769),

Gene: Tian_67 Start: 43915, Stop: 44217, Start Num: 146

Candidate Starts for Tian_67:

(Start: 146 @43915 has 617 MA's), (163, 43981), (180, 44032), (193, 44098), (212, 44206),

Gene: Tiffany_1 Start: 527, Stop: 820, Start Num: 146

Candidate Starts for Tiffany_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Tiger_1 Start: 534, Stop: 833, Start Num: 130

Candidate Starts for Tiger_1:

(59, 372), (Start: 130 @534 has 41 MA's), (177, 642), (193, 714), (206, 783), (214, 828),

Gene: TimoTea_25 Start: 17054, Stop: 17353, Start Num: 153

Candidate Starts for TimoTea_25:

(110, 16952), (Start: 153 @17054 has 161 MA's), (185, 17183), (186, 17186), (194, 17249), (201, 17297), (203, 17306), (211, 17342),

Gene: Timothy_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for Timothy_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: Timshel_1 Start: 408, Stop: 704, Start Num: 146

Candidate Starts for Timshel_1:

(96, 297), (Start: 146 @408 has 617 MA's), (206, 654), (210, 672),

Gene: TinaBelcher_2 Start: 639, Stop: 953, Start Num: 146

Candidate Starts for TinaBelcher_2:

(Start: 146 @639 has 617 MA's), (184, 783),

Gene: TinyPebbles_1 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for TinyPebbles_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: TinyTimmy_4 Start: 2356, Stop: 2652, Start Num: 146

Candidate Starts for TinyTimmy_4:

(Start: 146 @2356 has 617 MA's), (Start: 155 @2389 has 3 MA's), (169, 2446), (214, 2647),

Gene: TinyTruffula_25 Start: 16677, Stop: 16976, Start Num: 153

Candidate Starts for TinyTruffula_25:

(110, 16575), (Start: 153 @16677 has 161 MA's), (185, 16806), (186, 16809), (194, 16872), (201, 16920), (203, 16929),

Gene: TipsytheTRex_4 Start: 2326, Stop: 2622, Start Num: 146

Candidate Starts for TipsytheTRex_4:

(Start: 146 @2326 has 617 MA's),

Gene: Toaka_4 Start: 2356, Stop: 2682, Start Num: 122

Candidate Starts for Toaka_4:

(Start: 122 @2356 has 3 MA's), (Start: 146 @2389 has 617 MA's), (177, 2491), (182, 2509),

Gene: Todacoro_1 Start: 445, Stop: 741, Start Num: 146

Candidate Starts for Todacoro_1:

(Start: 146 @445 has 617 MA's), (184, 580),

Gene: TomBrady12_26 Start: 16780, Stop: 17079, Start Num: 153

Candidate Starts for TomBrady12_26:

(110, 16678), (Start: 153 @16780 has 161 MA's), (185, 16909), (186, 16912), (194, 16975), (201, 17023), (203, 17032),

Gene: Toma_2 Start: 723, Stop: 1034, Start Num: 145

Candidate Starts for Toma_2:

(Start: 70 @588 has 2 MA's), (Start: 145 @723 has 54 MA's), (164, 795), (172, 825), (182, 852), (196, 915),

Gene: Tomathan_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for Tomathan_4:

(Start: 146 @2345 has 617 MA's),

Gene: Toniann_14 Start: 3268, Stop: 3576, Start Num: 151

Candidate Starts for Toniann_14:

(Start: 126 @3238 has 36 MA's), (Start: 151 @3268 has 25 MA's), (196, 3460), (208, 3532),

Gene: Topanga_1 Start: 517, Stop: 813, Start Num: 130

Candidate Starts for Topanga_1:

(Start: 130 @517 has 41 MA's),

Gene: Topgun_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Topgun_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Toro_1 Start: 396, Stop: 692, Start Num: 136

Candidate Starts for Toro_1:

(Start: 97 @300 has 2 MA's), (Start: 136 @396 has 1 MA's), (206, 642),

Gene: Tote_2 Start: 834, Stop: 1130, Start Num: 146

Candidate Starts for Tote_2:

(Start: 119 @786 has 1 MA's), (Start: 146 @834 has 617 MA's), (182, 957), (200, 1047), (208, 1083),

Gene: TouchMeNot_54 Start: 40155, Stop: 40460, Start Num: 150

Candidate Starts for TouchMeNot_54:

(Start: 150 @40155 has 11 MA's), (167, 40230), (174, 40251), (192, 40332),

Gene: Towmatter_9 Start: 2870, Stop: 3172, Start Num: 151

Candidate Starts for Towmatter_9:

(Start: 151 @2870 has 25 MA's), (162, 2927), (163, 2930), (164, 2933), (192, 3038),

Gene: Trackstar_25 Start: 16660, Stop: 16959, Start Num: 153

Candidate Starts for Trackstar_25:

(110, 16558), (Start: 153 @16660 has 161 MA's), (185, 16789), (186, 16792), (194, 16855), (201, 16903), (203, 16912),

Gene: Traft412_3 Start: 1245, Stop: 1541, Start Num: 146

Candidate Starts for Traft412_3:

(Start: 146 @1245 has 617 MA's), (182, 1368), (200, 1458), (208, 1494),

Gene: Travvers_4 Start: 2345, Stop: 2641, Start Num: 146

Candidate Starts for Travvers_4:

(Start: 146 @2345 has 617 MA's),

Gene: Treddle_2 Start: 750, Stop: 1046, Start Num: 146

Candidate Starts for Treddle_2:

(Start: 146 @750 has 617 MA's), (182, 873), (200, 963), (208, 999),

Gene: Tripl3t_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Tripl3t_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Trireme_25 Start: 16657, Stop: 16956, Start Num: 153

Candidate Starts for Trireme_25:

(110, 16555), (Start: 153 @16657 has 161 MA's), (185, 16786), (186, 16789), (194, 16852), (201, 16900), (203, 16909),

Gene: Tristan_4 Start: 2116, Stop: 2412, Start Num: 146

Candidate Starts for Tristan_4:

(Start: 146 @2116 has 617 MA's), (171, 2215), (197, 2311),

Gene: Triste_2 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for Triste_2:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (188, 883),

Gene: Triumph_3 Start: 679, Stop: 993, Start Num: 146
Candidate Starts for Triumph_3:
(Start: 146 @679 has 617 MA's), (184, 823),

Gene: Trixie_4 Start: 2424, Stop: 2720, Start Num: 146
Candidate Starts for Trixie_4:
(Start: 146 @2424 has 617 MA's),

Gene: Trooper_5 Start: 2370, Stop: 2666, Start Num: 146
Candidate Starts for Trooper_5:
(Start: 146 @2370 has 617 MA's),

Gene: Trouble_1 Start: 534, Stop: 893, Start Num: 112
Candidate Starts for Trouble_1:
(Start: 112 @534 has 4 MA's), (Start: 126 @570 has 36 MA's), (131, 579), (Start: 146 @597 has 617 MA's), (182, 720), (200, 810), (208, 846),

Gene: TrvxScott_2 Start: 639, Stop: 953, Start Num: 146
Candidate Starts for TrvxScott_2:
(Start: 146 @639 has 617 MA's), (184, 783),

Gene: TuanPN_2 Start: 730, Stop: 1041, Start Num: 145
Candidate Starts for TuanPN_2:
(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (172, 832), (182, 859), (196, 922),

Gene: Tubs_4 Start: 2335, Stop: 2628, Start Num: 141
Candidate Starts for Tubs_4:
(Start: 122 @2308 has 3 MA's), (Start: 141 @2335 has 35 MA's), (177, 2437), (182, 2455),

Gene: Tuck_69 Start: 43623, Stop: 43925, Start Num: 146
Candidate Starts for Tuck_69:
(Start: 146 @43623 has 617 MA's), (163, 43689), (180, 43740), (196, 43815), (212, 43914),

Gene: Tucker_4 Start: 2143, Stop: 2439, Start Num: 146
Candidate Starts for Tucker_4:
(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Turab_68 Start: 42750, Stop: 43052, Start Num: 146
Candidate Starts for Turab_68:
(Start: 146 @42750 has 617 MA's), (Start: 159 @42801 has 1 MA's), (163, 42816), (180, 42867), (196, 42942), (212, 43041),

Gene: Turbido_5 Start: 2551, Stop: 2847, Start Num: 146
Candidate Starts for Turbido_5:
(Start: 146 @2551 has 617 MA's), (182, 2674),

Gene: Turj99_1 Start: 598, Stop: 894, Start Num: 146
Candidate Starts for Turj99_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Tutumahutu_71 Start: 43324, Stop: 43626, Start Num: 146

Candidate Starts for Tutumahutu_71:

(Start: 146 @43324 has 617 MA's), (Start: 159 @43375 has 1 MA's), (163, 43390), (180, 43441), (196, 43516), (212, 43615),

Gene: Tweety19_69 Start: 40496, Stop: 40801, Start Num: 146

Candidate Starts for Tweety19_69:

(Start: 146 @40496 has 617 MA's), (160, 40556), (163, 40562), (180, 40613), (212, 40787),

Gene: Twigg_1 Start: 503, Stop: 802, Start Num: 130

Candidate Starts for Twigg_1:

(59, 371), (Start: 130 @503 has 41 MA's), (177, 611), (193, 683), (206, 752), (214, 797),

Gene: Twister_1 Start: 463, Stop: 759, Start Num: 130

Candidate Starts for Twister_1:

(Start: 130 @463 has 41 MA's),

Gene: TwoPeat_2 Start: 834, Stop: 1130, Start Num: 146

Candidate Starts for TwoPeat_2:

(Start: 119 @786 has 1 MA's), (Start: 146 @834 has 617 MA's), (182, 957), (200, 1047), (208, 1083),

Gene: Tyrellus_25 Start: 17072, Stop: 17371, Start Num: 153

Candidate Starts for Tyrellus_25:

(Start: 153 @17072 has 161 MA's), (185, 17201), (186, 17204), (194, 17267), (201, 17315), (203, 17324), (211, 17360),

Gene: U2_2 Start: 749, Stop: 1045, Start Num: 146

Candidate Starts for U2_2:

(Start: 146 @749 has 617 MA's), (182, 872), (200, 962), (208, 998),

Gene: UnionJack_87 Start: 500, Stop: 799, Start Num: 130

Candidate Starts for UnionJack_87:

(Start: 130 @500 has 41 MA's), (Start: 152 @515 has 1 MA's), (177, 608), (193, 680), (206, 749), (214, 794),

Gene: Unstoppable_2 Start: 740, Stop: 1054, Start Num: 145

Candidate Starts for Unstoppable_2:

(72, 629), (96, 656), (Start: 145 @740 has 54 MA's), (188, 896),

Gene: Updawg_5 Start: 2624, Stop: 2920, Start Num: 146

Candidate Starts for Updawg_5:

(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Upsilon_25 Start: 17137, Stop: 17436, Start Num: 153

Candidate Starts for Upsilon_25:

(110, 17035), (Start: 153 @17137 has 161 MA's), (185, 17266), (186, 17269), (194, 17332), (201, 17380), (203, 17389), (211, 17425),

Gene: Urza_2 Start: 744, Stop: 1058, Start Num: 146

Candidate Starts for Urza_2:

(Start: 146 @744 has 617 MA's), (184, 888),

Gene: UtzChips_77 Start: 46396, Stop: 46695, Start Num: 146

Candidate Starts for UtzChips_77:

(118, 46351), (Start: 146 @46396 has 617 MA's), (175, 46504), (180, 46513),

Gene: VA6_4 Start: 2464, Stop: 2760, Start Num: 146

Candidate Starts for VA6_4:

(Start: 146 @2464 has 617 MA's), (182, 2587),

Gene: VC3_4 Start: 2344, Stop: 2640, Start Num: 146

Candidate Starts for VC3_4:

(Start: 146 @2344 has 617 MA's),

Gene: VResidence_72 Start: 41784, Stop: 42086, Start Num: 146

Candidate Starts for VResidence_72:

(57, 41574), (Start: 146 @41784 has 617 MA's), (163, 41850), (180, 41901), (212, 42075),

Gene: VWB_70 Start: 47259, Stop: 47567, Start Num: 145

Candidate Starts for VWB_70:

(18, 46878), (Start: 145 @47259 has 54 MA's), (199, 47478),

Gene: Vanisius_25 Start: 17080, Stop: 17379, Start Num: 153

Candidate Starts for Vanisius_25:

(110, 16978), (Start: 153 @17080 has 161 MA's), (185, 17209), (186, 17212), (194, 17275), (201, 17323), (203, 17332), (211, 17368),

Gene: Vanisoa_4 Start: 2102, Stop: 2395, Start Num: 141

Candidate Starts for Vanisoa_4:

(Start: 141 @2102 has 35 MA's), (163, 2168), (177, 2204), (182, 2222),

Gene: VasuNzinga_90 Start: 48574, Stop: 48900, Start Num: 146

Candidate Starts for VasuNzinga_90:

(128, 48547), (Start: 146 @48574 has 617 MA's), (Start: 157 @48616 has 1 MA's), (166, 48661), (183, 48721), (194, 48781), (204, 48841),

Gene: Verabelle_3 Start: 950, Stop: 1264, Start Num: 146

Candidate Starts for Verabelle_3:

(138, 944), (Start: 146 @950 has 617 MA's), (163, 1019), (184, 1094),

Gene: Verse_2 Start: 955, Stop: 1269, Start Num: 146

Candidate Starts for Verse_2:

(53, 751), (54, 754), (100, 856), (138, 949), (Start: 146 @955 has 617 MA's), (163, 1024), (184, 1099), (192, 1132),

Gene: VieEnRose_2 Start: 744, Stop: 1058, Start Num: 146

Candidate Starts for VieEnRose_2:

(Start: 146 @744 has 617 MA's), (184, 888),

Gene: Violet_2 Start: 748, Stop: 1044, Start Num: 146

Candidate Starts for Violet_2:

(Start: 146 @748 has 617 MA's), (182, 871), (200, 961), (208, 997),

Gene: VitulaEligans_25 Start: 17161, Stop: 17460, Start Num: 153

Candidate Starts for VitulaEligans_25:

(110, 17059), (Start: 153 @17161 has 161 MA's), (185, 17290), (186, 17293), (194, 17356), (201, 17404), (203, 17413), (211, 17449),

Gene: Vix_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Vix_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: VohminGhazi_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for VohminGhazi_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: VroomVroom_67 Start: 42799, Stop: 43164, Start Num: 140

Candidate Starts for VroomVroom_67:

(80, 42664), (Start: 83 @42673 has 6 MA's), (Start: 140 @42799 has 4 MA's), (160, 42868), (163, 42874), (209, 43069), (212, 43099), (216, 43111),

Gene: Waits_4 Start: 2278, Stop: 2574, Start Num: 146

Candidate Starts for Waits_4:

(Start: 146 @2278 has 617 MA's), (169, 2368),

Gene: WalterMcMickey_1 Start: 463, Stop: 759, Start Num: 130

Candidate Starts for WalterMcMickey_1:

(Start: 130 @463 has 41 MA's),

Gene: Warda_70 Start: 43423, Stop: 43725, Start Num: 146

Candidate Starts for Warda_70:

(Start: 146 @43423 has 617 MA's), (Start: 159 @43474 has 1 MA's), (163, 43489), (180, 43540), (196, 43615), (212, 43714),

Gene: Warrior24_4 Start: 2282, Stop: 2578, Start Num: 146

Candidate Starts for Warrior24_4:

(103, 2186), (Start: 146 @2282 has 617 MA's), (169, 2372),

Gene: Watermelon_2 Start: 736, Stop: 1044, Start Num: 146

Candidate Starts for Watermelon_2:

(Start: 146 @736 has 617 MA's), (182, 859), (200, 949), (208, 985),

Gene: Watson_1 Start: 526, Stop: 819, Start Num: 146

Candidate Starts for Watson_1:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: WeiHuaDA_5 Start: 2558, Stop: 2854, Start Num: 146

Candidate Starts for WeiHuaDA_5:

(Start: 146 @2558 has 617 MA's), (182, 2681),

Gene: Werner_2 Start: 730, Stop: 1041, Start Num: 145

Candidate Starts for Werner_2:

(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802), (188, 883),

Gene: Whabigail7_5 Start: 2548, Stop: 2844, Start Num: 146

Candidate Starts for Whabigail7_5:
(Start: 146 @2548 has 617 MA's), (182, 2671),

Gene: Whatever_2 Start: 589, Stop: 1041, Start Num: 70
Candidate Starts for Whatever_2:
(Start: 70 @589 has 2 MA's), (Start: 83 @628 has 6 MA's), (Start: 145 @730 has 54 MA's), (164, 802),
(188, 883),

Gene: Wheeler_2 Start: 833, Stop: 1129, Start Num: 146
Candidate Starts for Wheeler_2:
(Start: 119 @785 has 1 MA's), (Start: 146 @833 has 617 MA's), (182, 956), (200, 1046), (208, 1082),

Gene: Whitspit_2 Start: 747, Stop: 1043, Start Num: 146
Candidate Starts for Whitspit_2:
(Start: 146 @747 has 617 MA's), (182, 870), (200, 960), (208, 996),

Gene: Whitty_58 Start: 40896, Stop: 41195, Start Num: 83
Candidate Starts for Whitty_58:
(Start: 83 @40896 has 6 MA's), (189, 41019),

Gene: WideWale_5 Start: 2624, Stop: 2920, Start Num: 146
Candidate Starts for WideWale_5:
(63, 2423), (Start: 146 @2624 has 617 MA's),

Gene: Wiks_4 Start: 2143, Stop: 2439, Start Num: 146
Candidate Starts for Wiks_4:
(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Wildwest_65 Start: 43282, Stop: 43584, Start Num: 146
Candidate Starts for Wildwest_65:
(Start: 146 @43282 has 617 MA's), (160, 43342), (180, 43399), (196, 43474), (212, 43573),

Gene: Wilkins_1 Start: 598, Stop: 894, Start Num: 146
Candidate Starts for Wilkins_1:
(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: WilliamBoone_12 Start: 2893, Stop: 3201, Start Num: 151
Candidate Starts for WilliamBoone_12:
(Start: 126 @2863 has 36 MA's), (Start: 151 @2893 has 25 MA's), (208, 3157),

Gene: Witch_25 Start: 16990, Stop: 17289, Start Num: 153
Candidate Starts for Witch_25:
(Start: 153 @16990 has 161 MA's), (185, 17119), (186, 17122), (194, 17185), (201, 17233), (203, 17242), (211, 17278),

Gene: Wolfpack_25 Start: 17082, Stop: 17381, Start Num: 153
Candidate Starts for Wolfpack_25:
(110, 16980), (Start: 153 @17082 has 161 MA's), (185, 17211), (186, 17214), (194, 17277), (201, 17325), (203, 17334), (211, 17370),

Gene: Wolfwood_67 Start: 44987, Stop: 45304, Start Num: 150
Candidate Starts for Wolfwood_67:

(Start: 150 @44987 has 11 MA's), (189, 45125), (199, 45194),

Gene: Wooldri_3 Start: 517, Stop: 819, Start Num: 126

Candidate Starts for Wooldri_3:

(Start: 126 @517 has 36 MA's), (Start: 146 @526 has 617 MA's), (163, 592),

Gene: Wrigley_81 Start: 51527, Stop: 51817, Start Num: 153

Candidate Starts for Wrigley_81:

(123, 51470), (Start: 126 @51476 has 36 MA's), (Start: 153 @51527 has 161 MA's),

Gene: WunderPhul_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for WunderPhul_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: XianYue_4 Start: 2391, Stop: 2687, Start Num: 146

Candidate Starts for XianYue_4:

(Start: 146 @2391 has 617 MA's), (181, 2508),

Gene: Yami_25 Start: 16551, Stop: 16850, Start Num: 153

Candidate Starts for Yami_25:

(110, 16449), (Start: 153 @16551 has 161 MA's), (185, 16680), (186, 16683), (194, 16746), (201, 16794), (203, 16803),

Gene: Yang_68 Start: 42836, Stop: 43144, Start Num: 146

Candidate Starts for Yang_68:

(Start: 146 @42836 has 617 MA's), (163, 42902), (196, 43028), (212, 43127),

Gene: Yasdnil_2 Start: 729, Stop: 1040, Start Num: 145

Candidate Starts for Yasdnil_2:

(Start: 83 @627 has 6 MA's), (Start: 145 @729 has 54 MA's), (164, 801), (172, 831), (182, 858), (196, 921),

Gene: Yasuo_25 Start: 17060, Stop: 17359, Start Num: 153

Candidate Starts for Yasuo_25:

(110, 16958), (Start: 153 @17060 has 161 MA's), (185, 17189), (186, 17192), (194, 17255), (201, 17303), (203, 17312), (211, 17348),

Gene: Yecey3_4 Start: 2101, Stop: 2394, Start Num: 146

Candidate Starts for Yecey3_4:

(Start: 146 @2101 has 617 MA's),

Gene: YertPhresh_25 Start: 16989, Stop: 17288, Start Num: 153

Candidate Starts for YertPhresh_25:

(Start: 153 @16989 has 161 MA's), (185, 17118), (186, 17121), (194, 17184), (201, 17232), (203, 17241), (211, 17277),

Gene: YesChef_69 Start: 43140, Stop: 43442, Start Num: 146

Candidate Starts for YesChef_69:

(Start: 146 @43140 has 617 MA's), (Start: 159 @43191 has 1 MA's), (163, 43206), (180, 43257), (196, 43332), (212, 43431),

Gene: Yokurt_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Yokurt_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: Yosif_3 Start: 954, Stop: 1265, Start Num: 146

Candidate Starts for Yosif_3:

(71, 816), (110, 888), (117, 906), (Start: 146 @954 has 617 MA's), (192, 1128),

Gene: Yubaba_25 Start: 17023, Stop: 17322, Start Num: 153

Candidate Starts for Yubaba_25:

(Start: 153 @17023 has 161 MA's), (185, 17152), (186, 17155), (194, 17218), (201, 17266), (203, 17275), (211, 17311),

Gene: Yvonnetastic_14 Start: 3602, Stop: 3910, Start Num: 151

Candidate Starts for Yvonnetastic_14:

(Start: 151 @3602 has 25 MA's), (192, 3776), (196, 3794), (199, 3815), (212, 3902),

Gene: Zahlia_25 Start: 17108, Stop: 17407, Start Num: 153

Candidate Starts for Zahlia_25:

(110, 17006), (Start: 153 @17108 has 161 MA's), (185, 17237), (186, 17240), (194, 17303), (201, 17351), (203, 17360), (211, 17396),

Gene: Zainub_3 Start: 1037, Stop: 1351, Start Num: 146

Candidate Starts for Zainub_3:

(Start: 83 @911 has 6 MA's), (Start: 106 @965 has 1 MA's), (Start: 137 @1031 has 1 MA's), (Start: 146 @1037 has 617 MA's), (163, 1106), (184, 1181),

Gene: Zaka_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Zaka_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: ZamZam_2 Start: 936, Stop: 1250, Start Num: 146

Candidate Starts for ZamZam_2:

(138, 927), (Start: 141 @930 has 35 MA's), (Start: 146 @936 has 617 MA's), (184, 1080),

Gene: Zareef_67 Start: 44991, Stop: 45311, Start Num: 150

Candidate Starts for Zareef_67:

(Start: 150 @44991 has 11 MA's), (189, 45132), (199, 45201),

Gene: Zeeculate_1 Start: 596, Stop: 892, Start Num: 146

Candidate Starts for Zeeculate_1:

(Start: 112 @533 has 4 MA's), (Start: 126 @569 has 36 MA's), (131, 578), (Start: 146 @596 has 617 MA's), (182, 719), (200, 809), (208, 845),

Gene: Zemlya_2 Start: 703, Stop: 1014, Start Num: 145

Candidate Starts for Zemlya_2:

(1, 34), (2, 40), (3, 43), (4, 70), (6, 142), (34, 406), (44, 463), (49, 487), (52, 496), (111, 652), (Start: 126 @682 has 36 MA's), (Start: 145 @703 has 54 MA's), (170, 799), (172, 805), (182, 832),

Gene: ZenTime222_65 Start: 41847, Stop: 42146, Start Num: 83

Candidate Starts for ZenTime222_65:

(Start: 83 @41847 has 6 MA's), (189, 41970),

Gene: Zephyr_1 Start: 598, Stop: 894, Start Num: 146

Candidate Starts for Zephyr_1:

(Start: 112 @535 has 4 MA's), (Start: 126 @571 has 36 MA's), (131, 580), (Start: 146 @598 has 617 MA's), (182, 721), (200, 811), (208, 847),

Gene: Zeta1847_76 Start: 47529, Stop: 47834, Start Num: 146

Candidate Starts for Zeta1847_76:

(75, 47376), (76, 47379), (79, 47382), (Start: 146 @47529 has 617 MA's), (215, 47829),

Gene: Zetzy_1 Start: 518, Stop: 820, Start Num: 126

Candidate Starts for Zetzy_1:

(Start: 126 @518 has 36 MA's), (Start: 146 @527 has 617 MA's), (163, 593),

Gene: Zeuska_1 Start: 599, Stop: 895, Start Num: 146

Candidate Starts for Zeuska_1:

(Start: 112 @536 has 4 MA's), (Start: 126 @572 has 36 MA's), (131, 581), (Start: 141 @596 has 35 MA's), (Start: 146 @599 has 617 MA's), (182, 722), (200, 812), (208, 848),

Gene: Zimmer_4 Start: 2256, Stop: 2552, Start Num: 142

Candidate Starts for Zimmer_4:

(43, 1998), (57, 2043), (73, 2094), (Start: 142 @2256 has 3 MA's),

Gene: Zulu_4 Start: 2143, Stop: 2439, Start Num: 146

Candidate Starts for Zulu_4:

(Start: 146 @2143 has 617 MA's), (184, 2278),

Gene: phiHau3_1 Start: 591, Stop: 905, Start Num: 146

Candidate Starts for phiHau3_1:

(Start: 146 @591 has 617 MA's), (179, 708), (184, 735), (202, 837), (213, 900),