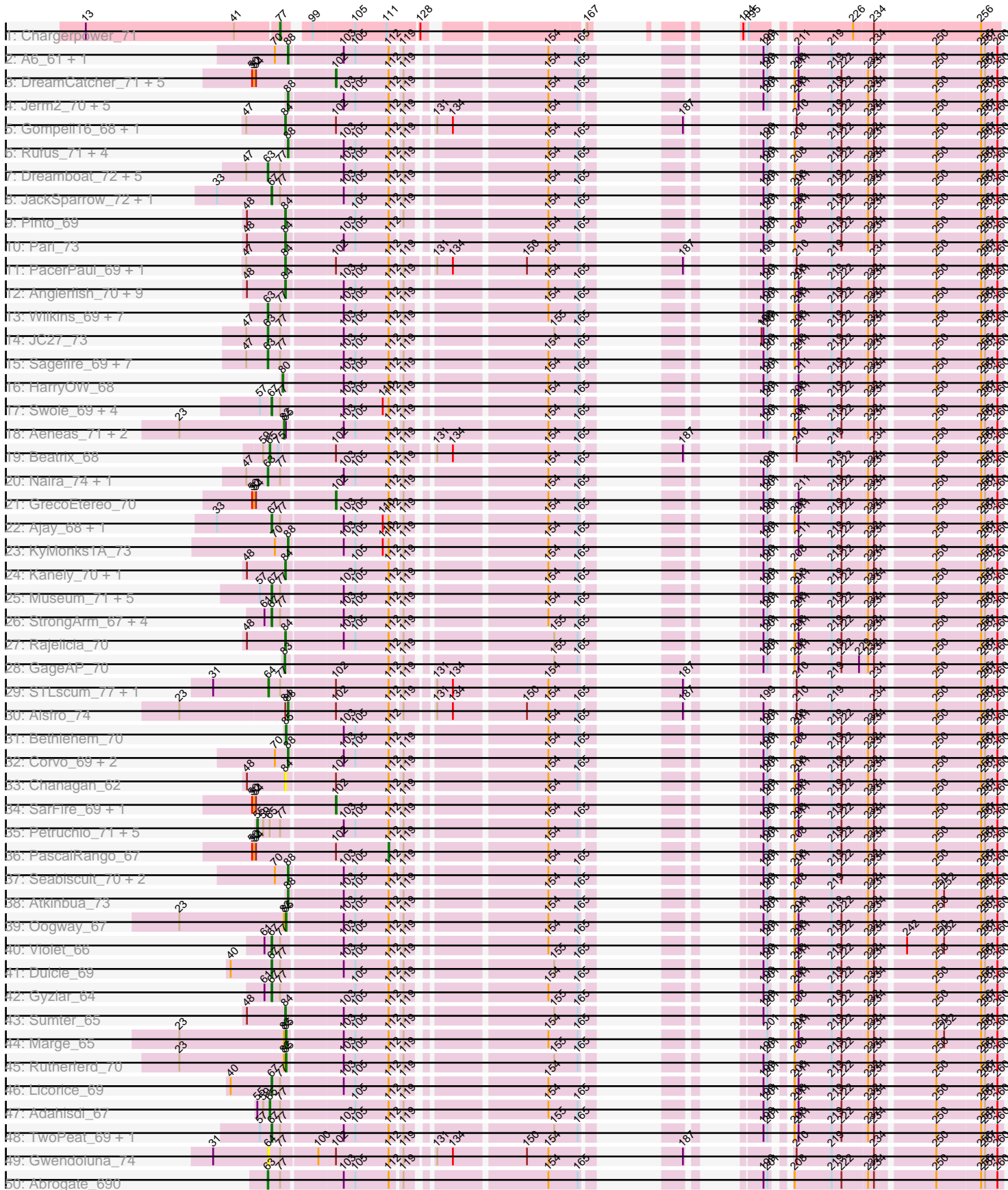
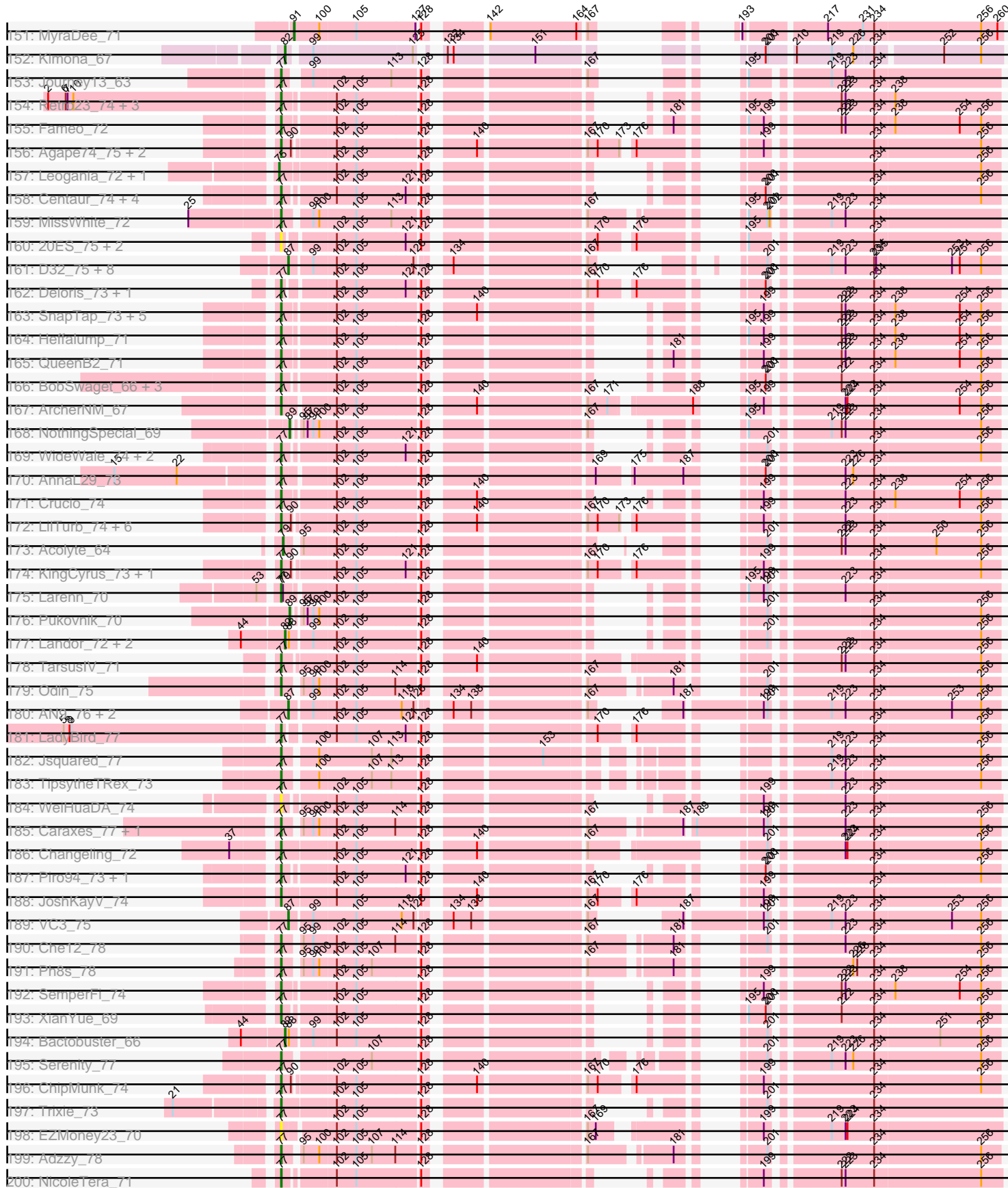


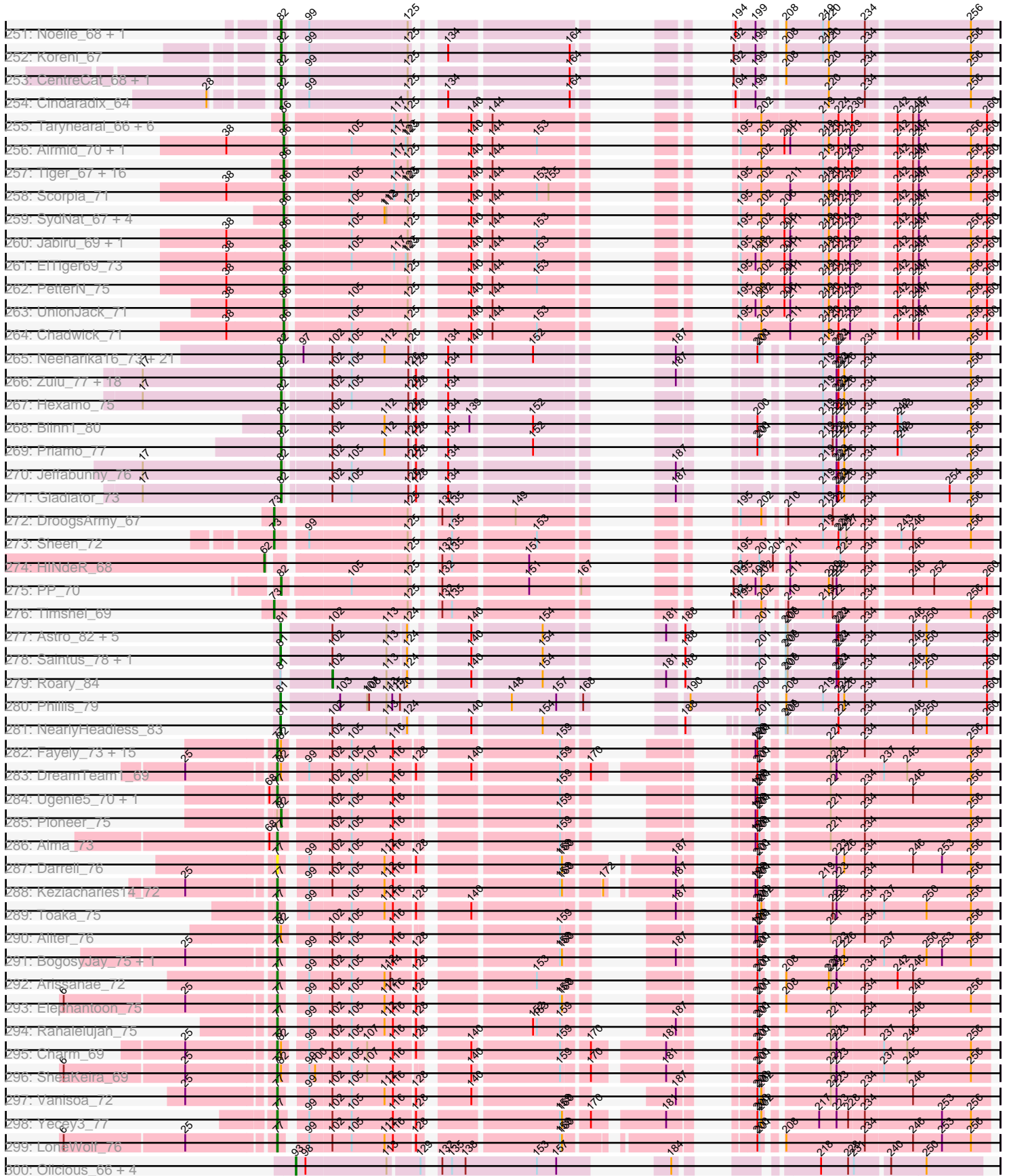
Pham 162902



Pham 162902



Pham 162902



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 162902 Report

This analysis was run 04/28/24 on database version 559.

Pham number 162902 has 856 members, 60 are drafts.

Phages represented in each track:

- Track 1 : Chargerpower_71
- Track 2 : A6_61, BK1_61
- Track 3 : DreamCatcher_71, Ichabod_73, Lopton_69, IgnatiusPatJac_69, Lesedi_64, McGuire_70
- Track 4 : Jerm2_70, Bob3_70, MPlant7149_69, BigMau_71, Rohr_70, HermioneGrange_71
- Track 5 : Gompeii16_68, Bircsak_68
- Track 6 : Rufus_71, BPBiels31_72, Moose_70, Forsytheast_70, Rubeus_68
- Track 7 : Dreamboat_72, PherrisBueller_71, Jasper_71, Abbyshoes_71, Kenmech_73, Dussy_70
- Track 8 : JackSparrow_72, Niza_70
- Track 9 : Pinto_69
- Track 10 : Pari_73
- Track 11 : PacerPaul_69, Francis47_68
- Track 12 : Anglerfish_70, Fascinus_65, Bigfoot_63, StewieG_63, Maroc7_69, Jorgensen_74, CactusRose_71, Pelly_69, Burton_70, Arcanine_72
- Track 13 : Wilkins_69, Ringer_72, Applejack_70, Espresso_64, Sunshine924_73, Topgun_68, Graduation_75, Gandalf20_70
- Track 14 : JC27_73
- Track 15 : Sagefire_69, KSSJEB_69, Peterson_71, Marcell_65, Blue_69, lLeeKay_70, Kugel_74, Solon_68
- Track 16 : HarryOW_68
- Track 17 : Swole_69, JuliaChild_71, Tote_66, Slagathor_72, PSullivan_67
- Track 18 : Aeneas_71, Mule_65, PhrostyMug_68
- Track 19 : Beatrix_68
- Track 20 : Naira_74, Fenn_75
- Track 21 : GrecoEtereo_70
- Track 22 : Ajay_68, Teodoridan_68
- Track 23 : KyMonks1A_73
- Track 24 : Kanely_70, Altman_71
- Track 25 : Museum_71, SpikeBT_68, Paraselene_69, Sibs6_71, NEHalo_67, PattyP_71
- Track 26 : StrongArm_67, Ashballer_73, Bexan_66, LilBib_68, BillKnuckles_65
- Track 27 : Rajelicia_70
- Track 28 : GageAP_70
- Track 29 : STLscum_77, Pepe_66
- Track 30 : Alsfro_74

- Track 31 : Bethlehem_70
- Track 32 : Corvo_69, MetalQZJ_65, MaryBeth_66
- Track 33 : Chanagan_62
- Track 34 : SarFire_69, Thor_69
- Track 35 : Petruccio_71, Fushigi_65, Hami1_60, Trouble_70, Turj99_67, Magnito_70
- Track 36 : PascalRango_67
- Track 37 : Seabiscuit_70, Ohno789_70, Manatee_68
- Track 38 : Atkinbua_73
- Track 39 : Oogway_67
- Track 40 : Violet_66
- Track 41 : Dulcie_69
- Track 42 : Gyzlar_64
- Track 43 : Sumter_65
- Track 44 : Marge_65
- Track 45 : Rutherford_70
- Track 46 : Licorice_69
- Track 47 : Adahisdi_67
- Track 48 : TwoPeat_69, Molly_71
- Track 49 : Gwendoluna_74
- Track 50 : Abrogate_690
- Track 51 : Lockley_68, DD5_69
- Track 52 : Petp2012_72
- Track 53 : Fajezeel_71, Acme_72, Greg_71
- Track 54 : Tripl3t_72
- Track 55 : PinkPlastic_68
- Track 56 : Marsha_68, Sandaddy_66, Sorpresa_65
- Track 57 : Agaliana_64
- Track 58 : Perseus_66, Smairt_70
- Track 59 : Mryolo_67, HanShotFirst_70
- Track 60 : Crispicous1_67, Michley_73, Dynamix_72, Magnar_68
- Track 61 : Briton15_73
- Track 62 : QTRlifeCrisis_72
- Track 63 : Ruotula_75
- Track 64 : Big3_70
- Track 65 : Eyeball_70
- Track 66 : Conceptll_73, Pippin_69, Scowl_69, Rhynn_65
- Track 67 : Alvin_69
- Track 68 : Cueylyss_67
- Track 69 : Nhonho_68
- Track 70 : BeesKnees_73, Doom_65
- Track 71 : TheloniousMonk_73, Target_71
- Track 72 : Payneful_66, Marchy_61
- Track 73 : Bones_67
- Track 74 : MrGordo_72
- Track 75 : Bxb1_62
- Track 76 : SwissCheese_72
- Track 77 : BigPaolini_66
- Track 78 : Edtherson_67, Monet_71
- Track 79 : AFIS_65
- Track 80 : Lamina13_72, Carlyle_69, Parliament_69
- Track 81 : Switzer_69
- Track 82 : BluSpix_67

- Track 83 : Pita2_71
- Track 84 : Froghopper_66
- Track 85 : Papez_73
- Track 86 : Barriga_71
- Track 87 : Makemake_74
- Track 88 : Smeagol_70
- Track 89 : RidgeCB_69
- Track 90 : Nerujay_75
- Track 91 : Bruns_71
- Track 92 : ShortQueendom_61
- Track 93 : Buttons_65
- Track 94 : Seanderson_71
- Track 95 : Kykar_71
- Track 96 : Hermia_66
- Track 97 : Zephyr_70
- Track 98 : Arlo_67
- Track 99 : Hope4ever_72
- Track 100 : Killigrew_68
- Track 101 : SkiPole_76
- Track 102 : U2_64
- Track 103 : Homines_60
- Track 104 : DrFeelGood_67
- Track 105 : Treddle_69
- Track 106 : Zeuska_74
- Track 107 : Wheeler_73
- Track 108 : Ciao_68
- Track 109 : Euphoria_68
- Track 110 : Tasp14_71
- Track 111 : Paphu_67, Norz_68
- Track 112 : Snazzy_67
- Track 113 : Watermelon_70
- Track 114 : KBG_69
- Track 115 : Squee_72
- Track 116 : BaconJack_74
- Track 117 : Twister_67, Edison31_63, WalterMcMickey_67, Topanga_65
- Track 118 : Eaglepride_70
- Track 119 : Severus_66, Poompha_65, KittenMittens_65, Drake94_66, PeaceMeal1_66
- Track 120 : RhynO_67
- Track 121 : Kristoff_67, Rebeuca_69
- Track 122 : OKCentral2016_66
- Track 123 : Trike_65
- Track 124 : Chupacabra_66
- Track 125 : Goose_69
- Track 126 : Bowtie_77, Joselito_75, Flaverint_77, Mabel_76, MaCh_76, Gilberta_73, Timothy_76, Lucivia_77, Bud_71, Aneem_77, Munch_76, Orange_75
- Track 127 : Et2Brutus_75, Snape_76, Mulciber_74, Salz_71, TinyTimmy_73
- Track 128 : Bachome_74, Fibonacci_75, Insomnia_74, Hutc2_71, Jabith_75, Sham4_72, Ebony_76, Petersenfast_70
- Track 129 : DARTHPhader_71
- Track 130 : Refuge_71
- Track 131 : Zimmer_72
- Track 132 : Steamy_68

- Track 133 : Pharaoh_69
- Track 134 : Phlei_60
- Track 135 : Luchador_76
- Track 136 : Jeeves_77
- Track 137 : SororFago_75
- Track 138 : Gail_75
- Track 139 : Oofda_81
- Track 140 : Epsocamisio_79, Switzerland_81, JSwag_82, Nebulosus_79, ShayRa_82
- Track 141 : Nedarya_77
- Track 142 : Anon_78
- Track 143 : DekHockey33_83, Anaysia_82, Battleship_84, Rosalind_80, Boohoo_82, ReMo_80
- Track 144 : Remus_82, Strosahl_82
- Track 145 : KatherineG_82, MinecraftSteve_82, Looper_81
- Track 146 : Waits_81
- Track 147 : LastResort_80
- Track 148 : Soups_81
- Track 149 : PainterBoy_77, EagleEye_79, Lucyedi_78
- Track 150 : 40AC_72
- Track 151 : MyraDee_71
- Track 152 : Kimona_67
- Track 153 : Journey13_63
- Track 154 : Retro23_74, Dalmatian_74, Anselm_75, DudeLittle_72
- Track 155 : Fameo_72
- Track 156 : Agape74_75, Turbido_74, AbbyPaige_75
- Track 157 : Leogania_72, BiancaTri92_72
- Track 158 : Centaur_74, NaSiaTalie_74, Baehexic_72, Drake55_75, Flare16_74
- Track 159 : MissWhite_72
- Track 160 : 20ES_75, First_0074, CRB1_75
- Track 161 : D32_75, Pomar16_76, Naji_76, D29_69, Duplo_76, StarStuff_76, Tomathan_76, Kerberos_76, DBQu4n_76
- Track 162 : Deloris_73, BengiVuitton_73
- Track 163 : SnapTap_73, QueenBeesly_74, Georgie2_75, FiringLine_74, Power_73, SweetiePie_73
- Track 164 : Heffalump_71
- Track 165 : QueenB2_71
- Track 166 : BobSwaget_66, Rachaly_69, Miko_67, Lokk_67
- Track 167 : ArcherNM_67
- Track 168 : NothingSpecial_69
- Track 169 : WideWale_74, Updawg_74, Equemioh13_73
- Track 170 : AnnaL29_73
- Track 171 : Crucio_74
- Track 172 : LilTurb_74, Buggy_75, Dignity_75, Jerm_75, Leviathan_75, Smeagan_76, Whabigail7_74
- Track 173 : Acolyte_64
- Track 174 : KingCyrus_73, EvilGenius_73
- Track 175 : Larenn_70
- Track 176 : Pukovnik_70
- Track 177 : Landor_72, IronMan_71, Phaded_69
- Track 178 : TarsusIV_71
- Track 179 : Odin_75
- Track 180 : AN9_76, ANI8_76, C3_69

- Track 181 : LadyBird_77
- Track 182 : Jsquared_77
- Track 183 : TipsytheTRex_73
- Track 184 : WeiHuaDA_74
- Track 185 : Caraxes_77, Superchunk_76
- Track 186 : Changeling_72
- Track 187 : Piro94_73, HarryHoudini_74
- Track 188 : JoshKayV_74
- Track 189 : VC3_75
- Track 190 : Che12_78
- Track 191 : Ph8s_78
- Track 192 : SemperFi_74
- Track 193 : XianYue_69
- Track 194 : Bactobuster_66
- Track 195 : Serenity_77
- Track 196 : ChipMunk_74
- Track 197 : Trixie_73
- Track 198 : EZMoney23_70
- Track 199 : Adzzy_78
- Track 200 : NicoleTera_71
- Track 201 : Echild_74, Benvolio_71
- Track 202 : GaugeLDP_69
- Track 203 : Kalpine_73
- Track 204 : AN3_75, VA6_73
- Track 205 : Malec_71
- Track 206 : RedRock_72
- Track 207 : L5_69, Koduck_75
- Track 208 : BabyBack_68
- Track 209 : SwirlSquare_80
- Track 210 : Loser_75
- Track 211 : Herbertwm_70
- Track 212 : Iwokeuplikedis_75
- Track 213 : Jaan_72
- Track 214 : Colin_73
- Track 215 : Trooper_73
- Track 216 : MiculUcigas_74
- Track 217 : Anthony_71
- Track 218 : Popcicle_71, QuinnKiro_70, Margo_71, Veracruz_68, Norbert_67, Hookmount_71, Caviar_71, Panamaxus_69, Lambert1_71, Noella_71, Todacoro_71, ResDef_69, Pocahontas_70, Texage_69
- Track 219 : JHC117_73, HashRod_78, Daishi_76, Penny1_77, MarQuardt_77, Aglet_78, Colbster_73, GingkoMaracino_77, MadMarie_75, Mainiac_76, AugsMagnumOpus_80, Pembroke_77, Soshari_79, GtownJaz_77, Cullens_77, Grum1_76, Malinsilva_79, Phoxy_77, Tiffany_76, LBerry_78, Spike509_77, StepMih_76, JenCasNa_78, Methuselah_70, Grub_75, Beauxregard13_76, Hercules11_77, Sabinator_75, Sabia_75, LugYA_80, Grif_75, Bxz2_72, PGHhamlin_79, PotatoSplit_78, Anubis_80, P28Green_77, SoYo_74, EpicPhail_78, BreSam8_77, Marie_75, AgronaGT15_74, Ollie_77, Microwolf_73, Taurus_78, Vix_73, MoneyMay_76, MuchMore_80, Watson_76, Farber_77, DaHudson_76, Phoebe_78
- Track 220 : PhishRPhriends_73, Gemma_74, Phranny_73, Manu_76, Reba_72, HaveUMetTed_77, OlanP_75
- Track 221 : Zetzy_74

- Track 222 : Dieselweasel_77
- Track 223 : Rockstar_70, Isca_69, B1_63, MA5_71, JF4_69, JF2_69
- Track 224 : Kalb97_77, Groupthink_77, PurpleHaze_76, Heliosoles_74
- Track 225 : Kalnoky_77, Pawn_75, Marius_77
- Track 226 : Heathen_71, Fred313_69, Scout_70, HelDan_71
- Track 227 : TNguyen7_72, Bugatti_71, Giroux_70, BlueBird_74, SaturnRing_71, Pistachio_71, Idleandcovert_72, Puppy_72
- Track 228 : JeppNRM_77, ACFishhook_74
- Track 229 : Stagni_74, Rummer_76, Fernando_77, Lilith_75, Snickers_73
- Track 230 : Wooldri_79
- Track 231 : Jobu08_73, SoilDragon_76
- Track 232 : Louie6_76, BuzzBuzz_71, Misomonster_78, KADY_74
- Track 233 : MK4_71
- Track 234 : BabyRay_72
- Track 235 : Phantastic_73
- Track 236 : LarryKay_77
- Track 237 : LochMonster_69, NorthStar_66, Eapen_68, Kye_68, KFPoly_67, Scamp_68, Wilbur_68, Arturo_65, Romney_67, Caelakin_67, MeeZee_67, Funston_67, Phacado_68, Mazhar510_68, JoongJeon_67, Burger_66, PeterPeter_68, Millski_67, Lorenzo_68, Albee_68, Wander_68, Flux_68, Maverick_67, Eris_67, Clarenza_67, Shaka_66, Jaykayelowell_65, Taquarus_67, Cocoaberry_68, Gadost_68, Alberto7_69, Annyong_67, Bruiser_67, Thanksgivukkah_67, Lemur_68, Houdini22_67, Iceman_67, Pumbaa_68, Spino_67, Ruin_68, Nemo27_67, Avle17_68, NotAPhaseMom_67
- Track 238 : BellusTerra_69, ICleared_67, LittleGuy_68, Kratark_67, Lunsford_68, Phontbonne_68, OKaNui_67, TroyPia_69, Eurydice_69, Eagle_67, Ohfah_69, Felipe_69, Polymorphads_68, Nebs_69, Morrow_69, Nyxis_67
- Track 239 : Kingmustik0402_68, Sparxx_69, Peaches_66, Deano_65, Connomayer_68, Chaph_68, Phighter1804_68, Eros_68, Ulysses_67, Holli_67, Druantia_67, Kamy_67, Roosevelt_66, Citius_68, Commander_66, Bartimeaus_68, YoSam321_68, Sabertooth_68, Maxo_69, Blackmoor_67, Medusa_68, Florean_68, HamSlice_64, Broseidon_68, TygerBlood_68, Baby16_68, LappelDuVide_64, TiroTheta9_67, DirtyDunning_67, Iracema64_68, Tinybot_67, BubbleTrouble_67, TinaFeyge_66, Abdiel_68, Dhanush_68, Bombshell_68, Pipcraft_65
- Track 240 : Kremtemulon_64, Obama12_69, Cintron_68, LHTSCC_70
- Track 241 : Bumblebee11_66, AbbysRanger_67, Backyardigan_65, Shygu2_67, Perplexer_67, Achebe_66, Badger_66
- Track 242 : Palestino_67, LittleB_68, Skipitt_67, Melvin_70
- Track 243 : Camperdownii_66
- Track 244 : Mundrea_67
- Track 245 : Cerulean_69, Happiness_67, JetBlade_68, SheldonCooper_68, BangNhom_66
- Track 246 : Morpher26_67, Wile_66, Katalie136_67, Cici_67, PetiteSangsue_67, Datway_67, Xena_66, Wizard007_67
- Track 247 : Stasia_67
- Track 248 : ChampagnePapi_70
- Track 249 : Relief_67
- Track 250 : Stink_67, Miramae_67
- Track 251 : Noelle_68, AvatarAhPeg_67
- Track 252 : Koreni_67
- Track 253 : CentreCat_68, LeoAvram_67
- Track 254 : Cindaradix_64

- Track 255 : Tarynearal_66, HuhtaEnerson15_65, George_63, LittleCherry_66, Bonamassa_67, Swirley_67, Milcery_67
- Track 256 : Airmid_70, Naca_70
- Track 257 : Tiger_67, Micasa_65, Phlorence_66, Theia_66, Cuco_66, Jovo_68, Lev2_68, AgentM_67, Dublin_67, Aragog_67, ForGetIt_68, Conspiracy_68, Coog_64, MarysWell_67, PickleBack_68, Midas2_64, Discoknowium_65
- Track 258 : Scorpia_71
- Track 259 : SydNat_67, Bluefalcon_63, Ghoulboy_67, Archetta_65, Zolita_66
- Track 260 : Jabiru_69, Benedict_71
- Track 261 : EITiger69_73
- Track 262 : PetterN_75
- Track 263 : UnionJack_71
- Track 264 : Chadwick_71
- Track 265 : Neeharika16_73, Jordennis_74, Candra_74, SmellyB_76, GreedyLawyer_71, DaVinci_74, EricB_75, Kipper29_76, SuperAwesome_76, Kazan_77, McFly_77, VohminGhazi_76, SuperCallie99_73, BABullseye_69, Pmask_75, Cookiedough_76, JewelBug_75, Hoot_71, Isiphiwo_73, Newrala_75, Dorothea_73, Chartreuse_73
- Track 266 : Zulu_77, Helmet_77, Indra_79, Roksolana_76, Garak_77, Lilbunny_73, Zaka_76, Artemis2UCLA_75, Hammer_76, Gruunaga_75, ToneTone_73, Blue7_77, Wiks_75, Rifter_76, Tucker_76, Yokurt_75, Koko_77, CloudWang3_76, WunderPhul_76
- Track 267 : Hexamo_75
- Track 268 : Blinn1_80
- Track 269 : Priamo_77
- Track 270 : Jeffabunny_76
- Track 271 : Gladiator_73
- Track 272 : DroogsArmy_67
- Track 273 : Sheen_72
- Track 274 : HINdeR_68
- Track 275 : PP_70
- Track 276 : Timshel_69
- Track 277 : Astro_82, Groundhog_80, Smeadley_82, Danforth_83, Dixon_81, Expelliarmus_79
- Track 278 : Saintus_78, Stephig9_81
- Track 279 : Roary_84
- Track 280 : Phillis_79
- Track 281 : NearlyHeadless_83
- Track 282 : Fayely_73, Myxus_75, Priya_73, Catalina_77, Phonnegut_75, Conquerage_73, Spouty_70, HortumSL17_76, PackMan_74, EmyBug_69, Tubs_75, ExplosioNervosa_73, Qobbit_73, Beemo_75, Phaeder_75, Eidsmoe_73
- Track 283 : DreamTeam1_69
- Track 284 : Ugenie5_70, Scherzo_74
- Track 285 : Pioneer_75
- Track 286 : Alma_73
- Track 287 : Darrell_76
- Track 288 : Keziacharles14_72
- Track 289 : Toaka_75
- Track 290 : Aliter_76
- Track 291 : BogosyJay_75, Maminiaina_75
- Track 292 : Arissanae_72
- Track 293 : Elephantoon_75
- Track 294 : Rahalelujah_75

- Track 295 : Charm_69
- Track 296 : SheaKeira_69
- Track 297 : Vanisoa_72
- Track 298 : Yecey3_77
- Track 299 : LoneWolf_76
- Track 300 : Olicious_66, ZooBear_66, Romero_66, JPandJE_66, HaugeAnator_66
- Track 301 : ToriToki_66, Immanuel3_65
- Track 302 : Fabian_60, RetrieverFever_62
- Track 303 : Stella_67
- Track 304 : Geostin_57
- Track 305 : Treat_66, Percastrophe_66
- Track 306 : Rideau_67
- Track 307 : Kumquat_63, WRightOn_67, Zeigle_63
- Track 308 : Vorvolakos_63, Gremlin23_62, FlowerPower_62
- Track 309 : RosePharie_65
- Track 310 : Dennebes_69
- Track 311 : Manuel_62
- Track 312 : Yogi_56, Hiro_56, Bonanza_57
- Track 313 : Nancinator_56, Espica_57, Gollum_56, Belenaria_57, UhSalsa_56, Shuman_57, RexFury_55, AppleCloud_53, Natosaleda_55
- Track 314 : Phrankenstein_56, Rhodalysa_56, Rasputin_56, Krishelle_56, Swann_56, StCroix_55, Naiad_55, RER2_49, Bradshaw_56, TWAMP_56, Alatin_55, Erik_56, Lillie_56, CosmicSans_56
- Track 315 : Alpacados_55
- Track 316 : Dinger_55, Yoncess_55, Takoda_56
- Track 317 : BobbyDazzler_56
- Track 318 : Partridge_55, AngryOrchard_53
- Track 319 : Harlequin_55, Jester_55
- Track 320 : Bryce_55
- Track 321 : RGL3_49
- Track 322 : PhailMary_55
- Track 323 : Ibantik_53
- Track 324 : Success_36

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

The start number called the most often in the published annotations is 82, it was called in 185 of the 796 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AbbysRanger_67, Abdiel_68, Achebe_66, Aeneas_71, Albee_68, Alberto7_69, Annyong_67, Artemis2UCLA_75, Arturo_65, AvatarAhPeg_67, Avle17_68, BABullseye_69, Baby16_68, Backyardigan_65, Bactobuster_66, Badger_66, BangNhom_66, Bartimeaus_68, BellusTerra_69, Blackmoor_67, Blinn1_80, Blue7_77, Bombshell_68, Broseidon_68, Bruiser_67, BubbleTrouble_67, Bumblebee11_66, Burger_66, Caelakin_67, Camperdownii_66, Candra_74, CentreCat_68, Cerulean_69, ChampagnePapi_70, Chaph_68, Chartreuse_73, Cici_67, Cindaradix_64, Cintron_68, Citius_68, Clarenza_67, CloudWang3_76, Cocoaberry_68, Commander_66, Connomayer_68, Cookiedough_76, DaVinci_74, Datway_67, Deano_65, Dhanush_68, DirtyDunning_67, Dorothea_73, Druantia_67,

Eagle_67, Eapen_68, EricB_75, Eris_67, Eros_68, Eurydice_69, Florean_68, Flux_68, Funston_67, Gadost_68, Garak_77, Gladiator_73, GreedyLawyer_71, Gruunaga_75, HamSlice_64, Hammer_76, Happiness_67, Helmet_77, Hexamo_75, Holli_67, Hoot_71, Houdini22_67, ICleared_67, Iceman_67, Indra_79, Iracema64_68, IronMan_71, Isiphiwo_73, Jaan_72, Jaykayelowell_65, Jeffabunny_76, JetBlade_68, JewelBug_75, JoongJeon_67, Jordennis_74, KFPoly_67, Kampy_67, Katalie136_67, Kazan_77, Kimona_67, Kingmustik0402_68, Kipper29_76, Koko_77, Koreni_67, Kratark_67, Kremtemulon_64, Kyee_68, LHTSCC_70, Landor_72, LappelDuVide_64, Lemur_68, LeoAvram_67, Lilbunny_73, LittleB_68, LittleGuy_68, LochMonster_69, Lorenzo_68, Lunsford_68, Maverick_67, Maxo_69, Mazhar510_68, McFly_77, Medusa_68, MeeZee_67, Melvin_70, Millski_67, Miramae_67, Morpher26_67, Morrow_69, Mule_65, Mundrea_67, Nebs_69, Neeharika16_73, Nemo27_67, Newrala_75, Noelle_68, NorthStar_66, NotAPhaseMom_67, Nyxis_67, OKaNui_67, Obama12_69, Ohfah_69, PP_70, Palestino_67, Peaches_66, Perplexer_67, PeterPeter_68, PetiteSangsue_67, Phacado_68, Phaded_69, Felipe_69, Phighter1804_68, Phontbonne_68, PhrostyMug_68, Pioneer_75, Pipcraft_65, Pmask_75, Polymorphads_68, Priamo_77, Pumbaa_68, Relief_67, Rifter_76, Roksolana_76, Romney_67, Roosevelt_66, Ruin_68, Sabertooth_68, Scamp_68, Shaka_66, SheldonCooper_68, Shygu2_67, Skipitt_67, SmellyB_76, Sparxx_69, Spino_67, Stasia_67, Stink_67, SuperAwesome_76, SuperCallie99_73, Taquarus_67, Thanksgivukkah_67, TinaFeyge_66, Tinybot_67, TiroTheta9_67, ToneTone_73, TroyPia_69, Tucker_76, TygerBlood_68, Ulysses_67, VohminGhazi_76, Wander_68, Wiks_75, Wilbur_68, Wile_66, Wizard007_67, WunderPhul_76, Xena_66, YoSam321_68, Yokurt_75, Zaka_76, Zimmer_72, Zulu_77,

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

- Aliter_76, Anaysia_82, Battleship_84, Beemo_75, Boohoo_82, Catalina_77, Charm_69, Conquerage_73, DekHockey33_83, DreamTeam1_69, Eidsmoe_73, EmyBug_69, Epsocamisio_79, ExplosioNervosa_73, Fayely_73, HortumSL17_76, JSwag_82, KatherineG_82, LastResort_80, Looper_81, Marge_65, MinecraftSteve_82, Myxus_75, Nebulosus_79, Oofda_81, Oogway_67, PackMan_74, Perseus_66, Phaeder_75, Phonnegut_75, Priya_73, Qobbit_73, ReMo_80, Remus_82, Rosalind_80, Rutherford_70, ShayRa_82, SheaKeira_69, Smairt_70, Soups_81, Spouty_70, Strosahl_82, Switzerland_81, Tubs_75, Waits_81,

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

- 20ES_75, 40AC_72, A6_61, ACFishhook_74, AFIS_65, AN3_75, AN9_76, ANI8_76, AbbyPaige_75, Abbyshoes_71, Abrogate_690, Acme_72, Acolyte_64, Adahisdi_67, Adzzy_78, Agaliana_64, Agape74_75, AgentM_67, Aglet_78, AgronaGT15_74, Airmid_70, Ajay_68, Alatin_55, Alma_73, Alpacados_55, Alsfro_74, Altman_71, Alvin_69, Aneem_77, Anglerfish_70, AngryOrchard_53, AnnaL29_73, Anon_78, Anselm_75, Anthony_71, Anubis_80, AppleCloud_53, Applejack_70, Aragog_67, Arcanine_72, ArcherNM_67, Archetta_65, Arissanae_72, Arlo_67, Ashballer_73, Astro_82, Atkinbua_73, AugsMagnumOpus_80, B1_63, BK1_61, BPBiabs31_72, BabyBack_68, BabyRay_72, Bachome_74, BaconJack_74, Baehexic_72, Barriga_71, Beatrix_68, Beauxregard13_76, BeesKnees_73, Belenaria_57, Benedict_71, BengiVuitton_73, Benvolio_71, Bethlehem_70, Bexan_66, BiancaTri92_72, Big3_70, BigMau_71, BigPaolini_66, Bigfoot_63, BillKnuckles_65, Bircsak_68, BluSpix_67, BlueBird_74, Blue_69, Bluefalcon_63, Bob3_70, BobSwaget_66, BobbyDazzler_56, BogosyJay_75, Bonamassa_67, Bonanza_57, Bones_67, Bowtie_77, Bradshaw_56, BreSam8_77, Briton15_73, Bruns_71, Bryce_55, Bud_71, Bugatti_71, Bugsy_75, Burton_70, Buttons_65,

BuzzBuzz_71, Bxb1_62, Bxz2_72, C3_69, CRB1_75, CactusRose_71, Caraxes_77, Carlyle_69, Caviar_71, Centaur_74, Chadwick_71, Chanagan_62, Changeling_72, Chargerpower_71, Che12_78, ChipMunk_74, Chupacabra_66, Ciao_68, Colbster_73, Colin_73, ConceptII_73, Conspiracy_68, Coog_64, Corvo_69, CosmicSans_56, Crispicous1_67, Crucio_74, Cuco_66, Cueyllyss_67, Cullens_77, D29_69, D32_75, DBQu4n_76, DD5_69, DaHudson_76, Daishi_76, Dalmatian_74, Danforth_83, Darrell_76, DARTHPhader_71, Deloris_73, Dennebes_69, Dieselweasel_77, Dignity_75, Dinger_55, Discoknowium_65, Dixon_81, Doom_65, DrFeelGood_67, Drake55_75, Drake94_66, DreamCatcher_71, Dreamboat_72, DroogsArmy_67, Dublin_67, DudeLittle_72, Dulcie_69, Duplo_76, Dussy_70, Dynamix_72, EZMoney23_70, EagleEye_79, Eaglepride_70, Ebony_76, Echild_74, Edison31_63, Edtherson_67, ElTiger69_73, Elephantoon_75, EpicPhail_78, Equemioh13_73, Erik_56, Espica_57, Espresso_64, Et2Brutus_75, Euphoria_68, EvilGenius_73, Expelliarmus_79, Eyeball_70, Fabian_60, Fajezeel_71, Fameo_72, Farber_77, Fascinus_65, Fenn_75, Fernando_77, Fibonacci_75, FiringLine_74, First_0074, Flare16_74, Flaverint_77, FlowerPower_62, ForGetIt_68, Forsytheast_70, Francis47_68, Fred313_69, Froghopper_66, Fushigi_65, GageAP_70, Gail_75, Gandalf20_70, GaugeLDP_69, Gemma_74, George_63, Georgie2_75, Geostin_57, Ghoulboy_67, Gilberta_73, GingkoMaracino_77, Giroux_70, Gollum_56, Gompeii16_68, Goose_69, Graduation_75, GrecoEtereo_70, Greg_71, Gremlin23_62, Grif_75, Groundhog_80, Groupthink_77, Grub_75, Grum1_76, GtownJaz_77, Gwendoluna_74, Gyzlar_64, HINdeR_68, Hami1_60, HanShotFirst_70, Harlequin_55, HarryHoudini_74, HarryOW_68, HashRod_78, HaugeAnator_66, HaveUMetTed_77, Heathen_71, Heffalump_71, HelDan_71, Heliosoles_74, Herbertwm_70, Hercules11_77, Hermia_66, HermioneGrange_71, Hiro_56, Homines_60, Hookmount_71, Hope4ever_72, HuhtaEnerson15_65, Hutc2_71, ILeeKay_70, Ibantik_53, Ichabod_73, Idleandcovert_72, IgnatiusPatJac_69, Immanuel3_65, Insomnia_74, Isca_69, Iwokeuplikedis_75, JC27_73, JF2_69, JF4_69, JHC117_73, JPandJE_66, Jabiru_69, Jabith_75, JackSparrow_72, Jasper_71, Jeeves_77, JenCasNa_78, JeppNRM_77, Jerm2_70, Jerm_75, Jester_55, Jobu08_73, Jorgensen_74, Joselito_75, JoshKayV_74, Journey13_63, Jovo_68, Jsquared_77, JuliaChild_71, KADY_74, KBG_69, KSSJEB_69, Kalb97_77, Kalnoky_77, Kalpine_73, Kanely_70, Kenmech_73, Kerberos_76, Keziacharles14_72, Killigrew_68, KingCyrus_73, KittenMittens_65, Koduck_75, Krishelle_56, Kristoff_67, Kugel_74, Kumquat_63, KyMonks1A_73, Kykar_71, L5_69, LBerry_78, LadyBird_77, Lambert1_71, Lamina13_72, Larenn_70, LarryKay_77, Leogania_72, Lesedi_64, Lev2_68, Leviathan_75, Licorice_69, LilBib_68, LiITurb_74, Lilith_75, Lillie_56, LittleCherry_66, Lockley_68, Lokk_67, LoneWolf_76, Lopton_69, Loser_75, Louie6_76, Luchador_76, Lucivia_77, Lucyedi_78, LugYA_80, MA5_71, MK4_71, MPlant7149_69, MaCh_76, Mabel_76, MadMarie_75, Magnar_68, Magnito_70, Mainiac_76, Makemake_74, Malec_71, Malinsilva_79, Maminiaina_75, Manatee_68, Manu_76, Manuel_62, MarQuardt_77, Marcell_65, Marchy_61, Margo_71, Marie_75, Marius_77, Maroc7_69, Marsha_68, MaryBeth_66, MarysWell_67, McGuire_70, MetalQZJ_65, Methuselah_70, Micasa_65, Michley_73, Microwolf_73, MiculUcigas_74, Midas2_64, Miko_67, Milcery_67, Misomonster_78, MissWhite_72, Molly_71, Monet_71, MoneyMay_76, Moose_70, MrGordo_72, Mryolo_67, MuchMore_80, Mulciber_74, Munch_76, Museum_71, MyraDee_71, NEHalo_67, NaSiaTalie_74, Naca_70, Naiad_55, Naira_74, Naji_76, Nancinator_56, Natosaleda_55, NearlyHeadless_83, Nedarya_77, Nerujay_75, Nhonho_68, NicoleTera_71, Niza_70, Noella_71, Norbert_67, Norz_68, NothingSpecial_69, OKCentral2016_66, Odin_75, Ohno789_70, OlanP_75, Olicious_66, Ollie_77, Orange_75, P28Green_77, PGHhamlin_79, PSullivan_67, PacerPaul_69, PainterBoy_77, Panamaxus_69, Papez_73, Paphu_67,

Paraselene_69, Pari_73, Parliament_69, Partridge_55, PascalRango_67, PattyP_71, Pawn_75, Payneful_66, PeaceMeal1_66, Pelly_69, Pembroke_77, Penny1_77, Pepe_66, Percastrophe_66, Petersenfast_70, Peterson_71, Petp2012_72, Petruccio_71, PetterN_75, Ph8s_78, PhailMary_55, Phantastic_73, Pharaoh_69, PherrisBueller_71, Phillis_79, PhishRPhriends_73, Phlei_60, Phlorence_66, Phoebe_78, Phoxy_77, Phrankenstein_56, Phranny_73, PickleBack_68, PinkPlastic_68, Pinto_69, Pippin_69, Piro94_73, Pistachio_71, Pita2_71, Pocahontas_70, Pomar16_76, Poompha_65, Popcicle_71, PotatoSplit_78, Power_73, Pukovnik_70, Puppy_72, PurpleHaze_76, QTRlifeCrisis_72, QueenB2_71, QueenBeesly_74, QuinnKiro_70, RER2_49, RGL3_49, Rachaly_69, Rahalelujah_75, Rajelicia_70, Rasputin_56, Reba_72, Rebeuca_69, RedRock_72, Refuge_71, ResDef_69, RetrieverFever_62, Retro23_74, RexFury_55, Rhodalysa_56, RhynO_67, Rhynn_65, Rideau_67, RidgeCB_69, Ringer_72, Roary_84, Rockstar_70, Rohr_70, Romero_66, RosePharie_65, Rubeus_68, Rufus_71, Rummer_76, Ruotula_75, STLscum_77, Sabia_75, Sabinator_75, Sagefire_69, Saintus_78, Salz_71, Sandaddy_66, SarFire_69, SaturnRing_71, Scherzo_74, Scorpia_71, Scout_70, Scowl_69, Seabiscuit_70, Seanderson_71, SemperFi_74, Serenity_77, Severus_66, Sham4_72, Sheen_72, ShortQueendom_61, Shuman_57, Sibs6_71, SkiPole_76, Slagathor_72, Smeadley_82, Smeagan_76, Smeagol_70, SnapTap_73, Snape_76, Snazzy_67, Snickers_73, SoYo_74, SoilDragon_76, Solon_68, SororFago_75, Sorpresa_65, Soshari_79, Spike509_77, SpikeBT_68, Squee_72, StCroix_55, Stagni_74, StarStuff_76, Steamy_68, Stella_67, StepMih_76, Stephig9_81, StewieG_63, StrongArm_67, Success_36, Sumter_65, Sunshine924_73, Superchunk_76, Swann_56, SweetiePie_73, SwirlSquare_80, Swirley_67, SwissCheese_72, Switzer_69, Swole_69, SydNat_67, TNguyen7_72, TWAMP_56, Takoda_56, Target_71, TarsusIV_71, Tarynearal_66, Tasp14_71, Taurus_78, Teodoridan_68, Texage_69, Theia_66, TheloniousMonk_73, Thor_69, Tiffany_76, Tiger_67, Timothy_76, Timshel_69, TinyTimmy_73, TopsytheTRex_73, Toaka_75, Todacoro_71, Tomathan_76, Topanga_65, Topgun_68, ToriToki_66, Tote_66, Treat_66, Treddle_69, Trike_65, Tripl3t_72, Trixie_73, Trooper_73, Trouble_70, Turbido_74, Turj99_67, Twister_67, TwoPeat_69, U2_64, Ugenie5_70, UhSalsa_56, UnionJack_71, Updawg_74, VA6_73, VC3_75, Vanisoa_72, Veracruz_68, Violet_66, Vix_73, Vorvolakos_63, WRightOn_67, WalterMcMickey_67, Watermelon_70, Watson_76, WeiHuaDA_74, Whabigail7_74, Wheeler_73, WideWale_74, Wilkins_69, Wooldri_79, XianYue_69, Yecey3_77, Yogi_56, Yoncess_55, Zeigle_63, Zephyr_70, Zetty_74, Zeuska_74, Zolita_66, ZooBear_66,

Summary by start number:

Start 24:

- Found in 1 of 856 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: RhynO_67 (A10),

Start 31:

- Found in 5 of 856 (0.6%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 20.0% of time when present
- Phage (with cluster) where this start called: KBG_69 (A1),

Start 39:

- Found in 2 of 856 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Bxb1_62 (A1),

Start 51:

- Found in 8 of 856 (0.9%) of genes in pham
- Manual Annotations of this start: 3 of 796
- Called 50.0% of time when present
- Phage (with cluster) where this start called: FlowerPower_62 (BF), Geostin_57 (BF), Gremlin23_62 (BF), Vorvolakos_63 (BF),

Start 55:

- Found in 18 of 856 (2.1%) of genes in pham
- Manual Annotations of this start: 8 of 796
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Fabian_60 (BF), Fushigi_65 (A1), Hami1_60 (A1), Magnito_70 (A1), Petruccio_71 (A1), RetrieverFever_62 (BF), Ruotula_75 (A1), Trouble_70 (A1), Turj99_67 (A1),

Start 56:

- Found in 2 of 856 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Bones_67 (A1),

Start 57:

- Found in 40 of 856 (4.7%) of genes in pham
- Manual Annotations of this start: 17 of 796
- Called 45.0% of time when present
- Phage (with cluster) where this start called: Chupacabra_66 (A10), Drake94_66 (A10), Eaglepride_70 (A10), Edison31_63 (A10), Goose_69 (A10), KittenMittens_65 (A10), Kristoff_67 (A10), OKCentral2016_66 (A10), PeaceMeal1_66 (A10), Petp2012_72 (A1), Pita2_71 (A1), Poompha_65 (A10), Rebeuca_69 (A10), Severus_66 (A10), Topanga_65 (A10), Trike_65 (A10), Twister_67 (A10), WalterMcMickey_67 (A10),

Start 62:

- Found in 1 of 856 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: HINdeR_68 (A7),

Start 63:

- Found in 50 of 856 (5.8%) of genes in pham
- Manual Annotations of this start: 40 of 796
- Called 88.0% of time when present
- Phage (with cluster) where this start called: Abbyshoes_71 (A1), Abrogate_690 (A1), Applejack_70 (A1), BaconJack_74 (A1), BeesKnees_73 (A1), Blue_69 (A1), Crispicious1_67 (A1), Doom_65 (A1), Dreamboat_72 (A1), Dussy_70 (A1), Dynamix_72 (A1), Espresso_64 (A1), Fenn_75 (A1), Gandalf20_70 (A1), Graduation_75 (A1), HanShotFirst_70 (A1), ILeeKay_70 (A1), JC27_73 (A1), Jasper_71 (A1), KSSJEB_69 (A1), Kenmech_73 (A1), Kugel_74 (A1), Magnar_68

(A1), Marcell_65 (A1), Marchy_61 (A1), Michley_73 (A1), Mryolo_67 (A1), Naira_74 (A1), Nhonho_68 (A1), Norz_68 (A1), Papez_73 (A1), Paphu_67 (A1), Payneful_66 (A1), Peterson_71 (A1), PherrisBueller_71 (A1), PinkPlastic_68 (A1), Ringer_72 (A1), Sagefire_69 (A1), Solon_68 (A1), Sunshine924_73 (A1), Tasp14_71 (A1), Topgun_68 (A1), Wilkins_69 (A1), Zeuska_74 (A1),

Start 64:

- Found in 6 of 856 (0.7%) of genes in pham
- Manual Annotations of this start: 3 of 796
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Gwendoluna_74 (A1), MrGordo_72 (A1), Pepe_66 (A1), STLscum_77 (A1),

Start 65:

- Found in 15 of 856 (1.8%) of genes in pham
- Manual Annotations of this start: 6 of 796
- Called 40.0% of time when present
- Phage (with cluster) where this start called: Adahisdi_67 (A1), Beatrix_68 (A1), DD5_69 (A1), Eyeball_70 (A1), Hope4ever_72 (A1), Lockley_68 (A1),

Start 66:

- Found in 1 of 856 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Wheeler_73 (A1),

Start 67:

- Found in 49 of 856 (5.7%) of genes in pham
- Manual Annotations of this start: 41 of 796
- Called 93.9% of time when present
- Phage (with cluster) where this start called: Acme_72 (A1), Ajay_68 (A1), Alvin_69 (A1), Ashballer_73 (A1), Bexan_66 (A1), BillKnuckles_65 (A1), Carlyle_69 (A1), Ciao_68 (A1), DrFeelGood_67 (A1), Dulcie_69 (A1), Fajezeel_71 (A1), Greg_71 (A1), Gyzlar_64 (A1), Hermia_66 (A1), Homines_60 (A1), JackSparrow_72 (A1), JuliaChild_71 (A1), Killigrew_68 (A1), Kykar_71 (A1), Lamina13_72 (A1), Licorice_69 (A1), LilBib_68 (A1), Makemake_74 (A1), Molly_71 (A1), Museum_71 (A1), NEHalo_67 (A1), Nerujay_75 (A1), Niza_70 (A1), PSullivan_67 (A1), Paraselene_69 (A1), Parliament_69 (A1), PattyP_71 (A1), QTRlifeCrisis_72 (A1), RidgeCB_69 (A1), Sibs6_71 (A1), Slagathor_72 (A1), SpikeBT_68 (A1), StrongArm_67 (A1), Switzer_69 (A1), Swole_69 (A1), Target_71 (A1), Teodoridan_68 (A1), TheloniousMonk_73 (A1), Tote_66 (A1), TwoPeat_69 (A1), Violet_66 (A1),

Start 71:

- Found in 11 of 856 (1.3%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 9.1% of time when present
- Phage (with cluster) where this start called: Big3_70 (A1),

Start 73:

- Found in 3 of 856 (0.4%) of genes in pham
- Manual Annotations of this start: 3 of 796
- Called 100.0% of time when present

- Phage (with cluster) where this start called: DroogsArmy_67 (A7), Sheen_72 (A7), Timshel_69 (A7),

Start 74:

- Found in 1 of 856 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Steamy_68 (A12),

Start 75:

- Found in 3 of 856 (0.4%) of genes in pham
- Manual Annotations of this start: 2 of 796
- Called 66.7% of time when present
- Phage (with cluster) where this start called: BiancaTri92_72 (A2), Leogania_72 (A2),

Start 77:

- Found in 291 of 856 (34.0%) of genes in pham
- Manual Annotations of this start: 159 of 796
- Called 60.8% of time when present
- Phage (with cluster) where this start called: 20ES_75 (A2), 40AC_72 (A17), AN3_75 (A2), AbbyPaige_75 (A2), Adzzy_78 (A2), Agape74_75 (A2), Aliter_76 (A9), Alma_73 (A9), Anaysia_82 (A15), Aneem_77 (A11), AnnaL29_73 (A2), Anselm_75 (A2), ArcherNM_67 (A2), Arissanae_72 (A9), BabyBack_68 (A2), Bachome_74 (A11), Baehexic_72 (A2), Battleship_84 (A15), Beemo_75 (A9), BengiVuitton_73 (A2), Benvolio_71 (A2), BobSwaget_66 (A2), BogosyJay_75 (A9), Boohoo_82 (A15), Bowtie_77 (A11), Bud_71 (A11), Bugsy_75 (A2), CRB1_75 (A2), Caraxes_77 (A2), Catalina_77 (A9), Centaur_74 (A2), Changeling_72 (A2), Chargerpower_71 (A), Charm_69 (A9), Che12_78 (A2), ChipMunk_74 (A2), Colin_73 (A2), Conquerage_73 (A9), Crucio_74 (A2), Dalmatian_74 (A2), Darrell_76 (A9), DekHockey33_83 (A15), Deloris_73 (A2), Dignity_75 (A2), Drake55_75 (A2), DreamTeam1_69 (A9), DudeLittle_72 (A2), EZMoney23_70 (A2), EagleEye_79 (A16), Ebony_76 (A11), Echild_74 (A2), Eidsmoe_73 (A9), Elephantoon_75 (A9), EmyBug_69 (A9), Epsocamisio_79 (A15), Equemioh13_73 (A2), Et2Brutus_75 (A11), EvilGenius_73 (A2), ExplosioNervosa_73 (A9), Fameo_72 (A2), Fayely_73 (A9), Fibonacci_75 (A11), FiringLine_74 (A2), First_0074 (A2), Flare16_74 (A2), Flaverint_77 (A11), Gail_75 (A14), GaugeLDP_69 (A2), Georgie2_75 (A2), Gilberta_73 (A11), HarryHoudini_74 (A2), Heffalump_71 (A2), HortumSL17_76 (A9), Hutc2_71 (A11), Ibantik_53 (singleton), Insomnia_74 (A11), Iwokeuplikedis_75 (A2), JSwag_82 (A15), Jabith_75 (A11), Jeeves_77 (A14), Jerm_75 (A2), Joselito_75 (A11), JoshKayV_74 (A2), Journey13_63 (A2), Jsquared_77 (A2), Kalpine_73 (A2), KatherineG_82 (A15), Keziacharles14_72 (A9), KingCyrus_73 (A2), Koduck_75 (A2), L5_69 (A2), LadyBird_77 (A2), Larenn_70 (A2), Leviathan_75 (A2), LilTurb_74 (A2), Lokk_67 (A2), LoneWolf_76 (A9), Looper_81 (A15), Loser_75 (A2), Luchador_76 (A14), Lucivia_77 (A11), Lucyedi_78 (A16), MaCh_76 (A11), Mabel_76 (A11), Maminiaina_75 (A9), MiculUcigas_74 (A2), Miko_67 (A2), MinecraftSteve_82 (A15), MissWhite_72 (A2), Mulciber_74 (A11), Munch_76 (A11), Myxus_75 (A9), NaSiaTalie_74 (A2), Nebulosus_79 (A15), Nedarya_77 (A15), NicoleTera_71 (A2), Odin_75 (A2), Oofda_81 (A15), Orange_75 (A11), PackMan_74 (A9), PainterBoy_77 (A16), Petersenfast_70 (A11), Ph8s_78 (A2), Phaeder_75 (A9), Pharaoh_69 (A12), Phonnegut_75 (A9), Piro94_73 (A2), Power_73 (A2), Priya_73 (A9), Qobbit_73 (A9), QueenB2_71 (A2), QueenBeesly_74 (A2), Rachaly_69 (A2), Rahalelujah_75 (A9), ReMo_80 (A15), RedRock_72 (A2), Remus_82 (A15), Retro23_74 (A2), Rosalind_80 (A15), Salz_71 (A11), Scherzo_74 (A9), Seanderson_71 (A1), SemperFi_74 (A2),

Serenity_77 (A2), Sham4_72 (A11), ShayRa_82 (A15), SheaKeira_69 (A9), Smeagan_76 (A2), SnapTap_73 (A2), Snape_76 (A11), SororFago_75 (A14), Soups_81 (A15), Spouty_70 (A9), Strosahl_82 (A15), Success_36 (singleton), Superchunk_76 (A2), SweetiePie_73 (A2), SwirlSquare_80 (A2), Switzerland_81 (A15), TarsusIV_71 (A2), Timothy_76 (A11), TinyTimmy_73 (A11), TipsytheTRex_73 (A2), Toaka_75 (A9), Trixie_73 (A2), Trooper_73 (A2), Tubs_75 (A9), Turbido_74 (A2), Ugenie5_70 (A9), Updawg_74 (A2), VA6_73 (A2), Vanisoa_72 (A9), WeiHuaDA_74 (A2), Whabigail7_74 (A2), WideWale_74 (A2), XianYue_69 (A2), Yecey3_77 (A9),

Start 78:

- Found in 1 of 856 (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: Phlei_60 (A13),

Start 79:

- Found in 43 of 856 (5.0%) of genes in pham
- Manual Annotations of this start: 38 of 796
- Called 97.7% of time when present
- Phage (with cluster) where this start called: Acolyte_64 (A2), Anthony_71 (A20), B1_63 (A3), BabyRay_72 (A3), BlueBird_74 (A3), Bugatti_71 (A3), Caviar_71 (A3), Edtherson_67 (A1), Fred313_69 (A3), Giroux_70 (A3), Heathen_71 (A3), HelDan_71 (A3), Hookmount_71 (A3), Idleandcovert_72 (A3), Isca_69 (A3), JF2_69 (A3), JF4_69 (A3), Lambert1_71 (A3), MA5_71 (A3), MK4_71 (A3), Malec_71 (A2), Margo_71 (A3), Monet_71 (A1), Noella_71 (A3), Norbert_67 (A3), Panamaxus_69 (A3), Phantastic_73 (A3), Pistachio_71 (A3), Pocahontas_70 (A3), Popcicle_71 (A3), Puppy_72 (A3), QuinnKiro_70 (A3), ResDef_69 (A3), Rockstar_70 (A3), SaturnRing_71 (A3), Scout_70 (A3), SkiPole_76 (A1), TNguyen7_72 (A3), Texage_69 (A3), Todacoro_71 (A3), Treddle_69 (A1), Veracruz_68 (A3),

Start 80:

- Found in 1 of 856 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: HarryOW_68 (A1),

Start 81:

- Found in 13 of 856 (1.5%) of genes in pham
- Manual Annotations of this start: 12 of 796
- Called 92.3% of time when present
- Phage (with cluster) where this start called: Astro_82 (A8), Danforth_83 (A8), DARTHPhader_71 (A12), Dixon_81 (A8), Expelliarmus_79 (A8), Groundhog_80 (A8), NearlyHeadless_83 (A8), Phillis_79 (A8), Refuge_71 (A12), Saintus_78 (A8), Smeadley_82 (A8), StepHig9_81 (A8),

Start 82:

- Found in 240 of 856 (28.0%) of genes in pham
- Manual Annotations of this start: 185 of 796
- Called 81.2% of time when present
- Phage (with cluster) where this start called: AbbysRanger_67 (A4), Abdiel_68 (A4), Achebe_66 (A4), Aeneas_71 (A1), Albee_68 (A4), Alberto7_69 (A4), Annyong_67 (A4), Artemis2UCLA_75 (A6), Arturo_65 (A4), AvatarAhPeg_67 (A4), Avle17_68

(A4), BABullseye_69 (A6), Baby16_68 (A4), Backyardigan_65 (A4), Bactobuster_66 (A2), Badger_66 (A4), BangNhom_66 (A4), Bartimeaus_68 (A4), BellusTerra_69 (A4), Blackmoor_67 (A4), Blinn1_80 (A6), Blue7_77 (A6), Bombshell_68 (A4), Broseidon_68 (A4), Bruiser_67 (A4), BubbleTrouble_67 (A4), Bumblebee11_66 (A4), Burger_66 (A4), Caelakin_67 (A4), Camperdownii_66 (A4), Candra_74 (A6), CentreCat_68 (A4), Cerulean_69 (A4), ChampagnePapi_70 (A4), Chaph_68 (A4), Chartreuse_73 (A6), Cici_67 (A4), Cindaradix_64 (A4), Cintron_68 (A4), Citius_68 (A4), Clarenza_67 (A4), CloudWang3_76 (A6), Cocoaberry_68 (A4), Commander_66 (A4), Connomayer_68 (A4), Cookiedough_76 (A6), DaVinci_74 (A6), Datway_67 (A4), Deano_65 (A4), Dhanush_68 (A4), DirtyDunning_67 (A4), Dorothea_73 (A6), Druantia_67 (A4), Eagle_67 (A4), Eapen_68 (A4), EricB_75 (A6), Eris_67 (A4), Eros_68 (A4), Eurydice_69 (A4), Florean_68 (A4), Flux_68 (A4), Funston_67 (A4), Gadost_68 (A4), Garak_77 (A6), Gladiator_73 (A6), GreedyLawyer_71 (A6), Gruunaga_75 (A6), HamSlice_64 (A4), Hammer_76 (A6), Happiness_67 (A4), Helmet_77 (A6), Hexamo_75 (A6), Holli_67 (A4), Hoot_71 (A6), Houdini22_67 (A4), ICleared_67 (A4), Iceman_67 (A4), Indra_79 (A6), Iracema64_68 (A4), IronMan_71 (A2), Isiphiwo_73 (A6), Jaan_72 (A2), Jaykayelowell_65 (A4), Jeffabunny_76 (A6), JetBlade_68 (A4), JewelBug_75 (A6), JoongJeon_67 (A4), Jordennis_74 (A6), KFPoly_67 (A4), Kamy_67 (A4), Katalie136_67 (A4), Kazan_77 (A6), Kimona_67 (A19), Kingmustik0402_68 (A4), Kipper29_76 (A6), Koko_77 (A6), Koreni_67 (A4), Kratark_67 (A4), Kremtemulon_64 (A4), Kyee_68 (A4), LHTSCC_70 (A4), Landor_72 (A2), LappelDuVide_64 (A4), Lemur_68 (A4), LeoAvram_67 (A4), Lilbunny_73 (A6), LittleB_68 (A4), LittleGuy_68 (A4), LochMonster_69 (A4), Lorenzo_68 (A4), Lunsford_68 (A4), Maverick_67 (A4), Maxo_69 (A4), Mazhar510_68 (A4), McFly_77 (A6), Medusa_68 (A4), MeeZee_67 (A4), Melvin_70 (A4), Millski_67 (A4), Miramae_67 (A4), Morpher26_67 (A4), Morrow_69 (A4), Mule_65 (A1), Mundrea_67 (A4), Nebs_69 (A4), Neeharika16_73 (A6), Nemo27_67 (A4), Newrala_75 (A6), Noelle_68 (A4), NorthStar_66 (A4), NotAPhaseMom_67 (A4), Nyxis_67 (A4), OKaNui_67 (A4), Obama12_69 (A4), Ohfah_69 (A4), PP_70 (A7), Palestino_67 (A4), Peaches_66 (A4), Perplexer_67 (A4), PeterPeter_68 (A4), PetiteSangsue_67 (A4), Phacado_68 (A4), Phaded_69 (A2), Phelipe_69 (A4), Phighter1804_68 (A4), Phontbonne_68 (A4), PhrostyMug_68 (A1), Pioneer_75 (A9), Pipcraft_65 (A4), Pmask_75 (A6), Polymorphads_68 (A4), Priamo_77 (A6), Pumbaa_68 (A4), Relief_67 (A4), Rifter_76 (A6), Roksolana_76 (A6), Romney_67 (A4), Roosevelt_66 (A4), Ruin_68 (A4), Sabertooth_68 (A4), Scamp_68 (A4), Shaka_66 (A4), SheldonCooper_68 (A4), Shygu2_67 (A4), Skipitt_67 (A4), SmellyB_76 (A6), Sparxx_69 (A4), Spino_67 (A4), Stasia_67 (A4), Stink_67 (A4), SuperAwesome_76 (A6), SuperCallie99_73 (A6), Taquarus_67 (A4), Thanksgivukkah_67 (A4), TinaFeyge_66 (A4), Tinybot_67 (A4), TiroTheta9_67 (A4), ToneTone_73 (A6), TroyPia_69 (A4), Tucker_76 (A6), TygerBlood_68 (A4), Ulysses_67 (A4), VohminGhazi_76 (A6), Wander_68 (A4), Wiks_75 (A6), Wilbur_68 (A4), Wile_66 (A4), Wizard007_67 (A4), WunderPhul_76 (A6), Xena_66 (A4), YoSam321_68 (A4), Yokurt_75 (A6), Zaka_76 (A6), Zimmer_72 (A12), Zulu_77 (A6),

Start 83:

- Found in 5 of 856 (0.6%) of genes in pham
- Manual Annotations of this start: 4 of 796
- Called 80.0% of time when present
- Phage (with cluster) where this start called: Arlo_67 (A1), Cueyllyss_67 (A1), Euphoria_68 (A1), GageAP_70 (A1),

Start 84:

- Found in 37 of 856 (4.3%) of genes in pham

- Manual Annotations of this start: 29 of 796
- Called 97.3% of time when present
- Phage (with cluster) where this start called: Agaliana_64 (A1), Altman_71 (A1), Anglerfish_70 (A1), Arcanine_72 (A1), Barriga_71 (A1), BigPaolini_66 (A1), Bigfoot_63 (A1), Bircsak_68 (A1), Burton_70 (A1), Buttons_65 (A1), CactusRose_71 (A1), Chanagan_62 (A1), Conceptll_73 (A1), Fascinus_65 (A1), Francis47_68 (A1), Gompeii16_68 (A1), Jorgensen_74 (A1), Kanely_70 (A1), Maroc7_69 (A1), Marsha_68 (A1), PacerPaul_69 (A1), Pari_73 (A1), Pelly_69 (A1), Pinto_69 (A1), Pippin_69 (A1), Rajelicia_70 (A1), Rhynn_65 (A1), Sandaddy_66 (A1), Scowl_69 (A1), ShortQueendom_61 (A1), Smeagol_70 (A1), Sorpresa_65 (A1), StewieG_63 (A1), Sumter_65 (A1), Tripl3t_72 (A1), Zephyr_70 (A1),

Start 85:

- Found in 11 of 856 (1.3%) of genes in pham
- Manual Annotations of this start: 8 of 796
- Called 72.7% of time when present
- Phage (with cluster) where this start called: Bethlehem_70 (A1), Briton15_73 (A1), Bruns_71 (A1), Marge_65 (A1), Oogway_67 (A1), Perseus_66 (A1), Rutherford_70 (A1), Smairt_70 (A1),

Start 86:

- Found in 76 of 856 (8.9%) of genes in pham
- Manual Annotations of this start: 72 of 796
- Called 97.4% of time when present
- Phage (with cluster) where this start called: AgentM_67 (A5), Airmid_70 (A5), Alatin_55 (CA), Alpacados_55 (CA), AngryOrchard_53 (CA), AppleCloud_53 (CA), Aragog_67 (A5), Archetta_65 (A5), Belenaria_57 (CA), Benedict_71 (A5), Bluefalcon_63 (A5), Bonamassa_67 (A5), Bonanza_57 (CA), Bradshaw_56 (CA), Bryce_55 (CA), Chadwick_71 (A5), Conspiracy_68 (A5), Coog_64 (A5), CosmicSans_56 (CA), Cuco_66 (A5), Dinger_55 (CA), Discoknowium_65 (A5), Dublin_67 (A5), ElTiger69_73 (A5), Erik_56 (CA), Espica_57 (CA), ForGetIt_68 (A5), George_63 (A5), Ghoulyboy_67 (A5), Gollum_56 (CA), Harlequin_55 (CA), Hiro_56 (CA), HuhtaEnerson15_65 (A5), Jabiru_69 (A5), Jester_55 (CA), Jovo_68 (A5), Krishelle_56 (CA), Lev2_68 (A5), Lillie_56 (CA), LittleCherry_66 (A5), MarysWell_67 (A5), Micasa_65 (A5), Midas2_64 (A5), Milcery_67 (A5), Naca_70 (A5), Naiad_55 (CA), Nancinator_56 (CA), Natosaleda_55 (CA), Partridge_55 (CA), PetterN_75 (A5), PhailMary_55 (CA), Phlorence_66 (A5), Phrankenstien_56 (CA), PickleBack_68 (A5), RER2_49 (CA), Rasputin_56 (CA), RexFury_55 (CA), Rhodalysa_56 (CA), Scorpia_71 (A5), Shuman_57 (CA), StCroix_55 (CA), Swann_56 (CA), Swirley_67 (A5), SydNat_67 (A5), TWAMP_56 (CA), Takoda_56 (CA), Tarynearl_66 (A5), Theia_66 (A5), Tiger_67 (A5), UhSalsa_56 (CA), UnionJack_71 (A5), Yogi_56 (CA), Yoncess_55 (CA), Zolita_66 (A5),

Start 87:

- Found in 13 of 856 (1.5%) of genes in pham
- Manual Annotations of this start: 13 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AN9_76 (A2), ANI8_76 (A2), C3_69 (A2), D29_69 (A2), D32_75 (A2), DBQu4n_76 (A2), Duplo_76 (A2), Kerberos_76 (A2), Naji_76 (A2), Pomar16_76 (A2), StarStuff_76 (A2), Tomathan_76 (A2), VC3_75 (A2),

Start 88:

- Found in 32 of 856 (3.7%) of genes in pham
- Manual Annotations of this start: 25 of 796
- Called 78.1% of time when present
- Phage (with cluster) where this start called: A6_61 (A1), Alsfro_74 (A1), Atkinbua_73 (A1), BK1_61 (A1), BPBiebs31_72 (A1), BigMau_71 (A1), Bob3_70 (A1), Corvo_69 (A1), Forsytheast_70 (A1), Froghopper_66 (A1), HermioneGrange_71 (A1), Jerm2_70 (A1), KyMonks1A_73 (A1), MPlant7149_69 (A1), Manatee_68 (A1), MaryBeth_66 (A1), MetalQZJ_65 (A1), Moose_70 (A1), Ohno789_70 (A1), Rohr_70 (A1), Rubeus_68 (A1), Rufus_71 (A1), Seabiscuit_70 (A1), SwissCheese_72 (A1), Watermelon_70 (A1),

Start 89:

- Found in 2 of 856 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 796
- Called 100.0% of time when present
- Phage (with cluster) where this start called: NothingSpecial_69 (A2), Pukovnik_70 (A2),

Start 90:

- Found in 14 of 856 (1.6%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 7.1% of time when present
- Phage (with cluster) where this start called: Herbertwm_70 (A2),

Start 91:

- Found in 83 of 856 (9.7%) of genes in pham
- Manual Annotations of this start: 77 of 796
- Called 94.0% of time when present
- Phage (with cluster) where this start called: ACFishhook_74 (A3), Aglet_78 (A3), AgronaGT15_74 (A3), Anon_78 (A15), Anubis_80 (A3), AugsMagnumOpus_80 (A3), Beauxregard13_76 (A3), BreSam8_77 (A3), BuzzBuzz_71 (A3), Bxz2_72 (A3), Colbster_73 (A3), Cullens_77 (A3), DaHudson_76 (A3), Daishi_76 (A3), Dieselweasel_77 (A3), EpicPhail_78 (A3), Farber_77 (A3), Gemma_74 (A3), GingkoMaracino_77 (A3), Grif_75 (A3), Groupthink_77 (A3), Grub_75 (A3), Grum1_76 (A3), GtownJaz_77 (A3), HashRod_78 (A3), HaveUMetTed_77 (A3), Heliosoles_74 (A3), Hercules11_77 (A3), JHC117_73 (A3), JenCasNa_78 (A3), JeppNRM_77 (A3), Jobu08_73 (A3), KADY_74 (A3), Kalb97_77 (A3), Kalnoky_77 (A3), LBerry_78 (A3), LarryKay_77 (A3), Louie6_76 (A3), LugYA_80 (A3), MadMarie_75 (A3), Mainiac_76 (A3), Malinsilva_79 (A3), Manu_76 (A3), MarQuardt_77 (A3), Marie_75 (A3), Marius_77 (A3), Methuselah_70 (A3), Microwolf_73 (A3), Misomonster_78 (A3), MoneyMay_76 (A3), MuchMore_80 (A3), MyraDee_71 (A18), OlanP_75 (A3), Ollie_77 (A3), P28Green_77 (A3), PGHhamlin_79 (A3), Pawn_75 (A3), Pembroke_77 (A3), Penny1_77 (A3), PhishRPhriends_73 (A3), Phoebe_78 (A3), Phoxy_77 (A3), Phranny_73 (A3), PotatoSplit_78 (A3), PurpleHaze_76 (A3), Reba_72 (A3), Sabia_75 (A3), Sabinator_75 (A3), SoYo_74 (A3), SoilDragon_76 (A3), Soshari_79 (A3), Spike509_77 (A3), StepMih_76 (A3), Taurus_78 (A3), Tiffany_76 (A3), Vix_73 (A3), Watson_76 (A3), Wooldri_79 (A3),

Start 93:

- Found in 23 of 856 (2.7%) of genes in pham
- Manual Annotations of this start: 14 of 796
- Called 65.2% of time when present

- Phage (with cluster) where this start called: Dennebes_69 (BF), HaugeAnator_66 (BF), JPandJE_66 (BF), Kumquat_63 (BF), Manuel_62 (BF), Olicious_66 (BF), Percastrophe_66 (BF), Rideau_67 (BF), Romero_66 (BF), RosePharie_65 (BF), Stella_67 (BF), Treat_66 (BF), WRightOn_67 (BF), Zeigle_63 (BF), ZooBear_66 (BF),

Start 98:

- Found in 21 of 856 (2.5%) of genes in pham
- Manual Annotations of this start: 2 of 796
- Called 9.5% of time when present
- Phage (with cluster) where this start called: Immanuel3_65 (BF), ToriToki_66 (BF),

Start 99:

- Found in 278 of 856 (32.5%) of genes in pham
- Manual Annotations of this start: 6 of 796
- Called 2.5% of time when present
- Phage (with cluster) where this start called: Fernando_77 (A3), LastResort_80 (A15), Lilith_75 (A3), Rummer_76 (A3), Snickers_73 (A3), Stagni_74 (A3), Waits_81 (A15),

Start 102:

- Found in 253 of 856 (29.6%) of genes in pham
- Manual Annotations of this start: 13 of 796
- Called 5.1% of time when present
- Phage (with cluster) where this start called: AFIS_65 (A1), DreamCatcher_71 (A1), GrecoEtereo_70 (A1), Ichabod_73 (A1), IgnatiusPatJac_69 (A1), Lesedi_64 (A1), Lopton_69 (A1), McGuire_70 (A1), Roary_84 (A8), SarFire_69 (A1), Snazzy_67 (A1), Squee_72 (A1), Thor_69 (A1),

Start 105:

- Found in 437 of 856 (51.1%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 0.2% of time when present
- Phage (with cluster) where this start called: U2_64 (A1),

Start 109:

- Found in 38 of 856 (4.4%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 5.3% of time when present
- Phage (with cluster) where this start called: BobbyDazzler_56 (CA), RGL3_49 (CA),

Start 112:

- Found in 274 of 856 (32.0%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 0.7% of time when present
- Phage (with cluster) where this start called: BluSpix_67 (A1), PascalRango_67 (A1),

Start 128:

- Found in 272 of 856 (31.8%) of genes in pham
- Manual Annotations of this start: 1 of 796
- Called 0.4% of time when present
- Phage (with cluster) where this start called: Zetzy_74 (A3),

Summary by clusters:

There are 24 clusters represented in this pham: BF, singleton, A15, A14, A17, A16, A11, A10, A13, A12, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A8, A, CA, A20,

Info for manual annotations of cluster A:

- Start number 77 was manually annotated 1 time for cluster A.

Info for manual annotations of cluster A1:

- Start number 31 was manually annotated 1 time for cluster A1.
- Start number 39 was manually annotated 1 time for cluster A1.
- Start number 55 was manually annotated 6 times for cluster A1.
- Start number 56 was manually annotated 1 time for cluster A1.
- Start number 57 was manually annotated 2 times for cluster A1.
- Start number 63 was manually annotated 40 times for cluster A1.
- Start number 64 was manually annotated 3 times for cluster A1.
- Start number 65 was manually annotated 6 times for cluster A1.
- Start number 66 was manually annotated 1 time for cluster A1.
- Start number 67 was manually annotated 41 times for cluster A1.
- Start number 71 was manually annotated 1 time for cluster A1.
- Start number 77 was manually annotated 1 time for cluster A1.
- Start number 79 was manually annotated 4 times for cluster A1.
- Start number 80 was manually annotated 1 time for cluster A1.
- Start number 82 was manually annotated 3 times for cluster A1.
- Start number 83 was manually annotated 4 times for cluster A1.
- Start number 84 was manually annotated 29 times for cluster A1.
- Start number 85 was manually annotated 8 times for cluster A1.
- Start number 88 was manually annotated 25 times for cluster A1.
- Start number 102 was manually annotated 12 times for cluster A1.
- Start number 105 was manually annotated 1 time for cluster A1.
- Start number 112 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:

- Start number 24 was manually annotated 1 time for cluster A10.
- Start number 57 was manually annotated 15 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 77 was manually annotated 22 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 74 was manually annotated 1 time for cluster A12.
- Start number 77 was manually annotated 1 time for cluster A12.
- Start number 81 was manually annotated 2 times for cluster A12.
- Start number 82 was manually annotated 1 time for cluster A12.

Info for manual annotations of cluster A14:

- Start number 77 was manually annotated 4 times for cluster A14.

Info for manual annotations of cluster A15:

- Start number 77 was manually annotated 18 times for cluster A15.
- Start number 91 was manually annotated 1 time for cluster A15.
- Start number 99 was manually annotated 2 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 77 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 91 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 82 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 75 was manually annotated 2 times for cluster A2.
- Start number 77 was manually annotated 76 times for cluster A2.
- Start number 79 was manually annotated 2 times for cluster A2.
- Start number 82 was manually annotated 4 times for cluster A2.
- Start number 87 was manually annotated 13 times for cluster A2.
- Start number 89 was manually annotated 2 times for cluster A2.
- Start number 90 was manually annotated 1 time for cluster A2.

Info for manual annotations of cluster A20:

- Start number 79 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A3:

- Start number 79 was manually annotated 31 times for cluster A3.
- Start number 91 was manually annotated 75 times for cluster A3.
- Start number 99 was manually annotated 4 times for cluster A3.
- Start number 128 was manually annotated 1 time for cluster A3.

Info for manual annotations of cluster A4:

- Start number 82 was manually annotated 135 times for cluster A4.

Info for manual annotations of cluster A5:

- Start number 86 was manually annotated 37 times for cluster A5.

Info for manual annotations of cluster A6:

- Start number 82 was manually annotated 39 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 62 was manually annotated 1 time for cluster A7.
- Start number 73 was manually annotated 3 times for cluster A7.
- Start number 82 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:

- Start number 81 was manually annotated 10 times for cluster A8.
- Start number 102 was manually annotated 1 time for cluster A8.

Info for manual annotations of cluster A9:

- Start number 77 was manually annotated 31 times for cluster A9.
- Start number 82 was manually annotated 1 time for cluster A9.

Info for manual annotations of cluster BF:

- Start number 51 was manually annotated 3 times for cluster BF.
- Start number 55 was manually annotated 2 times for cluster BF.

- Start number 93 was manually annotated 14 times for cluster BF.
- Start number 98 was manually annotated 2 times for cluster BF.

Info for manual annotations of cluster CA:

- Start number 86 was manually annotated 35 times for cluster CA.
- Start number 109 was manually annotated 1 time for cluster CA.

Gene Information:

Gene: 20ES_75 Start: 44462, Stop: 43566, Start Num: 77

Candidate Starts for 20ES_75:

(Start: 77 @44462 has 159 MA's), (Start: 102 @44396 has 13 MA's), (Start: 105 @44366 has 1 MA's), (121, 44291), (Start: 128 @44273 has 1 MA's), (170, 44051), (176, 44009), (195, 43919), (234, 43757),

Gene: 40AC_72 Start: 44881, Stop: 44066, Start Num: 77

Candidate Starts for 40AC_72:

(Start: 77 @44881 has 159 MA's), (Start: 102 @44812 has 13 MA's), (Start: 105 @44782 has 1 MA's), (Start: 128 @44689 has 1 MA's), (167, 44482), (201, 44392), (234, 44260),

Gene: A6_61 Start: 41484, Stop: 40684, Start Num: 88

Candidate Starts for A6_61:

(70, 41502), (Start: 88 @41484 has 25 MA's), (103, 41406), (Start: 105 @41388 has 1 MA's), (Start: 112 @41337 has 1 MA's), (119, 41322), (154, 41136), (165, 41091), (199, 41001), (201, 40995), (211, 40974), (219, 40923), (234, 40863), (250, 40782), (256, 40716), (257, 40710), (260, 40692),

Gene: ACFishhook_74 Start: 43938, Stop: 43123, Start Num: 91

Candidate Starts for ACFishhook_74:

(Start: 91 @43938 has 77 MA's), (Start: 105 @43848 has 1 MA's), (Start: 128 @43755 has 1 MA's), (134, 43731), (142, 43686), (193, 43485), (199, 43461), (217, 43386), (234, 43317), (236, 43299), (256, 43155), (260, 43131),

Gene: AFIS_65 Start: 43242, Stop: 42508, Start Num: 102

Candidate Starts for AFIS_65:

(50, 43356), (52, 43353), (54, 43350), (Start: 102 @43242 has 13 MA's), (Start: 112 @43161 has 1 MA's), (119, 43146), (154, 42960), (199, 42825), (201, 42819), (208, 42804), (219, 42747), (222, 42732), (232, 42696), (234, 42687), (250, 42606), (256, 42540), (257, 42534), (260, 42516),

Gene: AN3_75 Start: 43243, Stop: 42332, Start Num: 77

Candidate Starts for AN3_75:

(Start: 77 @43243 has 159 MA's), (Start: 102 @43165 has 13 MA's), (Start: 105 @43135 has 1 MA's), (Start: 128 @43042 has 1 MA's), (167, 42835), (170, 42820), (176, 42778), (195, 42688), (234, 42526),

Gene: AN9_76 Start: 44381, Stop: 43506, Start Num: 87

Candidate Starts for AN9_76:

(Start: 87 @44381 has 13 MA's), (Start: 99 @44351 has 6 MA's), (Start: 102 @44318 has 13 MA's), (Start: 105 @44288 has 1 MA's), (118, 44219), (126, 44201), (134, 44171), (138, 44144), (167, 43988), (187, 43943), (199, 43838), (201, 43832), (219, 43760), (223, 43739), (234, 43697), (253, 43580), (256, 43535),

Gene: ANI8_76 Start: 44381, Stop: 43506, Start Num: 87

Candidate Starts for ANI8_76:

(Start: 87 @44381 has 13 MA's), (Start: 99 @44351 has 6 MA's), (Start: 102 @44318 has 13 MA's), (Start: 105 @44288 has 1 MA's), (118, 44219), (126, 44201), (134, 44171), (138, 44144), (167, 43988), (187, 43943), (199, 43838), (201, 43832), (219, 43760), (223, 43739), (234, 43697), (253, 43580), (256, 43535),

Gene: AbbyPaige_75 Start: 44715, Stop: 43816, Start Num: 77

Candidate Starts for AbbyPaige_75:

(Start: 77 @44715 has 159 MA's), (Start: 90 @44703 has 1 MA's), (Start: 102 @44646 has 13 MA's), (Start: 105 @44616 has 1 MA's), (Start: 128 @44523 has 1 MA's), (140, 44463), (167, 44316), (170, 44301), (173, 44268), (176, 44259), (199, 44148), (234, 44007), (256, 43845),

Gene: AbbysRanger_67 Start: 43448, Stop: 42657, Start Num: 82

Candidate Starts for AbbysRanger_67:

(Start: 82 @43448 has 185 MA's), (Start: 99 @43421 has 6 MA's), (125, 43274), (134, 43250), (194, 43004), (199, 42980), (219, 42902), (234, 42839), (256, 42689),

Gene: Abbysshoes_71 Start: 44628, Stop: 43804, Start Num: 63

Candidate Starts for Abbysshoes_71:

(47, 44661), (Start: 63 @44628 has 40 MA's), (Start: 77 @44610 has 159 MA's), (103, 44526), (Start: 105 @44508 has 1 MA's), (Start: 112 @44457 has 1 MA's), (119, 44442), (154, 44256), (165, 44211), (199, 44121), (201, 44115), (208, 44100), (219, 44043), (222, 44028), (232, 43992), (234, 43983), (250, 43902), (256, 43836), (257, 43830), (260, 43812),

Gene: Abdiel_68 Start: 43171, Stop: 42380, Start Num: 82

Candidate Starts for Abdiel_68:

(Start: 82 @43171 has 185 MA's), (Start: 99 @43144 has 6 MA's), (125, 42997), (134, 42973), (164, 42796), (192, 42730), (199, 42703), (208, 42682), (219, 42625), (220, 42616), (234, 42562), (256, 42412),

Gene: Abrogate_690 Start: 45556, Stop: 44732, Start Num: 63

Candidate Starts for Abrogate_690:

(Start: 63 @45556 has 40 MA's), (Start: 77 @45538 has 159 MA's), (103, 45454), (Start: 105 @45436 has 1 MA's), (Start: 112 @45385 has 1 MA's), (119, 45370), (154, 45184), (165, 45139), (199, 45049), (201, 45043), (208, 45028), (219, 44971), (222, 44956), (232, 44920), (234, 44911), (250, 44830), (256, 44764), (257, 44758), (260, 44740),

Gene: Achebe_66 Start: 43431, Stop: 42640, Start Num: 82

Candidate Starts for Achebe_66:

(Start: 82 @43431 has 185 MA's), (Start: 99 @43404 has 6 MA's), (125, 43257), (134, 43233), (194, 42987), (199, 42963), (219, 42885), (234, 42822), (256, 42672),

Gene: Acme_72 Start: 45250, Stop: 44432, Start Num: 67

Candidate Starts for Acme_72:

(40, 45313), (Start: 67 @45250 has 41 MA's), (Start: 77 @45238 has 159 MA's), (103, 45154), (Start: 105 @45136 has 1 MA's), (Start: 112 @45085 has 1 MA's), (119, 45070), (154, 44884), (165, 44839), (199, 44749), (201, 44743), (208, 44728), (219, 44671), (222, 44656), (232, 44620), (234, 44611), (250, 44530), (256, 44464), (257, 44458), (260, 44440),

Gene: Acolyte_64 Start: 42384, Stop: 41575, Start Num: 79

Candidate Starts for Acolyte_64:

(Start: 79 @42384 has 38 MA's), (95, 42369), (Start: 102 @42321 has 13 MA's), (Start: 105 @42291 has 1 MA's), (Start: 128 @42198 has 1 MA's), (201, 41901), (222, 41814), (223, 41808), (234, 41766), (250, 41673), (256, 41604),

Gene: Adahisdi_67 Start: 44799, Stop: 43981, Start Num: 65

Candidate Starts for Adahisdi_67:

(Start: 55 @44817 has 8 MA's), (59, 44808), (Start: 65 @44799 has 6 MA's), (Start: 77 @44787 has 159 MA's), (Start: 105 @44685 has 1 MA's), (Start: 112 @44634 has 1 MA's), (119, 44619), (154, 44433), (165, 44388), (199, 44298), (201, 44292), (208, 44277), (211, 44271), (219, 44220), (222, 44205), (232, 44169), (234, 44160), (250, 44079), (256, 44013), (257, 44007), (260, 43989),

Gene: Adzzy_78 Start: 44166, Stop: 43273, Start Num: 77

Candidate Starts for Adzzy_78:

(Start: 77 @44166 has 159 MA's), (95, 44145), (100, 44121), (Start: 102 @44097 has 13 MA's), (Start: 105 @44067 has 1 MA's), (107, 44043), (114, 44007), (Start: 128 @43974 has 1 MA's), (167, 43767), (181, 43659), (201, 43599), (234, 43464), (256, 43302),

Gene: Aeneas_71 Start: 45587, Stop: 44784, Start Num: 82

Candidate Starts for Aeneas_71:

(23, 45746), (Start: 82 @45587 has 185 MA's), (Start: 85 @45584 has 8 MA's), (103, 45506), (Start: 105 @45488 has 1 MA's), (Start: 112 @45437 has 1 MA's), (119, 45422), (154, 45236), (165, 45191), (199, 45101), (201, 45095), (208, 45080), (211, 45074), (219, 45023), (222, 45008), (232, 44972), (234, 44963), (250, 44882), (256, 44816), (257, 44810), (260, 44792),

Gene: Agaliana_64 Start: 41294, Stop: 40482, Start Num: 84

Candidate Starts for Agaliana_64:

(47, 41351), (Start: 84 @41294 has 29 MA's), (Start: 102 @41225 has 13 MA's), (Start: 112 @41144 has 1 MA's), (119, 41129), (131, 41093), (134, 41069), (150, 40967), (154, 40934), (165, 40889), (187, 40838), (199, 40799), (210, 40775), (219, 40721), (234, 40661), (250, 40580), (256, 40514), (257, 40508), (260, 40490),

Gene: Agape74_75 Start: 44710, Stop: 43811, Start Num: 77

Candidate Starts for Agape74_75:

(Start: 77 @44710 has 159 MA's), (Start: 90 @44698 has 1 MA's), (Start: 102 @44641 has 13 MA's), (Start: 105 @44611 has 1 MA's), (Start: 128 @44518 has 1 MA's), (140, 44458), (167, 44311), (170, 44296), (173, 44263), (176, 44254), (199, 44143), (234, 44002), (256, 43840),

Gene: AgentM_67 Start: 42717, Stop: 41902, Start Num: 86

Candidate Starts for AgentM_67:

(Start: 86 @42717 has 72 MA's), (117, 42564), (125, 42543), (140, 42483), (144, 42462), (202, 42240), (219, 42144), (224, 42120), (230, 42102), (242, 42048), (246, 42024), (247, 42015), (256, 41934), (260, 41910),

Gene: Aglet_78 Start: 44050, Stop: 43235, Start Num: 91

Candidate Starts for Aglet_78:

(19, 44230), (Start: 91 @44050 has 77 MA's), (Start: 99 @44023 has 6 MA's), (Start: 128 @43867 has 1 MA's), (134, 43843), (138, 43816), (142, 43798), (193, 43597), (199, 43573), (208, 43549), (234, 43429), (236, 43411), (242, 43381), (256, 43267), (260, 43243),

Gene: AgronaGT15_74 Start: 43898, Stop: 43083, Start Num: 91

Candidate Starts for AgronaGT15_74:

(19, 44078), (Start: 91 @43898 has 77 MA's), (Start: 99 @43871 has 6 MA's), (Start: 128 @43715 has 1 MA's), (134, 43691), (138, 43664), (142, 43646), (193, 43445), (199, 43421), (208, 43397), (234,

43277), (236, 43259), (242, 43229), (256, 43115), (260, 43091),

Gene: Airmid_70 Start: 43550, Stop: 42735, Start Num: 86

Candidate Starts for Airmid_70:

(38, 43637), (Start: 86 @43550 has 72 MA's), (Start: 105 @43460 has 1 MA's), (117, 43397), (123, 43379), (125, 43376), (140, 43316), (144, 43295), (153, 43226), (195, 43103), (202, 43073), (206, 43037), (211, 43028), (219, 42977), (220, 42968), (224, 42953), (229, 42938), (242, 42881), (246, 42857), (247, 42848), (256, 42767), (260, 42743),

Gene: Ajay_68 Start: 44055, Stop: 43234, Start Num: 67

Candidate Starts for Ajay_68:

(33, 44139), (Start: 67 @44055 has 41 MA's), (Start: 77 @44043 has 159 MA's), (103, 43956), (Start: 105 @43938 has 1 MA's), (110, 43896), (Start: 112 @43887 has 1 MA's), (119, 43872), (154, 43686), (165, 43641), (199, 43551), (201, 43545), (208, 43530), (211, 43524), (219, 43473), (222, 43458), (232, 43422), (234, 43413), (250, 43332), (256, 43266), (257, 43260), (260, 43242),

Gene: Alatin_55 Start: 39421, Stop: 38612, Start Num: 86

Candidate Starts for Alatin_55:

(Start: 86 @39421 has 72 MA's), (95, 39409), (107, 39307), (Start: 109 @39301 has 1 MA's), (125, 39247), (132, 39232), (150, 39121), (152, 39103), (214, 38896), (230, 38824), (231, 38821), (234, 38806), (250, 38725), (256, 38656), (257, 38650),

Gene: Albee_68 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Albee_68:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Alberto7_69 Start: 43495, Stop: 42704, Start Num: 82

Candidate Starts for Alberto7_69:

(15, 43708), (Start: 82 @43495 has 185 MA's), (Start: 99 @43468 has 6 MA's), (125, 43321), (134, 43297), (164, 43120), (192, 43054), (199, 43027), (208, 43006), (219, 42949), (220, 42940), (234, 42886), (256, 42736),

Gene: Aliter_76 Start: 43724, Stop: 42882, Start Num: 77

Candidate Starts for Aliter_76:

(Start: 77 @43724 has 159 MA's), (Start: 82 @43718 has 185 MA's), (Start: 102 @43655 has 13 MA's), (Start: 105 @43625 has 1 MA's), (116, 43562), (159, 43346), (199, 43214), (200, 43211), (201, 43208), (221, 43121), (234, 43073), (256, 42911),

Gene: Alma_73 Start: 43701, Stop: 42859, Start Num: 77

Candidate Starts for Alma_73:

(68, 43710), (Start: 77 @43701 has 159 MA's), (Start: 102 @43632 has 13 MA's), (Start: 105 @43602 has 1 MA's), (116, 43539), (159, 43323), (199, 43191), (200, 43188), (201, 43185), (221, 43098), (234, 43050), (256, 42888),

Gene: Alpacados_55 Start: 39314, Stop: 38505, Start Num: 86

Candidate Starts for Alpacados_55:

(Start: 86 @39314 has 72 MA's), (95, 39302), (101, 39266), (107, 39200), (Start: 109 @39194 has 1 MA's), (125, 39140), (132, 39125), (150, 39014), (214, 38789), (219, 38762), (230, 38717), (231, 38714), (234, 38699), (250, 38618), (256, 38549),

Gene: Alsfro_74 Start: 44187, Stop: 43378, Start Num: 88

Candidate Starts for Alsfro_74:

(23, 44349), (Start: 84 @44190 has 29 MA's), (Start: 88 @44187 has 25 MA's), (Start: 102 @44121 has 13 MA's), (Start: 112 @44040 has 1 MA's), (119, 44025), (131, 43989), (134, 43965), (150, 43863), (154, 43830), (165, 43785), (187, 43734), (199, 43695), (210, 43671), (219, 43617), (234, 43557), (250, 43476), (256, 43410), (257, 43404), (260, 43386),

Gene: Altman_71 Start: 44136, Stop: 43333, Start Num: 84

Candidate Starts for Altman_71:

(48, 44193), (Start: 84 @44136 has 29 MA's), (Start: 105 @44037 has 1 MA's), (Start: 112 @43986 has 1 MA's), (119, 43971), (154, 43785), (165, 43740), (199, 43650), (201, 43644), (208, 43629), (219, 43572), (222, 43557), (232, 43521), (234, 43512), (250, 43431), (256, 43365), (257, 43359), (260, 43341),

Gene: Alvin_69 Start: 44268, Stop: 43450, Start Num: 67

Candidate Starts for Alvin_69:

(Start: 57 @44286 has 17 MA's), (Start: 67 @44268 has 41 MA's), (Start: 77 @44256 has 159 MA's), (103, 44172), (Start: 105 @44154 has 1 MA's), (Start: 112 @44103 has 1 MA's), (119, 44088), (154, 43902), (165, 43857), (199, 43767), (201, 43761), (208, 43746), (211, 43740), (219, 43689), (222, 43674), (234, 43629), (250, 43548), (256, 43482), (257, 43476), (260, 43458),

Gene: Anaysia_82 Start: 44975, Stop: 44127, Start Num: 77

Candidate Starts for Anaysia_82:

(Start: 77 @44975 has 159 MA's), (Start: 82 @44969 has 185 MA's), (Start: 99 @44927 has 6 MA's), (Start: 102 @44894 has 13 MA's), (Start: 105 @44864 has 1 MA's), (Start: 128 @44771 has 1 MA's), (185, 44507), (200, 44459), (223, 44360), (224, 44357), (234, 44318),

Gene: Aneem_77 Start: 44375, Stop: 43560, Start Num: 77

Candidate Starts for Aneem_77:

(Start: 77 @44375 has 159 MA's), (106, 44270), (Start: 112 @44225 has 1 MA's), (Start: 128 @44183 has 1 MA's), (133, 44165), (150, 44057), (201, 43886), (219, 43814), (223, 43793), (234, 43754), (256, 43592),

Gene: Anglerfish_70 Start: 44466, Stop: 43663, Start Num: 84

Candidate Starts for Anglerfish_70:

(48, 44523), (Start: 84 @44466 has 29 MA's), (103, 44385), (Start: 105 @44367 has 1 MA's), (Start: 112 @44316 has 1 MA's), (119, 44301), (154, 44115), (165, 44070), (199, 43980), (201, 43974), (208, 43959), (211, 43953), (219, 43902), (222, 43887), (232, 43851), (234, 43842), (250, 43761), (256, 43695), (257, 43689), (260, 43671),

Gene: AngryOrchard_53 Start: 39474, Stop: 38665, Start Num: 86

Candidate Starts for AngryOrchard_53:

(Start: 86 @39474 has 72 MA's), (95, 39462), (101, 39426), (107, 39360), (Start: 109 @39354 has 1 MA's), (125, 39300), (132, 39285), (150, 39174), (214, 38949), (230, 38877), (231, 38874), (234, 38859), (250, 38778), (257, 38703),

Gene: AnnaL29_73 Start: 44675, Stop: 43767, Start Num: 77

Candidate Starts for AnnaL29_73:

(15, 44906), (22, 44810), (Start: 77 @44675 has 159 MA's), (Start: 102 @44606 has 13 MA's), (Start: 105 @44576 has 1 MA's), (Start: 128 @44483 has 1 MA's), (169, 44264), (175, 44222), (187, 44150), (200, 44096), (201, 44093), (223, 44000), (226, 43988), (234, 43958),

Gene: Annyong_67 Start: 43203, Stop: 42412, Start Num: 82

Candidate Starts for Annyong_67:

(15, 43416), (Start: 82 @43203 has 185 MA's), (Start: 99 @43176 has 6 MA's), (125, 43029), (134, 43005), (164, 42828), (192, 42762), (199, 42735), (208, 42714), (219, 42657), (220, 42648), (234, 42594), (256, 42444),

Gene: Anon_78 Start: 44306, Stop: 43425, Start Num: 91

Candidate Starts for Anon_78:

(Start: 91 @44306 has 77 MA's), (101, 44255), (Start: 102 @44243 has 13 MA's), (Start: 105 @44213 has 1 MA's), (107, 44189), (Start: 128 @44120 has 1 MA's), (144, 44039), (149, 44003), (223, 43661), (228, 43643), (234, 43619), (256, 43457),

Gene: Anselm_75 Start: 44777, Stop: 43959, Start Num: 77

Candidate Starts for Anselm_75:

(2, 45116), (6, 45089), (7, 45086), (10, 45077), (Start: 77 @44777 has 159 MA's), (Start: 102 @44705 has 13 MA's), (Start: 105 @44675 has 1 MA's), (Start: 128 @44582 has 1 MA's), (222, 44198), (223, 44192), (234, 44150), (238, 44120),

Gene: Anthony_71 Start: 43826, Stop: 43002, Start Num: 79

Candidate Starts for Anthony_71:

(Start: 64 @43844 has 3 MA's), (Start: 79 @43826 has 38 MA's), (Start: 105 @43718 has 1 MA's), (Start: 112 @43667 has 1 MA's), (116, 43655), (Start: 128 @43625 has 1 MA's), (133, 43607), (134, 43601), (146, 43529), (154, 43466), (201, 43334), (220, 43250), (223, 43238), (234, 43196), (256, 43034),

Gene: Anubis_80 Start: 43936, Stop: 43121, Start Num: 91

Candidate Starts for Anubis_80:

(19, 44116), (Start: 91 @43936 has 77 MA's), (Start: 99 @43909 has 6 MA's), (Start: 128 @43753 has 1 MA's), (134, 43729), (138, 43702), (142, 43684), (193, 43483), (199, 43459), (208, 43435), (234, 43315), (236, 43297), (242, 43267), (256, 43153), (260, 43129),

Gene: AppleCloud_53 Start: 39136, Stop: 38330, Start Num: 86

Candidate Starts for AppleCloud_53:

(Start: 86 @39136 has 72 MA's), (95, 39127), (101, 39091), (Start: 105 @39049 has 1 MA's), (107, 39025), (Start: 109 @39019 has 1 MA's), (125, 38965), (132, 38950), (150, 38839), (180, 38731), (214, 38614), (219, 38587), (230, 38542), (231, 38539), (234, 38524), (250, 38443), (257, 38368),

Gene: Applejack_70 Start: 42883, Stop: 42059, Start Num: 63

Candidate Starts for Applejack_70:

(Start: 63 @42883 has 40 MA's), (Start: 77 @42865 has 159 MA's), (103, 42781), (Start: 105 @42763 has 1 MA's), (Start: 112 @42712 has 1 MA's), (119, 42697), (154, 42511), (165, 42466), (199, 42376), (201, 42370), (208, 42355), (211, 42349), (219, 42298), (222, 42283), (232, 42247), (234, 42238), (250, 42157), (256, 42091), (257, 42085), (260, 42067),

Gene: Aragog_67 Start: 42737, Stop: 41922, Start Num: 86

Candidate Starts for Aragog_67:

(Start: 86 @42737 has 72 MA's), (117, 42584), (125, 42563), (140, 42503), (144, 42482), (202, 42260), (219, 42164), (224, 42140), (230, 42122), (242, 42068), (246, 42044), (247, 42035), (256, 41954), (260, 41930),

Gene: Arcanine_72 Start: 45190, Stop: 44387, Start Num: 84

Candidate Starts for Arcanine_72:

(48, 45247), (Start: 84 @45190 has 29 MA's), (103, 45109), (Start: 105 @45091 has 1 MA's), (Start: 112 @45040 has 1 MA's), (119, 45025), (154, 44839), (165, 44794), (199, 44704), (201, 44698), (208, 44683), (211, 44677), (219, 44626), (222, 44611), (232, 44575), (234, 44566), (250, 44485), (256,

44419), (257, 44413), (260, 44395),

Gene: ArcherNM_67 Start: 43936, Stop: 43034, Start Num: 77

Candidate Starts for ArcherNM_67:

(Start: 77 @43936 has 159 MA's), (Start: 102 @43867 has 13 MA's), (Start: 105 @43837 has 1 MA's), (Start: 128 @43744 has 1 MA's), (140, 43684), (167, 43537), (171, 43507), (188, 43402), (195, 43387), (199, 43366), (223, 43267), (224, 43264), (234, 43225), (254, 43096), (256, 43063),

Gene: Archetta_65 Start: 42683, Stop: 41868, Start Num: 86

Candidate Starts for Archetta_65:

(Start: 86 @42683 has 72 MA's), (Start: 105 @42593 has 1 MA's), (Start: 112 @42542 has 1 MA's), (113, 42539), (125, 42509), (140, 42449), (144, 42428), (195, 42236), (202, 42206), (206, 42170), (219, 42110), (220, 42101), (224, 42086), (229, 42071), (242, 42014), (246, 41990), (247, 41981), (260, 41876),

Gene: Arissanae_72 Start: 44022, Stop: 43186, Start Num: 77

Candidate Starts for Arissanae_72:

(Start: 77 @44022 has 159 MA's), (Start: 99 @43992 has 6 MA's), (Start: 102 @43959 has 13 MA's), (Start: 105 @43929 has 1 MA's), (Start: 112 @43878 has 1 MA's), (114, 43869), (Start: 128 @43836 has 1 MA's), (153, 43686), (200, 43515), (201, 43512), (208, 43494), (220, 43428), (221, 43425), (223, 43416), (234, 43377), (242, 43329), (246, 43305),

Gene: Arlo_67 Start: 43620, Stop: 42820, Start Num: 83

Candidate Starts for Arlo_67:

(Start: 83 @43620 has 4 MA's), (103, 43542), (Start: 105 @43524 has 1 MA's), (Start: 112 @43473 has 1 MA's), (119, 43458), (154, 43272), (165, 43227), (199, 43137), (201, 43131), (208, 43116), (211, 43110), (219, 43059), (222, 43044), (232, 43008), (234, 42999), (250, 42918), (256, 42852), (257, 42846), (260, 42828),

Gene: Artemis2UCLA_75 Start: 42931, Stop: 42110, Start Num: 82

Candidate Starts for Artemis2UCLA_75:

(17, 43144), (Start: 82 @42931 has 185 MA's), (Start: 102 @42868 has 13 MA's), (Start: 105 @42838 has 1 MA's), (126, 42751), (Start: 128 @42745 has 1 MA's), (134, 42721), (187, 42493), (219, 42364), (223, 42343), (224, 42340), (226, 42331), (234, 42304), (256, 42142),

Gene: Arturo_65 Start: 43285, Stop: 42494, Start Num: 82

Candidate Starts for Arturo_65:

(15, 43498), (Start: 82 @43285 has 185 MA's), (Start: 99 @43258 has 6 MA's), (125, 43111), (134, 43087), (164, 42910), (192, 42844), (199, 42817), (208, 42796), (219, 42739), (220, 42730), (234, 42676), (256, 42526),

Gene: Ashballer_73 Start: 45670, Stop: 44852, Start Num: 67

Candidate Starts for Ashballer_73:

(61, 45679), (Start: 67 @45670 has 41 MA's), (Start: 77 @45658 has 159 MA's), (103, 45574), (Start: 105 @45556 has 1 MA's), (Start: 112 @45505 has 1 MA's), (119, 45490), (154, 45304), (165, 45259), (199, 45169), (201, 45163), (208, 45148), (211, 45142), (219, 45091), (222, 45076), (232, 45040), (234, 45031), (250, 44950), (256, 44884), (257, 44878), (260, 44860),

Gene: Astro_82 Start: 45252, Stop: 44449, Start Num: 81

Candidate Starts for Astro_82:

(Start: 81 @45252 has 12 MA's), (Start: 102 @45189 has 13 MA's), (113, 45105), (124, 45078), (140, 45018), (154, 44919), (181, 44838), (188, 44820), (201, 44778), (207, 44760), (209, 44757), (223, 44685), (224, 44682), (234, 44643), (246, 44571), (250, 44550), (260, 44457),

Gene: Atkinbua_73 Start: 44138, Stop: 43338, Start Num: 88

Candidate Starts for Atkinbua_73:

(Start: 88 @44138 has 25 MA's), (103, 44060), (Start: 105 @44042 has 1 MA's), (Start: 112 @43991 has 1 MA's), (119, 43976), (154, 43790), (165, 43745), (199, 43655), (201, 43649), (208, 43634), (219, 43577), (232, 43526), (234, 43517), (250, 43436), (252, 43424), (256, 43370), (257, 43364), (260, 43346),

Gene: AugsMagnumOpus_80 Start: 44041, Stop: 43226, Start Num: 91

Candidate Starts for AugsMagnumOpus_80:

(19, 44221), (Start: 91 @44041 has 77 MA's), (Start: 99 @44014 has 6 MA's), (Start: 128 @43858 has 1 MA's), (134, 43834), (138, 43807), (142, 43789), (193, 43588), (199, 43564), (208, 43540), (234, 43420), (236, 43402), (242, 43372), (256, 43258), (260, 43234),

Gene: AvatarAhPeg_67 Start: 43317, Stop: 42526, Start Num: 82

Candidate Starts for AvatarAhPeg_67:

(Start: 82 @43317 has 185 MA's), (Start: 99 @43290 has 6 MA's), (125, 43143), (194, 42873), (199, 42849), (208, 42828), (219, 42771), (220, 42762), (234, 42708), (256, 42558),

Gene: Avle17_68 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Avle17_68:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: B1_63 Start: 41854, Stop: 41057, Start Num: 79

Candidate Starts for B1_63:

(32, 41926), (Start: 79 @41854 has 38 MA's), (103, 41779), (199, 41383), (219, 41299), (234, 41239), (256, 41089), (260, 41065),

Gene: BABullseye_69 Start: 41571, Stop: 40744, Start Num: 82

Candidate Starts for BABullseye_69:

(Start: 82 @41571 has 185 MA's), (97, 41541), (Start: 102 @41499 has 13 MA's), (Start: 105 @41469 has 1 MA's), (Start: 112 @41418 has 1 MA's), (126, 41382), (134, 41352), (140, 41316), (152, 41232), (187, 41124), (200, 41070), (201, 41067), (219, 40995), (223, 40974), (224, 40971), (234, 40935), (256, 40773),

Gene: BK1_61 Start: 41484, Stop: 40684, Start Num: 88

Candidate Starts for BK1_61:

(70, 41502), (Start: 88 @41484 has 25 MA's), (103, 41406), (Start: 105 @41388 has 1 MA's), (Start: 112 @41337 has 1 MA's), (119, 41322), (154, 41136), (165, 41091), (199, 41001), (201, 40995), (211, 40974), (219, 40923), (234, 40863), (250, 40782), (256, 40716), (257, 40710), (260, 40692),

Gene: BPBiabs31_72 Start: 44726, Stop: 43926, Start Num: 88

Candidate Starts for BPBiabs31_72:

(Start: 88 @44726 has 25 MA's), (103, 44648), (Start: 105 @44630 has 1 MA's), (Start: 112 @44579 has 1 MA's), (119, 44564), (154, 44378), (165, 44333), (199, 44243), (201, 44237), (208, 44222), (219, 44165), (222, 44150), (232, 44114), (234, 44105), (250, 44024), (256, 43958), (257, 43952), (260, 43934),

Gene: Baby16_68 Start: 43169, Stop: 42378, Start Num: 82

Candidate Starts for Baby16_68:

(Start: 82 @43169 has 185 MA's), (Start: 99 @43142 has 6 MA's), (125, 42995), (134, 42971), (164, 42794), (192, 42728), (199, 42701), (208, 42680), (219, 42623), (220, 42614), (234, 42560), (256, 42410),

Gene: BabyBack_68 Start: 44371, Stop: 43559, Start Num: 77

Candidate Starts for BabyBack_68:

(Start: 77 @44371 has 159 MA's), (Start: 105 @44272 has 1 MA's), (107, 44248), (Start: 128 @44179 has 1 MA's), (195, 43909), (200, 43885), (201, 43882), (226, 43777), (228, 43771), (234, 43750), (256, 43588),

Gene: BabyRay_72 Start: 43610, Stop: 42816, Start Num: 79

Candidate Starts for BabyRay_72:

(32, 43682), (Start: 79 @43610 has 38 MA's), (194, 43166), (195, 43163), (199, 43142), (219, 43058), (234, 42998), (256, 42848),

Gene: Bachome_74 Start: 43254, Stop: 42439, Start Num: 77

Candidate Starts for Bachome_74:

(Start: 77 @43254 has 159 MA's), (106, 43149), (Start: 112 @43104 has 1 MA's), (Start: 128 @43062 has 1 MA's), (133, 43044), (138, 43011), (140, 43002), (150, 42936), (201, 42765), (219, 42693), (223, 42672), (234, 42633), (256, 42471),

Gene: Backyardigan_65 Start: 43464, Stop: 42673, Start Num: 82

Candidate Starts for Backyardigan_65:

(Start: 82 @43464 has 185 MA's), (Start: 99 @43437 has 6 MA's), (125, 43290), (134, 43266), (194, 43020), (199, 42996), (219, 42918), (234, 42855), (256, 42705),

Gene: BaconJack_74 Start: 47015, Stop: 46191, Start Num: 63

Candidate Starts for BaconJack_74:

(47, 47048), (Start: 63 @47015 has 40 MA's), (Start: 77 @46997 has 159 MA's), (103, 46913), (Start: 105 @46895 has 1 MA's), (Start: 112 @46844 has 1 MA's), (119, 46829), (154, 46643), (165, 46598), (199, 46508), (201, 46502), (208, 46487), (211, 46481), (219, 46430), (222, 46415), (232, 46379), (234, 46370), (242, 46334), (250, 46289), (256, 46223), (257, 46217), (260, 46199),

Gene: Bactobuster_66 Start: 44057, Stop: 43245, Start Num: 82

Candidate Starts for Bactobuster_66:

(44, 44120), (Start: 82 @44057 has 185 MA's), (Start: 88 @44051 has 25 MA's), (Start: 99 @44021 has 6 MA's), (Start: 102 @43988 has 13 MA's), (Start: 105 @43958 has 1 MA's), (Start: 128 @43865 has 1 MA's), (201, 43568), (234, 43436), (251, 43337), (256, 43274),

Gene: Badger_66 Start: 43432, Stop: 42641, Start Num: 82

Candidate Starts for Badger_66:

(Start: 82 @43432 has 185 MA's), (Start: 99 @43405 has 6 MA's), (125, 43258), (134, 43234), (194, 42988), (199, 42964), (219, 42886), (234, 42823), (256, 42673),

Gene: Baehexic_72 Start: 44105, Stop: 43290, Start Num: 77

Candidate Starts for Baehexic_72:

(Start: 77 @44105 has 159 MA's), (Start: 102 @44036 has 13 MA's), (Start: 105 @44006 has 1 MA's), (121, 43931), (Start: 128 @43913 has 1 MA's), (200, 43619), (201, 43616), (234, 43481), (256, 43319),

Gene: BangNhom_66 Start: 43597, Stop: 42806, Start Num: 82

Candidate Starts for BangNhom_66:

(28, 43672), (Start: 82 @43597 has 185 MA's), (Start: 99 @43570 has 6 MA's), (125, 43423), (134, 43399), (164, 43222), (192, 43156), (199, 43129), (208, 43108), (219, 43051), (220, 43042), (234, 42988), (256, 42838),

Gene: Barriga_71 Start: 42784, Stop: 41981, Start Num: 84

Candidate Starts for Barriga_71:

(48, 42841), (Start: 84 @42784 has 29 MA's), (Start: 105 @42685 has 1 MA's), (Start: 112 @42634 has 1 MA's), (119, 42619), (154, 42433), (199, 42298), (201, 42292), (208, 42277), (219, 42220), (232, 42169), (234, 42160), (250, 42079), (256, 42013), (257, 42007), (260, 41989),

Gene: Bartimeaus_68 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Bartimeaus_68:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Battleship_84 Start: 44848, Stop: 44000, Start Num: 77

Candidate Starts for Battleship_84:

(Start: 77 @44848 has 159 MA's), (Start: 82 @44842 has 185 MA's), (Start: 99 @44800 has 6 MA's), (Start: 102 @44767 has 13 MA's), (Start: 105 @44737 has 1 MA's), (Start: 128 @44644 has 1 MA's), (185, 44380), (200, 44332), (223, 44233), (224, 44230), (234, 44191),

Gene: Beatrix_68 Start: 44872, Stop: 44045, Start Num: 65

Candidate Starts for Beatrix_68:

(59, 44881), (Start: 65 @44872 has 6 MA's), (Start: 75 @44860 has 2 MA's), (Start: 102 @44788 has 13 MA's), (Start: 112 @44707 has 1 MA's), (119, 44692), (131, 44656), (134, 44632), (154, 44497), (165, 44452), (187, 44401), (210, 44338), (219, 44284), (234, 44224), (250, 44143), (256, 44077), (257, 44071), (260, 44053),

Gene: Beauxregard13_76 Start: 44053, Stop: 43238, Start Num: 91

Candidate Starts for Beauxregard13_76:

(19, 44233), (Start: 91 @44053 has 77 MA's), (Start: 99 @44026 has 6 MA's), (Start: 128 @43870 has 1 MA's), (134, 43846), (138, 43819), (142, 43801), (193, 43600), (199, 43576), (208, 43552), (234, 43432), (236, 43414), (242, 43384), (256, 43270), (260, 43246),

Gene: Beemo_75 Start: 43742, Stop: 42900, Start Num: 77

Candidate Starts for Beemo_75:

(Start: 77 @43742 has 159 MA's), (Start: 82 @43736 has 185 MA's), (Start: 102 @43673 has 13 MA's), (Start: 105 @43643 has 1 MA's), (116, 43580), (159, 43364), (199, 43232), (200, 43229), (201, 43226), (221, 43139), (234, 43091), (256, 42929),

Gene: BeesKnees_73 Start: 44123, Stop: 43299, Start Num: 63

Candidate Starts for BeesKnees_73:

(47, 44156), (Start: 63 @44123 has 40 MA's), (Start: 77 @44105 has 159 MA's), (103, 44021), (Start: 105 @44003 has 1 MA's), (Start: 112 @43952 has 1 MA's), (119, 43937), (154, 43751), (199, 43616), (201, 43610), (208, 43595), (211, 43589), (219, 43538), (222, 43523), (232, 43487), (234, 43478), (250, 43397), (256, 43331), (257, 43325), (260, 43307),

Gene: Belenaria_57 Start: 39284, Stop: 38478, Start Num: 86

Candidate Starts for Belenaria_57:

(Start: 86 @39284 has 72 MA's), (95, 39275), (101, 39239), (Start: 105 @39197 has 1 MA's), (107, 39173), (Start: 109 @39167 has 1 MA's), (125, 39113), (132, 39098), (150, 38987), (180, 38879), (214, 38762), (219, 38735), (230, 38690), (231, 38687), (234, 38672), (250, 38591), (257, 38516),

Gene: BellusTerra_69 Start: 43198, Stop: 42407, Start Num: 82

Candidate Starts for BellusTerra_69:

(Start: 82 @43198 has 185 MA's), (Start: 99 @43171 has 6 MA's), (125, 43024), (164, 42823), (192, 42757), (199, 42730), (208, 42709), (219, 42652), (220, 42643), (234, 42589), (256, 42439),

Gene: Benedict_71 Start: 43282, Stop: 42467, Start Num: 86

Candidate Starts for Benedict_71:

(38, 43369), (Start: 86 @43282 has 72 MA's), (Start: 105 @43192 has 1 MA's), (125, 43108), (140, 43048), (144, 43027), (153, 42958), (195, 42835), (202, 42805), (206, 42769), (211, 42760), (219, 42709), (220, 42700), (224, 42685), (229, 42670), (242, 42613), (246, 42589), (247, 42580), (256, 42499), (260, 42475),

Gene: BengiVuitton_73 Start: 44412, Stop: 43516, Start Num: 77

Candidate Starts for BengiVuitton_73:

(Start: 77 @44412 has 159 MA's), (Start: 102 @44346 has 13 MA's), (Start: 105 @44316 has 1 MA's), (121, 44241), (Start: 128 @44223 has 1 MA's), (167, 44016), (170, 44001), (176, 43959), (200, 43845), (201, 43842), (234, 43707),

Gene: Benvolio_71 Start: 44009, Stop: 43197, Start Num: 77

Candidate Starts for Benvolio_71:

(Start: 77 @44009 has 159 MA's), (Start: 102 @43943 has 13 MA's), (Start: 105 @43913 has 1 MA's), (Start: 128 @43820 has 1 MA's), (195, 43550), (199, 43529), (222, 43436), (223, 43430), (234, 43388), (238, 43358),

Gene: Bethlehem_70 Start: 45644, Stop: 44844, Start Num: 85

Candidate Starts for Bethlehem_70:

(Start: 85 @45644 has 8 MA's), (103, 45566), (Start: 105 @45548 has 1 MA's), (Start: 112 @45497 has 1 MA's), (154, 45296), (165, 45251), (199, 45161), (201, 45155), (208, 45140), (211, 45134), (219, 45083), (222, 45068), (232, 45032), (234, 45023), (250, 44942), (256, 44876), (257, 44870), (260, 44852),

Gene: Bexan_66 Start: 44663, Stop: 43845, Start Num: 67

Candidate Starts for Bexan_66:

(61, 44672), (Start: 67 @44663 has 41 MA's), (Start: 77 @44651 has 159 MA's), (103, 44567), (Start: 105 @44549 has 1 MA's), (Start: 112 @44498 has 1 MA's), (119, 44483), (154, 44297), (165, 44252), (199, 44162), (201, 44156), (208, 44141), (211, 44135), (219, 44084), (222, 44069), (232, 44033), (234, 44024), (250, 43943), (256, 43877), (257, 43871), (260, 43853),

Gene: BiancaTri92_72 Start: 44375, Stop: 43551, Start Num: 75

Candidate Starts for BiancaTri92_72:

(Start: 75 @44375 has 2 MA's), (Start: 102 @44297 has 13 MA's), (Start: 105 @44267 has 1 MA's), (Start: 128 @44174 has 1 MA's), (234, 43742), (256, 43580),

Gene: Big3_70 Start: 46040, Stop: 45222, Start Num: 71

Candidate Starts for Big3_70:

(Start: 39 @46109 has 1 MA's), (58, 46061), (Start: 71 @46040 has 1 MA's), (76, 46034), (103, 45944), (Start: 105 @45926 has 1 MA's), (Start: 112 @45875 has 1 MA's), (119, 45860), (154, 45674), (180, 45599), (199, 45539), (219, 45461), (234, 45401), (250, 45320), (256, 45254), (257, 45248), (260, 45230),

Gene: BigMau_71 Start: 44534, Stop: 43734, Start Num: 88

Candidate Starts for BigMau_71:

(Start: 88 @44534 has 25 MA's), (103, 44456), (Start: 105 @44438 has 1 MA's), (Start: 112 @44387 has 1 MA's), (119, 44372), (154, 44186), (165, 44141), (199, 44051), (201, 44045), (208, 44030), (211, 44024), (219, 43973), (222, 43958), (232, 43922), (234, 43913), (250, 43832), (256, 43766), (257, 43760), (260, 43742),

Gene: BigPaolini_66 Start: 42233, Stop: 41421, Start Num: 84

Candidate Starts for BigPaolini_66:

(47, 42290), (Start: 84 @42233 has 29 MA's), (Start: 102 @42164 has 13 MA's), (Start: 112 @42083 has 1 MA's), (119, 42068), (131, 42032), (134, 42008), (150, 41906), (154, 41873), (165, 41828), (187, 41777), (199, 41738), (210, 41714), (219, 41660), (222, 41645), (232, 41609), (234, 41600), (250, 41519), (256, 41453), (257, 41447), (260, 41429),

Gene: Bigfoot_63 Start: 43316, Stop: 42513, Start Num: 84

Candidate Starts for Bigfoot_63:

(48, 43373), (Start: 84 @43316 has 29 MA's), (103, 43235), (Start: 105 @43217 has 1 MA's), (Start: 112 @43166 has 1 MA's), (119, 43151), (154, 42965), (165, 42920), (199, 42830), (201, 42824), (208, 42809), (211, 42803), (219, 42752), (222, 42737), (232, 42701), (234, 42692), (250, 42611), (256, 42545), (257, 42539), (260, 42521),

Gene: BillKnuckles_65 Start: 44866, Stop: 44048, Start Num: 67

Candidate Starts for BillKnuckles_65:

(61, 44875), (Start: 67 @44866 has 41 MA's), (Start: 77 @44854 has 159 MA's), (103, 44770), (Start: 105 @44752 has 1 MA's), (Start: 112 @44701 has 1 MA's), (119, 44686), (154, 44500), (165, 44455), (199, 44365), (201, 44359), (208, 44344), (211, 44338), (219, 44287), (222, 44272), (232, 44236), (234, 44227), (250, 44146), (256, 44080), (257, 44074), (260, 44056),

Gene: Bircsak_68 Start: 45589, Stop: 44777, Start Num: 84

Candidate Starts for Bircsak_68:

(47, 45646), (Start: 84 @45589 has 29 MA's), (Start: 102 @45520 has 13 MA's), (Start: 112 @45439 has 1 MA's), (119, 45424), (131, 45388), (134, 45364), (154, 45229), (187, 45133), (210, 45070), (219, 45016), (222, 45001), (232, 44965), (234, 44956), (250, 44875), (256, 44809), (257, 44803), (260, 44785),

Gene: Blackmoor_67 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Blackmoor_67:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Blinn1_80 Start: 44182, Stop: 43361, Start Num: 82

Candidate Starts for Blinn1_80:

(Start: 82 @44182 has 185 MA's), (Start: 102 @44119 has 13 MA's), (Start: 112 @44038 has 1 MA's), (126, 44002), (Start: 128 @43996 has 1 MA's), (134, 43972), (139, 43939), (152, 43852), (200, 43690), (219, 43615), (222, 43600), (223, 43594), (226, 43582), (234, 43555), (242, 43507), (243, 43501), (256, 43393),

Gene: BluSpix_67 Start: 39602, Stop: 38949, Start Num: 112

Candidate Starts for BluSpix_67:

(50, 39797), (52, 39794), (54, 39791), (Start: 102 @39683 has 13 MA's), (Start: 112 @39602 has 1 MA's), (119, 39587), (154, 39401), (165, 39356), (199, 39266), (201, 39260), (208, 39245), (211, 39239), (219, 39188), (222, 39173), (232, 39137), (234, 39128), (250, 39047), (256, 38981), (257, 38975), (260, 38957),

Gene: Blue_69 Start: 44889, Stop: 44065, Start Num: 63

Candidate Starts for Blue_69:

(47, 44922), (Start: 63 @44889 has 40 MA's), (Start: 77 @44871 has 159 MA's), (103, 44787), (Start: 105 @44769 has 1 MA's), (Start: 112 @44718 has 1 MA's), (119, 44703), (154, 44517), (165, 44472), (199, 44382), (201, 44376), (208, 44361), (211, 44355), (219, 44304), (222, 44289), (232, 44253), (234, 44244), (250, 44163), (256, 44097), (257, 44091), (260, 44073),

Gene: Blue7_77 Start: 43151, Stop: 42330, Start Num: 82

Candidate Starts for Blue7_77:

(17, 43364), (Start: 82 @43151 has 185 MA's), (Start: 102 @43088 has 13 MA's), (Start: 105 @43058 has 1 MA's), (126, 42971), (Start: 128 @42965 has 1 MA's), (134, 42941), (187, 42713), (219, 42584), (223, 42563), (224, 42560), (226, 42551), (234, 42524), (256, 42362),

Gene: BlueBird_74 Start: 43681, Stop: 42887, Start Num: 79

Candidate Starts for BlueBird_74:

(Start: 79 @43681 has 38 MA's), (130, 43501), (194, 43237), (222, 43114), (234, 43069), (256, 42919), (260, 42895),

Gene: Bluefalcon_63 Start: 42703, Stop: 41888, Start Num: 86

Candidate Starts for Bluefalcon_63:

(Start: 86 @42703 has 72 MA's), (Start: 105 @42613 has 1 MA's), (Start: 112 @42562 has 1 MA's), (113, 42559), (125, 42529), (140, 42469), (144, 42448), (195, 42256), (202, 42226), (206, 42190), (219, 42130), (220, 42121), (224, 42106), (229, 42091), (242, 42034), (246, 42010), (247, 42001), (260, 41896),

Gene: Bob3_70 Start: 43804, Stop: 43004, Start Num: 88

Candidate Starts for Bob3_70:

(Start: 88 @43804 has 25 MA's), (103, 43726), (Start: 105 @43708 has 1 MA's), (Start: 112 @43657 has 1 MA's), (119, 43642), (154, 43456), (165, 43411), (199, 43321), (201, 43315), (208, 43300), (211, 43294), (219, 43243), (222, 43228), (232, 43192), (234, 43183), (250, 43102), (256, 43036), (257, 43030), (260, 43012),

Gene: BobSwaget_66 Start: 42243, Stop: 41428, Start Num: 77

Candidate Starts for BobSwaget_66:

(Start: 77 @42243 has 159 MA's), (Start: 102 @42174 has 13 MA's), (Start: 105 @42144 has 1 MA's), (Start: 128 @42051 has 1 MA's), (200, 41757), (201, 41754), (222, 41667), (234, 41619), (256, 41457),

Gene: BobbyDazzler_56 Start: 39271, Stop: 38582, Start Num: 109

Candidate Starts for BobbyDazzler_56:

(Start: 86 @39391 has 72 MA's), (95, 39379), (101, 39343), (107, 39277), (Start: 109 @39271 has 1 MA's), (125, 39217), (132, 39202), (150, 39091), (214, 38866), (230, 38794), (231, 38791), (234, 38776), (250, 38695), (256, 38626), (257, 38620),

Gene: BogosyJay_75 Start: 43979, Stop: 43140, Start Num: 77

Candidate Starts for BogosyJay_75:

(25, 44102), (Start: 77 @43979 has 159 MA's), (Start: 99 @43949 has 6 MA's), (Start: 102 @43916 has 13 MA's), (Start: 105 @43886 has 1 MA's), (116, 43823), (Start: 128 @43793 has 1 MA's), (159, 43607), (160, 43604), (187, 43526), (200, 43472), (201, 43469), (223, 43373), (226, 43361), (237, 43307), (250, 43241), (253, 43217), (256, 43172),

Gene: Bombshell_68 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Bombshell_68:

(Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Bonamassa_67 Start: 42909, Stop: 42097, Start Num: 86

Candidate Starts for Bonamassa_67:

(Start: 86 @42909 has 72 MA's), (117, 42756), (125, 42735), (140, 42675), (144, 42654), (202, 42432), (219, 42339), (224, 42315), (230, 42297), (242, 42243), (246, 42219), (247, 42210), (260, 42105),

Gene: Bonanza_57 Start: 39696, Stop: 38887, Start Num: 86

Candidate Starts for Bonanza_57:

(Start: 86 @39696 has 72 MA's), (95, 39684), (101, 39648), (107, 39582), (Start: 109 @39576 has 1 MA's), (125, 39522), (132, 39507), (134, 39498), (150, 39396), (214, 39171), (219, 39144), (230, 39099), (231, 39096), (234, 39081), (250, 39000), (256, 38931),

Gene: Bones_67 Start: 44976, Stop: 44131, Start Num: 56

Candidate Starts for Bones_67:

(Start: 56 @44976 has 1 MA's), (60, 44967), (Start: 65 @44958 has 6 MA's), (Start: 77 @44946 has 159 MA's), (Start: 102 @44874 has 13 MA's), (Start: 112 @44793 has 1 MA's), (119, 44778), (131, 44742), (134, 44718), (150, 44616), (154, 44583), (165, 44538), (187, 44487), (210, 44424), (219, 44370), (234, 44310), (250, 44229), (256, 44163), (257, 44157), (260, 44139),

Gene: Boohoo_82 Start: 44975, Stop: 44127, Start Num: 77

Candidate Starts for Boohoo_82:

(Start: 77 @44975 has 159 MA's), (Start: 82 @44969 has 185 MA's), (Start: 99 @44927 has 6 MA's), (Start: 102 @44894 has 13 MA's), (Start: 105 @44864 has 1 MA's), (Start: 128 @44771 has 1 MA's), (185, 44507), (200, 44459), (223, 44360), (224, 44357), (234, 44318),

Gene: Bowtie_77 Start: 44382, Stop: 43567, Start Num: 77

Candidate Starts for Bowtie_77:

(Start: 77 @44382 has 159 MA's), (106, 44277), (Start: 112 @44232 has 1 MA's), (Start: 128 @44190 has 1 MA's), (133, 44172), (150, 44064), (201, 43893), (219, 43821), (223, 43800), (234, 43761), (256, 43599),

Gene: Bradshaw_56 Start: 39354, Stop: 38545, Start Num: 86

Candidate Starts for Bradshaw_56:

(Start: 86 @39354 has 72 MA's), (95, 39342), (107, 39240), (Start: 109 @39234 has 1 MA's), (125, 39180), (132, 39165), (150, 39054), (152, 39036), (214, 38829), (230, 38757), (231, 38754), (234, 38739), (250, 38658), (256, 38589), (257, 38583),

Gene: BreSam8_77 Start: 44043, Stop: 43228, Start Num: 91

Candidate Starts for BreSam8_77:

(19, 44223), (Start: 91 @44043 has 77 MA's), (Start: 99 @44016 has 6 MA's), (Start: 128 @43860 has 1 MA's), (134, 43836), (138, 43809), (142, 43791), (193, 43590), (199, 43566), (208, 43542), (234, 43422), (236, 43404), (242, 43374), (256, 43260), (260, 43236),

Gene: Briton15_73 Start: 45608, Stop: 44808, Start Num: 85

Candidate Starts for Briton15_73:

(Start: 85 @45608 has 8 MA's), (103, 45530), (Start: 105 @45512 has 1 MA's), (Start: 112 @45461 has 1 MA's), (119, 45446), (154, 45260), (165, 45215), (199, 45125), (201, 45119), (208, 45104), (211, 45098), (219, 45047), (222, 45032), (232, 44996), (234, 44987), (250, 44906), (256, 44840), (257, 44834), (260, 44816),

Gene: Broseidon_68 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Broseidon_68:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Bruiser_67 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Bruiser_67:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Bruns_71 Start: 43745, Stop: 42945, Start Num: 85

Candidate Starts for Bruns_71:

(Start: 85 @43745 has 8 MA's), (103, 43667), (Start: 105 @43649 has 1 MA's), (Start: 112 @43598 has 1 MA's), (119, 43583), (154, 43397), (165, 43352), (199, 43262), (201, 43256), (208, 43241), (211, 43235), (219, 43184), (222, 43169), (232, 43133), (234, 43124), (242, 43088), (250, 43043), (256, 42977), (257, 42971), (260, 42953),

Gene: Bryce_55 Start: 39099, Stop: 38290, Start Num: 86

Candidate Starts for Bryce_55:

(Start: 86 @39099 has 72 MA's), (95, 39087), (101, 39051), (107, 38985), (Start: 109 @38979 has 1 MA's), (125, 38925), (132, 38910), (150, 38799), (214, 38574), (219, 38547), (230, 38502), (231, 38499), (234, 38484), (250, 38403), (256, 38334), (257, 38328),

Gene: BubbleTrouble_67 Start: 43185, Stop: 42394, Start Num: 82

Candidate Starts for BubbleTrouble_67:

(Start: 82 @43185 has 185 MA's), (Start: 99 @43158 has 6 MA's), (125, 43011), (134, 42987), (164, 42810), (192, 42744), (199, 42717), (208, 42696), (219, 42639), (220, 42630), (234, 42576), (256, 42426),

Gene: Bud_71 Start: 42812, Stop: 41997, Start Num: 77

Candidate Starts for Bud_71:

(Start: 77 @42812 has 159 MA's), (106, 42707), (Start: 112 @42662 has 1 MA's), (Start: 128 @42620 has 1 MA's), (133, 42602), (150, 42494), (201, 42323), (219, 42251), (223, 42230), (234, 42191), (256, 42029),

Gene: Bugatti_71 Start: 43681, Stop: 42887, Start Num: 79

Candidate Starts for Bugatti_71:

(Start: 79 @43681 has 38 MA's), (130, 43501), (194, 43237), (222, 43114), (234, 43069), (256, 42919), (260, 42895),

Gene: Buggy_75 Start: 44762, Stop: 43863, Start Num: 77

Candidate Starts for Buggy_75:

(Start: 77 @44762 has 159 MA's), (Start: 90 @44750 has 1 MA's), (Start: 102 @44693 has 13 MA's), (Start: 105 @44663 has 1 MA's), (Start: 128 @44570 has 1 MA's), (140, 44510), (167, 44363), (170, 44348), (173, 44315), (176, 44306), (199, 44195), (223, 44096), (234, 44054), (256, 43892),

Gene: Bumblebee11_66 Start: 43434, Stop: 42643, Start Num: 82

Candidate Starts for Bumblebee11_66:

(Start: 82 @43434 has 185 MA's), (Start: 99 @43407 has 6 MA's), (125, 43260), (134, 43236), (194, 42990), (199, 42966), (219, 42888), (234, 42825), (256, 42675),

Gene: Burger_66 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Burger_66:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Burton_70 Start: 45570, Stop: 44767, Start Num: 84

Candidate Starts for Burton_70:

(48, 45627), (Start: 84 @45570 has 29 MA's), (103, 45489), (Start: 105 @45471 has 1 MA's), (Start: 112 @45420 has 1 MA's), (119, 45405), (154, 45219), (165, 45174), (199, 45084), (201, 45078), (208, 45063), (211, 45057), (219, 45006), (222, 44991), (232, 44955), (234, 44946), (250, 44865), (256, 44799), (257, 44793), (260, 44775),

Gene: Buttons_65 Start: 41283, Stop: 40480, Start Num: 84

Candidate Starts for Buttons_65:

(46, 41340), (Start: 84 @41283 has 29 MA's), (103, 41202), (Start: 105 @41184 has 1 MA's), (Start: 112 @41133 has 1 MA's), (119, 41118), (155, 40923), (161, 40902), (180, 40857), (199, 40797), (219, 40719), (234, 40659), (250, 40578), (256, 40512), (257, 40506), (260, 40488),

Gene: BuzzBuzz_71 Start: 44077, Stop: 43262, Start Num: 91

Candidate Starts for BuzzBuzz_71:

(19, 44257), (42, 44152), (Start: 91 @44077 has 77 MA's), (Start: 128 @43894 has 1 MA's), (134, 43870), (138, 43843), (142, 43825), (193, 43624), (199, 43600), (208, 43576), (234, 43456), (236, 43438), (256, 43294), (260, 43270),

Gene: Bxb1_62 Start: 42480, Stop: 41593, Start Num: 39

Candidate Starts for Bxb1_62:

(Start: 39 @42480 has 1 MA's), (58, 42432), (Start: 71 @42411 has 1 MA's), (76, 42405), (103, 42315), (Start: 105 @42297 has 1 MA's), (Start: 112 @42246 has 1 MA's), (119, 42231), (155, 42036), (180, 41970), (199, 41910), (219, 41832), (234, 41772), (250, 41691), (256, 41625), (257, 41619), (260, 41601),

Gene: Bxz2_72 Start: 44084, Stop: 43269, Start Num: 91

Candidate Starts for Bxz2_72:

(19, 44264), (Start: 91 @44084 has 77 MA's), (Start: 99 @44057 has 6 MA's), (Start: 128 @43901 has 1 MA's), (134, 43877), (138, 43850), (142, 43832), (193, 43631), (199, 43607), (208, 43583), (234, 43463), (236, 43445), (242, 43415), (256, 43301), (260, 43277),

Gene: C3_69 Start: 44381, Stop: 43506, Start Num: 87

Candidate Starts for C3_69:

(Start: 87 @44381 has 13 MA's), (Start: 99 @44351 has 6 MA's), (Start: 102 @44318 has 13 MA's), (Start: 105 @44288 has 1 MA's), (118, 44219), (126, 44201), (134, 44171), (138, 44144), (167, 43988), (187, 43943), (199, 43838), (201, 43832), (219, 43760), (223, 43739), (234, 43697), (253, 43580), (256, 43535),

Gene: CRB1_75 Start: 44957, Stop: 44061, Start Num: 77

Candidate Starts for CRB1_75:

(Start: 77 @44957 has 159 MA's), (Start: 102 @44891 has 13 MA's), (Start: 105 @44861 has 1 MA's), (121, 44786), (Start: 128 @44768 has 1 MA's), (170, 44546), (176, 44504), (195, 44414), (234, 44252),

Gene: CactusRose_71 Start: 44336, Stop: 43533, Start Num: 84

Candidate Starts for CactusRose_71:

(48, 44393), (Start: 84 @44336 has 29 MA's), (103, 44255), (Start: 105 @44237 has 1 MA's), (Start: 112 @44186 has 1 MA's), (119, 44171), (154, 43985), (165, 43940), (199, 43850), (201, 43844), (208, 43829), (211, 43823), (219, 43772), (222, 43757), (232, 43721), (234, 43712), (250, 43631), (256, 43565), (257, 43559), (260, 43541),

Gene: Caelakin_67 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Caelakin_67:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Camperdownii_66 Start: 42832, Stop: 42041, Start Num: 82

Candidate Starts for Camperdownii_66:

(28, 42907), (Start: 82 @42832 has 185 MA's), (Start: 99 @42805 has 6 MA's), (125, 42658), (164, 42457), (192, 42391), (199, 42364), (208, 42343), (219, 42286), (220, 42277), (234, 42223), (256, 42073),

Gene: Candra_74 Start: 43266, Stop: 42439, Start Num: 82

Candidate Starts for Candra_74:

(Start: 82 @43266 has 185 MA's), (97, 43236), (Start: 102 @43194 has 13 MA's), (Start: 105 @43164 has 1 MA's), (Start: 112 @43113 has 1 MA's), (126, 43077), (134, 43047), (140, 43011), (152, 42927), (187, 42819), (200, 42765), (201, 42762), (219, 42690), (223, 42669), (224, 42666), (234, 42630), (256, 42468),

Gene: Caraxes_77 Start: 44020, Stop: 43061, Start Num: 77

Candidate Starts for Caraxes_77:

(Start: 77 @44020 has 159 MA's), (95, 43999), (Start: 99 @43984 has 6 MA's), (100, 43975), (Start: 102 @43951 has 13 MA's), (Start: 105 @43921 has 1 MA's), (114, 43861), (Start: 128 @43828 has 1 MA's), (167, 43621), (187, 43498), (189, 43489), (199, 43393), (201, 43387), (223, 43294), (234, 43252), (256, 43090),

Gene: Carlyle_69 Start: 42672, Stop: 41854, Start Num: 67

Candidate Starts for Carlyle_69:

(40, 42735), (Start: 67 @42672 has 41 MA's), (Start: 77 @42660 has 159 MA's), (103, 42576), (Start: 105 @42558 has 1 MA's), (Start: 112 @42507 has 1 MA's), (119, 42492), (154, 42306), (165, 42261), (199, 42171), (201, 42165), (208, 42150), (211, 42144), (219, 42093), (222, 42078), (232, 42042), (234, 42033), (250, 41952), (256, 41886), (257, 41880), (260, 41862),

Gene: Catalina_77 Start: 43798, Stop: 42956, Start Num: 77

Candidate Starts for Catalina_77:

(Start: 77 @43798 has 159 MA's), (Start: 82 @43792 has 185 MA's), (Start: 102 @43729 has 13 MA's), (Start: 105 @43699 has 1 MA's), (116, 43636), (159, 43420), (199, 43288), (200, 43285), (201, 43282), (221, 43195), (234, 43147), (256, 42985),

Gene: Caviar_71 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for Caviar_71:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: Centaur_74 Start: 44320, Stop: 43505, Start Num: 77

Candidate Starts for Centaur_74:

(Start: 77 @44320 has 159 MA's), (Start: 102 @44251 has 13 MA's), (Start: 105 @44221 has 1 MA's), (121, 44146), (Start: 128 @44128 has 1 MA's), (200, 43834), (201, 43831), (234, 43696), (256, 43534),

Gene: CentreCat_68 Start: 43197, Stop: 42406, Start Num: 82

Candidate Starts for CentreCat_68:

(Start: 82 @43197 has 185 MA's), (Start: 99 @43170 has 6 MA's), (125, 43023), (164, 42822), (192, 42756), (199, 42729), (208, 42708), (220, 42642), (234, 42588), (256, 42438),

Gene: Cerulean_69 Start: 43598, Stop: 42807, Start Num: 82

Candidate Starts for Cerulean_69:

(28, 43673), (Start: 82 @43598 has 185 MA's), (Start: 99 @43571 has 6 MA's), (125, 43424), (134, 43400), (164, 43223), (192, 43157), (199, 43130), (208, 43109), (219, 43052), (220, 43043), (234, 42989), (256, 42839),

Gene: Chadwick_71 Start: 43026, Stop: 42211, Start Num: 86

Candidate Starts for Chadwick_71:

(38, 43113), (Start: 86 @43026 has 72 MA's), (Start: 105 @42936 has 1 MA's), (125, 42852), (140, 42792), (144, 42771), (153, 42702), (195, 42579), (202, 42549), (211, 42504), (219, 42453), (220, 42444), (224, 42429), (229, 42414), (242, 42357), (246, 42333), (247, 42324), (256, 42243), (260, 42219),

Gene: ChampagnePapi_70 Start: 43597, Stop: 42806, Start Num: 82

Candidate Starts for ChampagnePapi_70:

(28, 43672), (Start: 82 @43597 has 185 MA's), (Start: 99 @43570 has 6 MA's), (125, 43423), (164, 43222), (192, 43156), (199, 43129), (208, 43108), (220, 43042), (234, 42988), (256, 42838),

Gene: Chanagan_62 Start: 41553, Stop: 40750, Start Num: 84

Candidate Starts for Chanagan_62:

(48, 41610), (Start: 84 @41553 has 29 MA's), (Start: 102 @41484 has 13 MA's), (Start: 112 @41403 has 1 MA's), (119, 41388), (154, 41202), (165, 41157), (199, 41067), (201, 41061), (208, 41046), (211, 41040), (219, 40989), (222, 40974), (232, 40938), (234, 40929), (250, 40848), (256, 40782), (257, 40776), (260, 40758),

Gene: Changeling_72 Start: 44659, Stop: 43745, Start Num: 77

Candidate Starts for Changeling_72:

(37, 44719), (Start: 77 @44659 has 159 MA's), (Start: 102 @44581 has 13 MA's), (Start: 105 @44551 has 1 MA's), (Start: 128 @44458 has 1 MA's), (140, 44398), (167, 44251), (201, 44071), (223, 43978), (224, 43975), (234, 43936), (256, 43774),

Gene: Chaph_68 Start: 43169, Stop: 42378, Start Num: 82

Candidate Starts for Chaph_68:

(Start: 82 @43169 has 185 MA's), (Start: 99 @43142 has 6 MA's), (125, 42995), (134, 42971), (164, 42794), (192, 42728), (199, 42701), (208, 42680), (219, 42623), (220, 42614), (234, 42560), (256, 42410),

Gene: Chargerpower_71 Start: 42831, Stop: 42025, Start Num: 77

Candidate Starts for Chargerpower_71:

(13, 43122), (41, 42894), (Start: 77 @42831 has 159 MA's), (Start: 99 @42801 has 6 MA's), (Start: 105 @42738 has 1 MA's), (111, 42690), (Start: 128 @42645 has 1 MA's), (167, 42438), (194, 42378), (195, 42375), (226, 42243), (234, 42216), (256, 42054),

Gene: Charm_69 Start: 42916, Stop: 42008, Start Num: 77

Candidate Starts for Charm_69:

(25, 43042), (Start: 77 @42916 has 159 MA's), (Start: 82 @42910 has 185 MA's), (Start: 99 @42880 has 6 MA's), (Start: 102 @42847 has 13 MA's), (Start: 105 @42817 has 1 MA's), (107, 42793), (116, 42754), (Start: 128 @42724 has 1 MA's), (140, 42664), (159, 42538), (170, 42502), (181, 42406), (200, 42337), (201, 42334), (221, 42247), (223, 42238), (237, 42172), (245, 42136), (256, 42037),

Gene: Chartreuse_73 Start: 42577, Stop: 41750, Start Num: 82

Candidate Starts for Chartreuse_73:

(Start: 82 @42577 has 185 MA's), (97, 42547), (Start: 102 @42505 has 13 MA's), (Start: 105 @42475 has 1 MA's), (Start: 112 @42424 has 1 MA's), (126, 42388), (134, 42358), (140, 42322), (152, 42238), (187, 42130), (200, 42076), (201, 42073), (219, 42001), (223, 41980), (224, 41977), (234, 41941), (256, 41779),

Gene: Che12_78 Start: 44065, Stop: 43172, Start Num: 77

Candidate Starts for Che12_78:

(Start: 77 @44065 has 159 MA's), (95, 44044), (Start: 99 @44029 has 6 MA's), (Start: 102 @43996 has 13 MA's), (Start: 105 @43966 has 1 MA's), (114, 43906), (Start: 128 @43873 has 1 MA's), (167, 43666), (181, 43558), (201, 43498), (223, 43405), (234, 43363), (256, 43201),

Gene: ChipMunk_74 Start: 45803, Stop: 44904, Start Num: 77

Candidate Starts for ChipMunk_74:

(Start: 77 @45803 has 159 MA's), (Start: 90 @45791 has 1 MA's), (Start: 102 @45734 has 13 MA's), (Start: 105 @45704 has 1 MA's), (Start: 128 @45611 has 1 MA's), (140, 45551), (167, 45404), (170, 45389), (176, 45347), (199, 45236), (234, 45095), (256, 44933),

Gene: Chupacabra_66 Start: 42951, Stop: 42124, Start Num: 57

Candidate Starts for Chupacabra_66:

(18, 43110), (Start: 57 @42951 has 17 MA's), (Start: 105 @42825 has 1 MA's), (125, 42741), (132, 42726), (134, 42717), (199, 42447), (200, 42444), (205, 42429), (219, 42369), (234, 42306), (246, 42246), (254, 42189), (260, 42132),

Gene: Ciao_68 Start: 43525, Stop: 42707, Start Num: 67

Candidate Starts for Ciao_68:

(Start: 57 @43543 has 17 MA's), (Start: 67 @43525 has 41 MA's), (Start: 77 @43513 has 159 MA's), (103, 43429), (Start: 105 @43411 has 1 MA's), (Start: 112 @43360 has 1 MA's), (119, 43345), (154, 43159), (165, 43114), (199, 43024), (201, 43018), (208, 43003), (219, 42946), (222, 42931), (232, 42895), (234, 42886), (250, 42805), (256, 42739), (257, 42733), (260, 42715),

Gene: Cici_67 Start: 43449, Stop: 42658, Start Num: 82

Candidate Starts for Cici_67:

(Start: 82 @43449 has 185 MA's), (Start: 99 @43422 has 6 MA's), (125, 43275), (134, 43251), (194, 43005), (199, 42981), (219, 42903), (220, 42894), (234, 42840), (256, 42690),

Gene: Cindaradix_64 Start: 43060, Stop: 42269, Start Num: 82

Candidate Starts for Cindaradix_64:

(28, 43135), (Start: 82 @43060 has 185 MA's), (Start: 99 @43033 has 6 MA's), (125, 42886), (134, 42862), (164, 42685), (194, 42616), (199, 42592), (220, 42505), (234, 42451), (256, 42301),

Gene: Cintron_68 Start: 43308, Stop: 42517, Start Num: 82

Candidate Starts for Cintron_68:

(28, 43383), (Start: 82 @43308 has 185 MA's), (Start: 99 @43281 has 6 MA's), (125, 43134), (164, 42933), (192, 42867), (199, 42840), (208, 42819), (219, 42762), (220, 42753), (234, 42699), (256, 42549),

Gene: Citius_68 Start: 43179, Stop: 42388, Start Num: 82

Candidate Starts for Citius_68:

(Start: 82 @43179 has 185 MA's), (Start: 99 @43152 has 6 MA's), (125, 43005), (134, 42981), (164, 42804), (192, 42738), (199, 42711), (208, 42690), (219, 42633), (220, 42624), (234, 42570), (256, 42420),

Gene: Clarenza_67 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Clarenza_67:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: CloudWang3_76 Start: 43443, Stop: 42622, Start Num: 82

Candidate Starts for CloudWang3_76:

(17, 43656), (Start: 82 @43443 has 185 MA's), (Start: 102 @43380 has 13 MA's), (Start: 105 @43350 has 1 MA's), (126, 43263), (Start: 128 @43257 has 1 MA's), (134, 43233), (187, 43005), (219, 42876), (223, 42855), (224, 42852), (226, 42843), (234, 42816), (256, 42654),

Gene: Cocoaberry_68 Start: 43162, Stop: 42371, Start Num: 82

Candidate Starts for Cocoaberry_68:

(15, 43375), (Start: 82 @43162 has 185 MA's), (Start: 99 @43135 has 6 MA's), (125, 42988), (134, 42964), (164, 42787), (192, 42721), (199, 42694), (208, 42673), (219, 42616), (220, 42607), (234, 42553), (256, 42403),

Gene: Colbster_73 Start: 44053, Stop: 43238, Start Num: 91

Candidate Starts for Colbster_73:

(19, 44233), (Start: 91 @44053 has 77 MA's), (Start: 99 @44026 has 6 MA's), (Start: 128 @43870 has 1 MA's), (134, 43846), (138, 43819), (142, 43801), (193, 43600), (199, 43576), (208, 43552), (234, 43432), (236, 43414), (242, 43384), (256, 43270), (260, 43246),

Gene: Colin_73 Start: 45378, Stop: 44485, Start Num: 77

Candidate Starts for Colin_73:

(Start: 77 @45378 has 159 MA's), (Start: 102 @45303 has 13 MA's), (Start: 128 @45180 has 1 MA's), (171, 44943), (199, 44820), (223, 44721), (234, 44679),

Gene: Commander_66 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for Commander_66:

(Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234, 42548), (256, 42398),

Gene: ConceptII_73 Start: 45364, Stop: 44561, Start Num: 84

Candidate Starts for ConceptII_73:

(48, 45421), (Start: 84 @45364 has 29 MA's), (103, 45283), (Start: 105 @45265 has 1 MA's), (Start: 112 @45214 has 1 MA's), (119, 45199), (154, 45013), (165, 44968), (199, 44878), (201, 44872), (208, 44857), (219, 44800), (222, 44785), (232, 44749), (234, 44740), (250, 44659), (256, 44593), (257, 44587), (260, 44569),

Gene: Connomayer_68 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Connomayer_68:

(Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256,

42399),

Gene: Conquerage_73 Start: 43473, Stop: 42631, Start Num: 77

Candidate Starts for Conquerage_73:

(Start: 77 @43473 has 159 MA's), (Start: 82 @43467 has 185 MA's), (Start: 102 @43404 has 13 MA's), (Start: 105 @43374 has 1 MA's), (116, 43311), (159, 43095), (199, 42963), (200, 42960), (201, 42957), (221, 42870), (234, 42822), (256, 42660),

Gene: Conspiracy_68 Start: 42959, Stop: 42144, Start Num: 86

Candidate Starts for Conspiracy_68:

(Start: 86 @42959 has 72 MA's), (117, 42806), (125, 42785), (140, 42725), (144, 42704), (202, 42482), (219, 42386), (224, 42362), (230, 42344), (242, 42290), (246, 42266), (247, 42257), (256, 42176), (260, 42152),

Gene: Coog_64 Start: 42730, Stop: 41915, Start Num: 86

Candidate Starts for Coog_64:

(Start: 86 @42730 has 72 MA's), (117, 42577), (125, 42556), (140, 42496), (144, 42475), (202, 42253), (219, 42157), (224, 42133), (230, 42115), (242, 42061), (246, 42037), (247, 42028), (256, 41947), (260, 41923),

Gene: Cookiedough_76 Start: 43881, Stop: 43054, Start Num: 82

Candidate Starts for Cookiedough_76:

(Start: 82 @43881 has 185 MA's), (97, 43851), (Start: 102 @43809 has 13 MA's), (Start: 105 @43779 has 1 MA's), (Start: 112 @43728 has 1 MA's), (126, 43692), (134, 43662), (140, 43626), (152, 43542), (187, 43434), (200, 43380), (201, 43377), (219, 43305), (223, 43284), (224, 43281), (234, 43245), (256, 43083),

Gene: Corvo_69 Start: 44673, Stop: 43873, Start Num: 88

Candidate Starts for Corvo_69:

(70, 44691), (Start: 88 @44673 has 25 MA's), (103, 44595), (Start: 105 @44577 has 1 MA's), (Start: 112 @44526 has 1 MA's), (119, 44511), (154, 44325), (165, 44280), (199, 44190), (201, 44184), (208, 44169), (219, 44112), (222, 44097), (232, 44061), (234, 44052), (250, 43971), (256, 43905), (257, 43899), (260, 43881),

Gene: CosmicSans_56 Start: 39345, Stop: 38536, Start Num: 86

Candidate Starts for CosmicSans_56:

(Start: 86 @39345 has 72 MA's), (95, 39333), (107, 39231), (Start: 109 @39225 has 1 MA's), (125, 39171), (132, 39156), (150, 39045), (152, 39027), (214, 38820), (230, 38748), (231, 38745), (234, 38730), (250, 38649), (256, 38580), (257, 38574),

Gene: Crispicous1_67 Start: 43224, Stop: 42400, Start Num: 63

Candidate Starts for Crispicous1_67:

(47, 43257), (Start: 63 @43224 has 40 MA's), (Start: 77 @43206 has 159 MA's), (103, 43122), (Start: 105 @43104 has 1 MA's), (Start: 112 @43053 has 1 MA's), (119, 43038), (154, 42852), (165, 42807), (199, 42717), (201, 42711), (208, 42696), (211, 42690), (219, 42639), (222, 42624), (232, 42588), (234, 42579), (250, 42498), (256, 42432), (257, 42426), (260, 42408),

Gene: Crucio_74 Start: 44678, Stop: 43860, Start Num: 77

Candidate Starts for Crucio_74:

(Start: 77 @44678 has 159 MA's), (Start: 102 @44606 has 13 MA's), (Start: 105 @44576 has 1 MA's), (Start: 128 @44483 has 1 MA's), (140, 44423), (199, 44192), (223, 44093), (234, 44051), (238, 44021), (254, 43922), (256, 43889),

Gene: Cuco_66 Start: 42590, Stop: 41775, Start Num: 86

Candidate Starts for Cuco_66:

(Start: 86 @42590 has 72 MA's), (117, 42437), (125, 42416), (140, 42356), (144, 42335), (202, 42113), (219, 42017), (224, 41993), (230, 41975), (242, 41921), (246, 41897), (247, 41888), (256, 41807), (260, 41783),

Gene: Cueyllyss_67 Start: 44703, Stop: 43903, Start Num: 83

Candidate Starts for Cueyllyss_67:

(Start: 83 @44703 has 4 MA's), (103, 44625), (Start: 105 @44607 has 1 MA's), (Start: 112 @44556 has 1 MA's), (119, 44541), (155, 44346), (165, 44310), (199, 44220), (201, 44214), (208, 44199), (211, 44193), (219, 44142), (222, 44127), (232, 44091), (234, 44082), (250, 44001), (256, 43935), (257, 43929), (260, 43911),

Gene: Cullens_77 Start: 44049, Stop: 43234, Start Num: 91

Candidate Starts for Cullens_77:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: D29_69 Start: 44861, Stop: 44052, Start Num: 87

Candidate Starts for D29_69:

(Start: 87 @44861 has 13 MA's), (Start: 99 @44831 has 6 MA's), (Start: 102 @44798 has 13 MA's), (Start: 105 @44768 has 1 MA's), (126, 44681), (134, 44651), (167, 44468), (201, 44378), (219, 44306), (223, 44285), (234, 44243), (235, 44240), (253, 44126), (254, 44114), (256, 44081),

Gene: D32_75 Start: 44861, Stop: 44052, Start Num: 87

Candidate Starts for D32_75:

(Start: 87 @44861 has 13 MA's), (Start: 99 @44831 has 6 MA's), (Start: 102 @44798 has 13 MA's), (Start: 105 @44768 has 1 MA's), (126, 44681), (134, 44651), (167, 44468), (201, 44378), (219, 44306), (223, 44285), (234, 44243), (235, 44240), (253, 44126), (254, 44114), (256, 44081),

Gene: DBQu4n_76 Start: 44841, Stop: 44032, Start Num: 87

Candidate Starts for DBQu4n_76:

(Start: 87 @44841 has 13 MA's), (Start: 99 @44811 has 6 MA's), (Start: 102 @44778 has 13 MA's), (Start: 105 @44748 has 1 MA's), (126, 44661), (134, 44631), (167, 44448), (201, 44358), (219, 44286), (223, 44265), (234, 44223), (235, 44220), (253, 44106), (254, 44094), (256, 44061),

Gene: DD5_69 Start: 45084, Stop: 44266, Start Num: 65

Candidate Starts for DD5_69:

(Start: 55 @45102 has 8 MA's), (59, 45093), (Start: 65 @45084 has 6 MA's), (Start: 77 @45072 has 159 MA's), (103, 44988), (Start: 105 @44970 has 1 MA's), (119, 44904), (154, 44718), (165, 44673), (199, 44583), (201, 44577), (208, 44562), (211, 44556), (219, 44505), (222, 44490), (232, 44454), (234, 44445), (250, 44364), (252, 44352), (256, 44298), (257, 44292), (260, 44274),

Gene: DaHudson_76 Start: 44042, Stop: 43227, Start Num: 91

Candidate Starts for DaHudson_76:

(19, 44222), (Start: 91 @44042 has 77 MA's), (Start: 99 @44015 has 6 MA's), (Start: 128 @43859 has 1 MA's), (134, 43835), (138, 43808), (142, 43790), (193, 43589), (199, 43565), (208, 43541), (234, 43421), (236, 43403), (242, 43373), (256, 43259), (260, 43235),

Gene: DaVinci_74 Start: 42631, Stop: 41804, Start Num: 82

Candidate Starts for DaVinci_74:

(Start: 82 @42631 has 185 MA's), (97, 42601), (Start: 102 @42559 has 13 MA's), (Start: 105 @42529 has 1 MA's), (Start: 112 @42478 has 1 MA's), (126, 42442), (134, 42412), (140, 42376), (152, 42292), (187, 42184), (200, 42130), (201, 42127), (219, 42055), (223, 42034), (224, 42031), (234, 41995), (256, 41833),

Gene: Daishi_76 Start: 42917, Stop: 42102, Start Num: 91

Candidate Starts for Daishi_76:

(19, 43097), (Start: 91 @42917 has 77 MA's), (Start: 99 @42890 has 6 MA's), (Start: 128 @42734 has 1 MA's), (134, 42710), (138, 42683), (142, 42665), (193, 42464), (199, 42440), (208, 42416), (234, 42296), (236, 42278), (242, 42248), (256, 42134), (260, 42110),

Gene: Dalmatian_74 Start: 44496, Stop: 43678, Start Num: 77

Candidate Starts for Dalmatian_74:

(2, 44835), (6, 44808), (7, 44805), (10, 44796), (Start: 77 @44496 has 159 MA's), (Start: 102 @44424 has 13 MA's), (Start: 105 @44394 has 1 MA's), (Start: 128 @44301 has 1 MA's), (222, 43917), (223, 43911), (234, 43869), (238, 43839),

Gene: Danforth_83 Start: 45329, Stop: 44526, Start Num: 81

Candidate Starts for Danforth_83:

(Start: 81 @45329 has 12 MA's), (Start: 102 @45266 has 13 MA's), (113, 45182), (124, 45155), (140, 45095), (154, 44996), (181, 44915), (188, 44897), (201, 44855), (207, 44837), (209, 44834), (223, 44762), (224, 44759), (234, 44720), (246, 44648), (250, 44627), (260, 44534),

Gene: Darrell_76 Start: 44385, Stop: 43495, Start Num: 77

Candidate Starts for Darrell_76:

(Start: 77 @44385 has 159 MA's), (Start: 99 @44355 has 6 MA's), (Start: 102 @44322 has 13 MA's), (Start: 105 @44292 has 1 MA's), (Start: 112 @44241 has 1 MA's), (116, 44229), (Start: 128 @44199 has 1 MA's), (159, 44013), (160, 44010), (187, 43878), (200, 43824), (201, 43821), (223, 43725), (226, 43713), (234, 43686), (246, 43614), (253, 43569), (256, 43524),

Gene: DARTHPhader_71 Start: 44873, Stop: 44058, Start Num: 81

Candidate Starts for DARTHPhader_71:

(34, 44966), (Start: 81 @44873 has 12 MA's), (Start: 102 @44804 has 13 MA's), (Start: 105 @44774 has 1 MA's), (116, 44711), (121, 44699), (126, 44687), (Start: 128 @44681 has 1 MA's), (134, 44657), (157, 44501), (201, 44384), (219, 44312), (223, 44291), (234, 44249), (256, 44087),

Gene: Datway_67 Start: 43420, Stop: 42629, Start Num: 82

Candidate Starts for Datway_67:

(Start: 82 @43420 has 185 MA's), (Start: 99 @43393 has 6 MA's), (125, 43246), (134, 43222), (194, 42976), (199, 42952), (219, 42874), (220, 42865), (234, 42811), (256, 42661),

Gene: Deano_65 Start: 43166, Stop: 42375, Start Num: 82

Candidate Starts for Deano_65:

(Start: 82 @43166 has 185 MA's), (Start: 99 @43139 has 6 MA's), (125, 42992), (134, 42968), (164, 42791), (192, 42725), (199, 42698), (208, 42677), (219, 42620), (220, 42611), (234, 42557), (256, 42407),

Gene: DekHockey33_83 Start: 44933, Stop: 44085, Start Num: 77

Candidate Starts for DekHockey33_83:

(Start: 77 @44933 has 159 MA's), (Start: 82 @44927 has 185 MA's), (Start: 99 @44885 has 6 MA's), (Start: 102 @44852 has 13 MA's), (Start: 105 @44822 has 1 MA's), (Start: 128 @44729 has 1 MA's), (185, 44465), (200, 44417), (223, 44318), (224, 44315), (234, 44276),

Gene: Deloris_73 Start: 44108, Stop: 43212, Start Num: 77

Candidate Starts for Deloris_73:

(Start: 77 @44108 has 159 MA's), (Start: 102 @44042 has 13 MA's), (Start: 105 @44012 has 1 MA's), (121, 43937), (Start: 128 @43919 has 1 MA's), (167, 43712), (170, 43697), (176, 43655), (200, 43541), (201, 43538), (234, 43403),

Gene: Dennebes_69 Start: 34407, Stop: 33568, Start Num: 93

Candidate Starts for Dennebes_69:

(52, 34473), (Start: 93 @34407 has 14 MA's), (Start: 98 @34392 has 2 MA's), (113, 34269), (135, 34197), (138, 34176), (143, 34137), (157, 34035), (182, 33963), (184, 33957), (218, 33807), (231, 33756),

Gene: Dhanush_68 Start: 43161, Stop: 42370, Start Num: 82

Candidate Starts for Dhanush_68:

(Start: 82 @43161 has 185 MA's), (Start: 99 @43134 has 6 MA's), (125, 42987), (134, 42963), (164, 42786), (192, 42720), (199, 42693), (208, 42672), (219, 42615), (220, 42606), (234, 42552), (256, 42402),

Gene: Dieselweasel_77 Start: 44051, Stop: 43236, Start Num: 91

Candidate Starts for Dieselweasel_77:

(19, 44231), (Start: 91 @44051 has 77 MA's), (Start: 99 @44024 has 6 MA's), (Start: 128 @43868 has 1 MA's), (134, 43844), (138, 43817), (142, 43799), (193, 43598), (199, 43574), (208, 43550), (234, 43430), (236, 43412), (242, 43382), (256, 43268), (260, 43244),

Gene: Dignity_75 Start: 44800, Stop: 43901, Start Num: 77

Candidate Starts for Dignity_75:

(Start: 77 @44800 has 159 MA's), (Start: 90 @44788 has 1 MA's), (Start: 102 @44731 has 13 MA's), (Start: 105 @44701 has 1 MA's), (Start: 128 @44608 has 1 MA's), (140, 44548), (167, 44401), (170, 44386), (173, 44353), (176, 44344), (199, 44233), (223, 44134), (234, 44092), (256, 43930),

Gene: Dinger_55 Start: 39487, Stop: 38678, Start Num: 86

Candidate Starts for Dinger_55:

(Start: 86 @39487 has 72 MA's), (95, 39475), (101, 39439), (107, 39373), (Start: 109 @39367 has 1 MA's), (125, 39313), (132, 39298), (150, 39187), (214, 38962), (230, 38890), (231, 38887), (234, 38872), (250, 38791), (256, 38722), (257, 38716),

Gene: DirtyDunning_67 Start: 43173, Stop: 42382, Start Num: 82

Candidate Starts for DirtyDunning_67:

(Start: 82 @43173 has 185 MA's), (Start: 99 @43146 has 6 MA's), (125, 42999), (134, 42975), (164, 42798), (192, 42732), (199, 42705), (208, 42684), (219, 42627), (220, 42618), (234, 42564), (256, 42414),

Gene: Discoknowium_65 Start: 42476, Stop: 41661, Start Num: 86

Candidate Starts for Discoknowium_65:

(Start: 86 @42476 has 72 MA's), (117, 42323), (125, 42302), (140, 42242), (144, 42221), (202, 41999), (219, 41903), (224, 41879), (230, 41861), (242, 41807), (246, 41783), (247, 41774), (256, 41693), (260, 41669),

Gene: Dixon_81 Start: 44811, Stop: 44008, Start Num: 81

Candidate Starts for Dixon_81:

(Start: 81 @44811 has 12 MA's), (Start: 102 @44748 has 13 MA's), (113, 44664), (124, 44637), (140, 44577), (154, 44478), (181, 44397), (188, 44379), (201, 44337), (207, 44319), (209, 44316), (223, 44244), (224, 44241), (234, 44202), (246, 44130), (250, 44109), (260, 44016),

Gene: Doom_65 Start: 43936, Stop: 43112, Start Num: 63

Candidate Starts for Doom_65:

(47, 43969), (Start: 63 @43936 has 40 MA's), (Start: 77 @43918 has 159 MA's), (103, 43834), (Start: 105 @43816 has 1 MA's), (Start: 112 @43765 has 1 MA's), (119, 43750), (154, 43564), (199, 43429), (201, 43423), (208, 43408), (211, 43402), (219, 43351), (222, 43336), (232, 43300), (234, 43291), (250, 43210), (256, 43144), (257, 43138), (260, 43120),

Gene: Dorothea_73 Start: 43877, Stop: 43050, Start Num: 82

Candidate Starts for Dorothea_73:

(Start: 82 @43877 has 185 MA's), (97, 43847), (Start: 102 @43805 has 13 MA's), (Start: 105 @43775 has 1 MA's), (Start: 112 @43724 has 1 MA's), (126, 43688), (134, 43658), (140, 43622), (152, 43538), (187, 43430), (200, 43376), (201, 43373), (219, 43301), (223, 43280), (224, 43277), (234, 43241), (256, 43079),

Gene: DrFeelGood_67 Start: 43181, Stop: 42363, Start Num: 67

Candidate Starts for DrFeelGood_67:

(61, 43190), (Start: 67 @43181 has 41 MA's), (Start: 77 @43169 has 159 MA's), (103, 43085), (Start: 105 @43067 has 1 MA's), (Start: 112 @43016 has 1 MA's), (119, 43001), (154, 42815), (165, 42770), (199, 42680), (201, 42674), (208, 42659), (219, 42602), (222, 42587), (232, 42551), (234, 42542), (250, 42461), (256, 42395), (257, 42389), (260, 42371),

Gene: Drake55_75 Start: 44394, Stop: 43579, Start Num: 77

Candidate Starts for Drake55_75:

(Start: 77 @44394 has 159 MA's), (Start: 102 @44325 has 13 MA's), (Start: 105 @44295 has 1 MA's), (121, 44220), (Start: 128 @44202 has 1 MA's), (200, 43908), (201, 43905), (234, 43770), (256, 43608),

Gene: Drake94_66 Start: 42082, Stop: 41240, Start Num: 57

Candidate Starts for Drake94_66:

(18, 42241), (Start: 57 @42082 has 17 MA's), (Start: 63 @42070 has 40 MA's), (Start: 99 @42019 has 6 MA's), (125, 41872), (132, 41857), (200, 41575), (222, 41470), (224, 41461), (234, 41422), (246, 41362), (256, 41272), (260, 41248),

Gene: DreamCatcher_71 Start: 44247, Stop: 43513, Start Num: 102

Candidate Starts for DreamCatcher_71:

(50, 44361), (52, 44358), (54, 44355), (Start: 102 @44247 has 13 MA's), (Start: 112 @44166 has 1 MA's), (119, 44151), (154, 43965), (165, 43920), (199, 43830), (201, 43824), (208, 43809), (211, 43803), (219, 43752), (222, 43737), (232, 43701), (234, 43692), (250, 43611), (256, 43545), (257, 43539), (260, 43521),

Gene: DreamTeam1_69 Start: 42763, Stop: 41855, Start Num: 77

Candidate Starts for DreamTeam1_69:

(25, 42889), (Start: 77 @42763 has 159 MA's), (Start: 82 @42757 has 185 MA's), (Start: 99 @42727 has 6 MA's), (Start: 102 @42694 has 13 MA's), (Start: 105 @42664 has 1 MA's), (107, 42640), (116, 42601), (Start: 128 @42571 has 1 MA's), (140, 42511), (159, 42385), (170, 42349), (200, 42184), (201, 42181), (221, 42094), (223, 42085), (237, 42019), (245, 41983), (256, 41884),

Gene: Dreamboat_72 Start: 43583, Stop: 42759, Start Num: 63

Candidate Starts for Dreamboat_72:

(47, 43616), (Start: 63 @43583 has 40 MA's), (Start: 77 @43565 has 159 MA's), (103, 43481), (Start: 105 @43463 has 1 MA's), (Start: 112 @43412 has 1 MA's), (119, 43397), (154, 43211), (165, 43166), (199, 43076), (201, 43070), (208, 43055), (219, 42998), (222, 42983), (232, 42947), (234, 42938),

(250, 42857), (256, 42791), (257, 42785), (260, 42767),

Gene: DroogsArmy_67 Start: 46599, Stop: 45799, Start Num: 73

Candidate Starts for DroogsArmy_67:

(Start: 73 @46599 has 3 MA's), (125, 46416), (132, 46401), (135, 46386), (149, 46299), (195, 46143), (202, 46113), (210, 46098), (219, 46044), (222, 46029), (234, 45981), (256, 45831),

Gene: Druantia_67 Start: 43161, Stop: 42370, Start Num: 82

Candidate Starts for Druantia_67:

(Start: 82 @43161 has 185 MA's), (Start: 99 @43134 has 6 MA's), (125, 42987), (134, 42963), (164, 42786), (192, 42720), (199, 42693), (208, 42672), (219, 42615), (220, 42606), (234, 42552), (256, 42402),

Gene: Dublin_67 Start: 42869, Stop: 42054, Start Num: 86

Candidate Starts for Dublin_67:

(Start: 86 @42869 has 72 MA's), (117, 42716), (125, 42695), (140, 42635), (144, 42614), (202, 42392), (219, 42296), (224, 42272), (230, 42254), (242, 42200), (246, 42176), (247, 42167), (256, 42086), (260, 42062),

Gene: DudeLittle_72 Start: 44262, Stop: 43444, Start Num: 77

Candidate Starts for DudeLittle_72:

(2, 44601), (6, 44574), (7, 44571), (10, 44562), (Start: 77 @44262 has 159 MA's), (Start: 102 @44190 has 13 MA's), (Start: 105 @44160 has 1 MA's), (Start: 128 @44067 has 1 MA's), (222, 43683), (223, 43677), (234, 43635), (238, 43605),

Gene: Dulcie_69 Start: 45497, Stop: 44679, Start Num: 67

Candidate Starts for Dulcie_69:

(40, 45560), (Start: 67 @45497 has 41 MA's), (Start: 77 @45485 has 159 MA's), (103, 45401), (Start: 105 @45383 has 1 MA's), (Start: 112 @45332 has 1 MA's), (119, 45317), (155, 45122), (165, 45086), (199, 44996), (201, 44990), (208, 44975), (211, 44969), (219, 44918), (222, 44903), (232, 44867), (234, 44858), (250, 44777), (256, 44711), (257, 44705), (260, 44687),

Gene: Duplo_76 Start: 44898, Stop: 44089, Start Num: 87

Candidate Starts for Duplo_76:

(Start: 87 @44898 has 13 MA's), (Start: 99 @44868 has 6 MA's), (Start: 102 @44835 has 13 MA's), (Start: 105 @44805 has 1 MA's), (126, 44718), (134, 44688), (167, 44505), (201, 44415), (219, 44343), (223, 44322), (234, 44280), (235, 44277), (253, 44163), (254, 44151), (256, 44118),

Gene: Dussy_70 Start: 44648, Stop: 43824, Start Num: 63

Candidate Starts for Dussy_70:

(47, 44681), (Start: 63 @44648 has 40 MA's), (Start: 77 @44630 has 159 MA's), (103, 44546), (Start: 105 @44528 has 1 MA's), (Start: 112 @44477 has 1 MA's), (119, 44462), (154, 44276), (165, 44231), (199, 44141), (201, 44135), (208, 44120), (219, 44063), (222, 44048), (232, 44012), (234, 44003), (250, 43922), (256, 43856), (257, 43850), (260, 43832),

Gene: Dynamix_72 Start: 44029, Stop: 43205, Start Num: 63

Candidate Starts for Dynamix_72:

(47, 44062), (Start: 63 @44029 has 40 MA's), (Start: 77 @44011 has 159 MA's), (103, 43927), (Start: 105 @43909 has 1 MA's), (Start: 112 @43858 has 1 MA's), (119, 43843), (154, 43657), (165, 43612), (199, 43522), (201, 43516), (208, 43501), (211, 43495), (219, 43444), (222, 43429), (232, 43393), (234, 43384), (250, 43303), (256, 43237), (257, 43231), (260, 43213),

Gene: EZMoney23_70 Start: 44170, Stop: 43283, Start Num: 77

Candidate Starts for EZMoney23_70:

(Start: 77 @44170 has 159 MA's), (Start: 102 @44101 has 13 MA's), (Start: 105 @44071 has 1 MA's), (Start: 128 @43978 has 1 MA's), (167, 43771), (169, 43759), (199, 43618), (219, 43540), (223, 43519), (224, 43516), (234, 43477),

Gene: Eagle_67 Start: 43219, Stop: 42428, Start Num: 82

Candidate Starts for Eagle_67:

(Start: 82 @43219 has 185 MA's), (Start: 99 @43192 has 6 MA's), (125, 43045), (164, 42844), (192, 42778), (199, 42751), (208, 42730), (219, 42673), (220, 42664), (234, 42610), (256, 42460),

Gene: EagleEye_79 Start: 44952, Stop: 44032, Start Num: 77

Candidate Starts for EagleEye_79:

(Start: 77 @44952 has 159 MA's), (Start: 105 @44859 has 1 MA's), (127, 44769), (156, 44595), (199, 44361), (200, 44358), (220, 44274), (234, 44223), (239, 44187),

Gene: Eaglepride_70 Start: 43072, Stop: 42227, Start Num: 57

Candidate Starts for Eaglepride_70:

(18, 43237), (27, 43159), (28, 43150), (Start: 57 @43072 has 17 MA's), (69, 43051), (72, 43048), (125, 42859), (132, 42844), (134, 42835), (195, 42586), (200, 42562), (202, 42556), (219, 42472), (224, 42448), (234, 42409), (246, 42349), (256, 42259), (260, 42235),

Gene: Eapen_68 Start: 43153, Stop: 42362, Start Num: 82

Candidate Starts for Eapen_68:

(15, 43366), (Start: 82 @43153 has 185 MA's), (Start: 99 @43126 has 6 MA's), (125, 42979), (134, 42955), (164, 42778), (192, 42712), (199, 42685), (208, 42664), (219, 42607), (220, 42598), (234, 42544), (256, 42394),

Gene: Ebony_76 Start: 43946, Stop: 43131, Start Num: 77

Candidate Starts for Ebony_76:

(Start: 77 @43946 has 159 MA's), (106, 43841), (Start: 112 @43796 has 1 MA's), (Start: 128 @43754 has 1 MA's), (133, 43736), (138, 43703), (140, 43694), (150, 43628), (201, 43457), (219, 43385), (223, 43364), (234, 43325), (256, 43163),

Gene: Echild_74 Start: 44033, Stop: 43221, Start Num: 77

Candidate Starts for Echild_74:

(Start: 77 @44033 has 159 MA's), (Start: 102 @43967 has 13 MA's), (Start: 105 @43937 has 1 MA's), (Start: 128 @43844 has 1 MA's), (195, 43574), (199, 43553), (222, 43460), (223, 43454), (234, 43412), (238, 43382),

Gene: Edison31_63 Start: 42815, Stop: 41991, Start Num: 57

Candidate Starts for Edison31_63:

(18, 42974), (Start: 57 @42815 has 17 MA's), (125, 42608), (132, 42593), (199, 42314), (205, 42296), (234, 42173), (246, 42113), (260, 41999),

Gene: Edtherson_67 Start: 44196, Stop: 43393, Start Num: 79

Candidate Starts for Edtherson_67:

(Start: 79 @44196 has 38 MA's), (103, 44115), (Start: 105 @44097 has 1 MA's), (110, 44055), (Start: 112 @44046 has 1 MA's), (119, 44031), (154, 43845), (165, 43800), (199, 43710), (201, 43704), (208, 43689), (211, 43683), (219, 43632), (232, 43581), (234, 43572), (250, 43491), (252, 43479), (256, 43425), (257, 43419), (260, 43401),

Gene: Eidsmoe_73 Start: 43465, Stop: 42623, Start Num: 77

Candidate Starts for Eidsmoe_73:

(Start: 77 @43465 has 159 MA's), (Start: 82 @43459 has 185 MA's), (Start: 102 @43396 has 13 MA's), (Start: 105 @43366 has 1 MA's), (116, 43303), (159, 43087), (199, 42955), (200, 42952), (201, 42949), (221, 42862), (234, 42814), (256, 42652),

Gene: EITiger69_73 Start: 43953, Stop: 43138, Start Num: 86

Candidate Starts for EITiger69_73:

(38, 44040), (Start: 86 @43953 has 72 MA's), (Start: 105 @43863 has 1 MA's), (117, 43800), (123, 43782), (125, 43779), (140, 43719), (144, 43698), (153, 43629), (195, 43506), (199, 43485), (202, 43476), (206, 43440), (211, 43431), (219, 43380), (220, 43371), (224, 43356), (229, 43341), (242, 43284), (246, 43260), (247, 43251), (256, 43170), (260, 43146),

Gene: Elephantoon_75 Start: 43618, Stop: 42782, Start Num: 77

Candidate Starts for Elephantoon_75:

(6, 43927), (25, 43744), (Start: 77 @43618 has 159 MA's), (Start: 99 @43588 has 6 MA's), (Start: 102 @43555 has 13 MA's), (Start: 105 @43525 has 1 MA's), (Start: 112 @43474 has 1 MA's), (116, 43462), (Start: 128 @43432 has 1 MA's), (159, 43246), (160, 43243), (200, 43111), (201, 43108), (208, 43090), (221, 43021), (234, 42973), (246, 42901), (256, 42811),

Gene: EmyBug_69 Start: 43467, Stop: 42625, Start Num: 77

Candidate Starts for EmyBug_69:

(Start: 77 @43467 has 159 MA's), (Start: 82 @43461 has 185 MA's), (Start: 102 @43398 has 13 MA's), (Start: 105 @43368 has 1 MA's), (116, 43305), (159, 43089), (199, 42957), (200, 42954), (201, 42951), (221, 42864), (234, 42816), (256, 42654),

Gene: EpicPhail_78 Start: 44053, Stop: 43238, Start Num: 91

Candidate Starts for EpicPhail_78:

(19, 44233), (Start: 91 @44053 has 77 MA's), (Start: 99 @44026 has 6 MA's), (Start: 128 @43870 has 1 MA's), (134, 43846), (138, 43819), (142, 43801), (193, 43600), (199, 43576), (208, 43552), (234, 43432), (236, 43414), (242, 43384), (256, 43270), (260, 43246),

Gene: Epsocamisio_79 Start: 44223, Stop: 43375, Start Num: 77

Candidate Starts for Epsocamisio_79:

(Start: 77 @44223 has 159 MA's), (Start: 82 @44217 has 185 MA's), (Start: 99 @44175 has 6 MA's), (Start: 102 @44142 has 13 MA's), (Start: 105 @44112 has 1 MA's), (Start: 128 @44019 has 1 MA's), (223, 43608), (224, 43605), (234, 43566),

Gene: Equemioh13_73 Start: 44225, Stop: 43410, Start Num: 77

Candidate Starts for Equemioh13_73:

(Start: 77 @44225 has 159 MA's), (Start: 102 @44156 has 13 MA's), (Start: 105 @44126 has 1 MA's), (121, 44051), (Start: 128 @44033 has 1 MA's), (201, 43736), (234, 43601), (256, 43439),

Gene: EricB_75 Start: 43223, Stop: 42396, Start Num: 82

Candidate Starts for EricB_75:

(Start: 82 @43223 has 185 MA's), (97, 43193), (Start: 102 @43151 has 13 MA's), (Start: 105 @43121 has 1 MA's), (Start: 112 @43070 has 1 MA's), (126, 43034), (134, 43004), (140, 42968), (152, 42884), (187, 42776), (200, 42722), (201, 42719), (219, 42647), (223, 42626), (224, 42623), (234, 42587), (256, 42425),

Gene: Erik_56 Start: 39277, Stop: 38468, Start Num: 86

Candidate Starts for Erik_56:

(Start: 86 @39277 has 72 MA's), (95, 39265), (107, 39163), (Start: 109 @39157 has 1 MA's), (125, 39103), (132, 39088), (150, 38977), (152, 38959), (214, 38752), (230, 38680), (231, 38677), (234, 38662), (250, 38581), (256, 38512), (257, 38506),

Gene: Eris_67 Start: 43173, Stop: 42382, Start Num: 82

Candidate Starts for Eris_67:

(15, 43386), (Start: 82 @43173 has 185 MA's), (Start: 99 @43146 has 6 MA's), (125, 42999), (134, 42975), (164, 42798), (192, 42732), (199, 42705), (208, 42684), (219, 42627), (220, 42618), (234, 42564), (256, 42414),

Gene: Eros_68 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Eros_68:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Espica_57 Start: 39284, Stop: 38478, Start Num: 86

Candidate Starts for Espica_57:

(Start: 86 @39284 has 72 MA's), (95, 39275), (101, 39239), (Start: 105 @39197 has 1 MA's), (107, 39173), (Start: 109 @39167 has 1 MA's), (125, 39113), (132, 39098), (150, 38987), (180, 38879), (214, 38762), (219, 38735), (230, 38690), (231, 38687), (234, 38672), (250, 38591), (257, 38516),

Gene: Espresso_64 Start: 43554, Stop: 42730, Start Num: 63

Candidate Starts for Espresso_64:

(Start: 63 @43554 has 40 MA's), (Start: 77 @43536 has 159 MA's), (103, 43452), (Start: 105 @43434 has 1 MA's), (Start: 112 @43383 has 1 MA's), (119, 43368), (154, 43182), (165, 43137), (199, 43047), (201, 43041), (208, 43026), (211, 43020), (219, 42969), (222, 42954), (232, 42918), (234, 42909), (250, 42828), (256, 42762), (257, 42756), (260, 42738),

Gene: Et2Brutus_75 Start: 43909, Stop: 43094, Start Num: 77

Candidate Starts for Et2Brutus_75:

(Start: 77 @43909 has 159 MA's), (106, 43804), (Start: 112 @43759 has 1 MA's), (Start: 128 @43717 has 1 MA's), (133, 43699), (138, 43666), (150, 43591), (201, 43420), (219, 43348), (223, 43327), (234, 43288), (256, 43126),

Gene: Euphoria_68 Start: 43689, Stop: 42889, Start Num: 83

Candidate Starts for Euphoria_68:

(Start: 67 @43707 has 41 MA's), (Start: 83 @43689 has 4 MA's), (103, 43611), (Start: 105 @43593 has 1 MA's), (Start: 112 @43542 has 1 MA's), (119, 43527), (155, 43332), (165, 43296), (199, 43206), (201, 43200), (208, 43185), (211, 43179), (219, 43128), (222, 43113), (232, 43077), (234, 43068), (250, 42987), (256, 42921), (257, 42915), (260, 42897),

Gene: Eurydice_69 Start: 43194, Stop: 42403, Start Num: 82

Candidate Starts for Eurydice_69:

(Start: 82 @43194 has 185 MA's), (Start: 99 @43167 has 6 MA's), (125, 43020), (164, 42819), (192, 42753), (199, 42726), (208, 42705), (219, 42648), (220, 42639), (234, 42585), (256, 42435),

Gene: EvilGenius_73 Start: 45804, Stop: 44905, Start Num: 77

Candidate Starts for EvilGenius_73:

(Start: 77 @45804 has 159 MA's), (Start: 90 @45792 has 1 MA's), (Start: 102 @45735 has 13 MA's), (Start: 105 @45705 has 1 MA's), (121, 45630), (Start: 128 @45612 has 1 MA's), (167, 45405), (170, 45390), (176, 45348), (199, 45237), (234, 45096), (256, 44934),

Gene: Expelliarmus_79 Start: 45025, Stop: 44222, Start Num: 81

Candidate Starts for Expelliarmus_79:

(Start: 81 @45025 has 12 MA's), (Start: 102 @44962 has 13 MA's), (113, 44878), (124, 44851), (140, 44791), (154, 44692), (181, 44611), (188, 44593), (201, 44551), (207, 44533), (209, 44530), (223, 44458), (224, 44455), (234, 44416), (246, 44344), (250, 44323), (260, 44230),

Gene: ExplosioNervosa_73 Start: 43533, Stop: 42691, Start Num: 77

Candidate Starts for ExplosioNervosa_73:

(Start: 77 @43533 has 159 MA's), (Start: 82 @43527 has 185 MA's), (Start: 102 @43464 has 13 MA's), (Start: 105 @43434 has 1 MA's), (116, 43371), (159, 43155), (199, 43023), (200, 43020), (201, 43017), (221, 42930), (234, 42882), (256, 42720),

Gene: Eyeball_70 Start: 44866, Stop: 44039, Start Num: 65

Candidate Starts for Eyeball_70:

(Start: 56 @44884 has 1 MA's), (60, 44875), (Start: 65 @44866 has 6 MA's), (Start: 77 @44854 has 159 MA's), (Start: 102 @44782 has 13 MA's), (Start: 112 @44701 has 1 MA's), (119, 44686), (131, 44650), (134, 44626), (150, 44524), (154, 44491), (165, 44446), (187, 44395), (210, 44332), (219, 44278), (234, 44218), (250, 44137), (256, 44071), (257, 44065), (260, 44047),

Gene: Fabian_60 Start: 33698, Stop: 32811, Start Num: 55

Candidate Starts for Fabian_60:

(Start: 51 @33704 has 3 MA's), (Start: 55 @33698 has 8 MA's), (Start: 71 @33671 has 1 MA's), (Start: 93 @33638 has 14 MA's), (Start: 98 @33623 has 2 MA's), (136, 33413), (154, 33287), (184, 33188), (196, 33143), (213, 33068), (218, 33044), (219, 33041), (250, 32897),

Gene: Fajezeel_71 Start: 44540, Stop: 43722, Start Num: 67

Candidate Starts for Fajezeel_71:

(40, 44603), (Start: 67 @44540 has 41 MA's), (Start: 77 @44528 has 159 MA's), (103, 44444), (Start: 105 @44426 has 1 MA's), (Start: 112 @44375 has 1 MA's), (119, 44360), (154, 44174), (165, 44129), (199, 44039), (201, 44033), (208, 44018), (219, 43961), (222, 43946), (232, 43910), (234, 43901), (250, 43820), (256, 43754), (257, 43748), (260, 43730),

Gene: Fameo_72 Start: 44305, Stop: 43487, Start Num: 77

Candidate Starts for Fameo_72:

(Start: 77 @44305 has 159 MA's), (Start: 102 @44233 has 13 MA's), (Start: 105 @44203 has 1 MA's), (Start: 128 @44110 has 1 MA's), (181, 43873), (195, 43840), (199, 43819), (222, 43726), (223, 43720), (234, 43678), (238, 43648), (254, 43549), (256, 43516),

Gene: Farber_77 Start: 44039, Stop: 43224, Start Num: 91

Candidate Starts for Farber_77:

(19, 44219), (Start: 91 @44039 has 77 MA's), (Start: 99 @44012 has 6 MA's), (Start: 128 @43856 has 1 MA's), (134, 43832), (138, 43805), (142, 43787), (193, 43586), (199, 43562), (208, 43538), (234, 43418), (236, 43400), (242, 43370), (256, 43256), (260, 43232),

Gene: Fascinus_65 Start: 43830, Stop: 43027, Start Num: 84

Candidate Starts for Fascinus_65:

(48, 43887), (Start: 84 @43830 has 29 MA's), (103, 43749), (Start: 105 @43731 has 1 MA's), (Start: 112 @43680 has 1 MA's), (119, 43665), (154, 43479), (165, 43434), (199, 43344), (201, 43338), (208, 43323), (211, 43317), (219, 43266), (222, 43251), (232, 43215), (234, 43206), (250, 43125), (256, 43059), (257, 43053), (260, 43035),

Gene: Fayely_73 Start: 43434, Stop: 42592, Start Num: 77

Candidate Starts for Fayely_73:

(Start: 77 @43434 has 159 MA's), (Start: 82 @43428 has 185 MA's), (Start: 102 @43365 has 13 MA's), (Start: 105 @43335 has 1 MA's), (116, 43272), (159, 43056), (199, 42924), (200, 42921), (201,

42918), (221, 42831), (234, 42783), (256, 42621),

Gene: Fenn_75 Start: 46122, Stop: 45298, Start Num: 63

Candidate Starts for Fenn_75:

(47, 46155), (Start: 63 @46122 has 40 MA's), (Start: 77 @46104 has 159 MA's), (103, 46020), (Start: 105 @46002 has 1 MA's), (Start: 112 @45951 has 1 MA's), (119, 45936), (154, 45750), (165, 45705), (199, 45615), (201, 45609), (219, 45537), (222, 45522), (232, 45486), (234, 45477), (250, 45396), (256, 45330), (257, 45324), (260, 45306),

Gene: Fernando_77 Start: 44022, Stop: 43234, Start Num: 99

Candidate Starts for Fernando_77:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: Fibonacci_75 Start: 43915, Stop: 43100, Start Num: 77

Candidate Starts for Fibonacci_75:

(Start: 77 @43915 has 159 MA's), (106, 43810), (Start: 112 @43765 has 1 MA's), (Start: 128 @43723 has 1 MA's), (133, 43705), (138, 43672), (140, 43663), (150, 43597), (201, 43426), (219, 43354), (223, 43333), (234, 43294), (256, 43132),

Gene: FiringLine_74 Start: 44660, Stop: 43842, Start Num: 77

Candidate Starts for FiringLine_74:

(Start: 77 @44660 has 159 MA's), (Start: 102 @44588 has 13 MA's), (Start: 105 @44558 has 1 MA's), (Start: 128 @44465 has 1 MA's), (140, 44405), (199, 44174), (222, 44081), (223, 44075), (234, 44033), (238, 44003), (254, 43904), (256, 43871),

Gene: First_0074 Start: 44362, Stop: 43466, Start Num: 77

Candidate Starts for First_0074:

(Start: 77 @44362 has 159 MA's), (Start: 102 @44296 has 13 MA's), (Start: 105 @44266 has 1 MA's), (121, 44191), (Start: 128 @44173 has 1 MA's), (170, 43951), (176, 43909), (195, 43819), (234, 43657),

Gene: Flare16_74 Start: 44364, Stop: 43549, Start Num: 77

Candidate Starts for Flare16_74:

(Start: 77 @44364 has 159 MA's), (Start: 102 @44295 has 13 MA's), (Start: 105 @44265 has 1 MA's), (121, 44190), (Start: 128 @44172 has 1 MA's), (200, 43878), (201, 43875), (234, 43740), (256, 43578),

Gene: Flaverint_77 Start: 44373, Stop: 43558, Start Num: 77

Candidate Starts for Flaverint_77:

(Start: 77 @44373 has 159 MA's), (106, 44268), (Start: 112 @44223 has 1 MA's), (Start: 128 @44181 has 1 MA's), (133, 44163), (150, 44055), (201, 43884), (219, 43812), (223, 43791), (234, 43752), (256, 43590),

Gene: Florean_68 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for Florean_68:

(Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234, 42548), (256, 42398),

Gene: FlowerPower_62 Start: 33704, Stop: 32811, Start Num: 51

Candidate Starts for FlowerPower_62:

(Start: 51 @33704 has 3 MA's), (Start: 55 @33698 has 8 MA's), (Start: 71 @33671 has 1 MA's), (Start: 93 @33638 has 14 MA's), (Start: 98 @33623 has 2 MA's), (136, 33413), (154, 33287), (184, 33188), (196, 33143), (213, 33068), (218, 33044), (219, 33041), (250, 32897),

Gene: Flux_68 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for Flux_68:

(15, 43370), (Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234, 42548), (256, 42398),

Gene: ForGetIt_68 Start: 42984, Stop: 42169, Start Num: 86

Candidate Starts for ForGetIt_68:

(Start: 86 @42984 has 72 MA's), (117, 42831), (125, 42810), (140, 42750), (144, 42729), (202, 42507), (219, 42411), (224, 42387), (230, 42369), (242, 42315), (246, 42291), (247, 42282), (256, 42201), (260, 42177),

Gene: Forsytheast_70 Start: 43742, Stop: 42942, Start Num: 88

Candidate Starts for Forsytheast_70:

(Start: 88 @43742 has 25 MA's), (103, 43664), (Start: 105 @43646 has 1 MA's), (Start: 112 @43595 has 1 MA's), (119, 43580), (154, 43394), (165, 43349), (199, 43259), (201, 43253), (208, 43238), (219, 43181), (222, 43166), (232, 43130), (234, 43121), (250, 43040), (256, 42974), (257, 42968), (260, 42950),

Gene: Francis47_68 Start: 45138, Stop: 44326, Start Num: 84

Candidate Starts for Francis47_68:

(47, 45195), (Start: 84 @45138 has 29 MA's), (Start: 102 @45069 has 13 MA's), (Start: 112 @44988 has 1 MA's), (119, 44973), (131, 44937), (134, 44913), (150, 44811), (154, 44778), (187, 44682), (199, 44643), (210, 44619), (219, 44565), (234, 44505), (250, 44424), (256, 44358), (257, 44352), (260, 44334),

Gene: Fred313_69 Start: 43293, Stop: 42499, Start Num: 79

Candidate Starts for Fred313_69:

(Start: 79 @43293 has 38 MA's), (199, 42825), (219, 42741), (234, 42681), (256, 42531), (260, 42507),

Gene: Froghopper_66 Start: 42801, Stop: 42001, Start Num: 88

Candidate Starts for Froghopper_66:

(Start: 88 @42801 has 25 MA's), (Start: 105 @42705 has 1 MA's), (Start: 112 @42654 has 1 MA's), (119, 42639), (154, 42453), (165, 42408), (199, 42318), (201, 42312), (208, 42297), (219, 42240), (222, 42225), (232, 42189), (234, 42180), (250, 42099), (256, 42033), (257, 42027), (260, 42009),

Gene: Funston_67 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Funston_67:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Fushigi_65 Start: 41928, Stop: 41092, Start Num: 55

Candidate Starts for Fushigi_65:

(Start: 55 @41928 has 8 MA's), (59, 41919), (Start: 65 @41910 has 6 MA's), (Start: 77 @41898 has 159 MA's), (103, 41814), (Start: 105 @41796 has 1 MA's), (Start: 112 @41745 has 1 MA's), (119, 41730), (154, 41544), (165, 41499), (199, 41409), (201, 41403), (208, 41388), (211, 41382), (219, 41331), (222, 41316), (232, 41280), (234, 41271), (250, 41190), (256, 41124), (257, 41118), (260,

41100),

Gene: Gadost_68 Start: 43162, Stop: 42371, Start Num: 82

Candidate Starts for Gadost_68:

(15, 43375), (Start: 82 @43162 has 185 MA's), (Start: 99 @43135 has 6 MA's), (125, 42988), (134, 42964), (164, 42787), (192, 42721), (199, 42694), (208, 42673), (219, 42616), (220, 42607), (234, 42553), (256, 42403),

Gene: GageAP_70 Start: 44975, Stop: 44175, Start Num: 83

Candidate Starts for GageAP_70:

(Start: 83 @44975 has 4 MA's), (Start: 112 @44828 has 1 MA's), (119, 44813), (155, 44618), (165, 44582), (199, 44492), (201, 44486), (208, 44471), (211, 44465), (219, 44414), (222, 44399), (229, 44372), (232, 44363), (234, 44354), (250, 44273), (256, 44207), (257, 44201), (260, 44183),

Gene: Gail_75 Start: 44762, Stop: 43887, Start Num: 77

Candidate Starts for Gail_75:

(20, 44933), (41, 44831), (Start: 77 @44762 has 159 MA's), (Start: 99 @44732 has 6 MA's), (Start: 102 @44699 has 13 MA's), (Start: 105 @44669 has 1 MA's), (Start: 128 @44576 has 1 MA's), (167, 44369), (171, 44339), (188, 44252), (195, 44237), (234, 44078), (237, 44051),

Gene: Gandalf20_70 Start: 44839, Stop: 44015, Start Num: 63

Candidate Starts for Gandalf20_70:

(Start: 63 @44839 has 40 MA's), (Start: 77 @44821 has 159 MA's), (103, 44737), (Start: 105 @44719 has 1 MA's), (Start: 112 @44668 has 1 MA's), (119, 44653), (154, 44467), (165, 44422), (199, 44332), (201, 44326), (208, 44311), (211, 44305), (219, 44254), (222, 44239), (232, 44203), (234, 44194), (250, 44113), (256, 44047), (257, 44041), (260, 44023),

Gene: Garak_77 Start: 43394, Stop: 42573, Start Num: 82

Candidate Starts for Garak_77:

(17, 43607), (Start: 82 @43394 has 185 MA's), (Start: 102 @43331 has 13 MA's), (Start: 105 @43301 has 1 MA's), (126, 43214), (Start: 128 @43208 has 1 MA's), (134, 43184), (187, 42956), (219, 42827), (223, 42806), (224, 42803), (226, 42794), (234, 42767), (256, 42605),

Gene: GaugeLDP_69 Start: 43938, Stop: 43126, Start Num: 77

Candidate Starts for GaugeLDP_69:

(Start: 77 @43938 has 159 MA's), (Start: 99 @43902 has 6 MA's), (Start: 105 @43839 has 1 MA's), (Start: 128 @43746 has 1 MA's), (133, 43728), (167, 43539), (200, 43452), (201, 43449), (211, 43428), (223, 43356), (226, 43344), (234, 43317), (256, 43155),

Gene: Gemma_74 Start: 43862, Stop: 43047, Start Num: 91

Candidate Starts for Gemma_74:

(Start: 91 @43862 has 77 MA's), (113, 43718), (Start: 128 @43679 has 1 MA's), (138, 43628), (142, 43610), (193, 43409), (199, 43385), (217, 43310), (234, 43241), (236, 43223), (256, 43079), (260, 43055),

Gene: George_63 Start: 42653, Stop: 41841, Start Num: 86

Candidate Starts for George_63:

(Start: 86 @42653 has 72 MA's), (117, 42500), (125, 42479), (140, 42419), (144, 42398), (202, 42176), (219, 42083), (224, 42059), (230, 42041), (242, 41987), (246, 41963), (247, 41954), (260, 41849),

Gene: Georgie2_75 Start: 44705, Stop: 43887, Start Num: 77

Candidate Starts for Georgie2_75:

(Start: 77 @44705 has 159 MA's), (Start: 102 @44633 has 13 MA's), (Start: 105 @44603 has 1 MA's), (Start: 128 @44510 has 1 MA's), (140, 44450), (199, 44219), (222, 44126), (223, 44120), (234, 44078), (238, 44048), (254, 43949), (256, 43916),

Gene: Geostin_57 Start: 33704, Stop: 32811, Start Num: 51

Candidate Starts for Geostin_57:

(Start: 51 @33704 has 3 MA's), (Start: 55 @33698 has 8 MA's), (Start: 71 @33671 has 1 MA's), (Start: 93 @33638 has 14 MA's), (Start: 98 @33623 has 2 MA's), (136, 33413), (154, 33287), (163, 33248), (184, 33188), (196, 33143), (213, 33068), (218, 33044), (219, 33041), (250, 32897),

Gene: Ghoulboy_67 Start: 42957, Stop: 42142, Start Num: 86

Candidate Starts for Ghoulboy_67:

(Start: 86 @42957 has 72 MA's), (Start: 105 @42867 has 1 MA's), (Start: 112 @42816 has 1 MA's), (113, 42813), (125, 42783), (140, 42723), (144, 42702), (195, 42510), (202, 42480), (206, 42444), (219, 42384), (220, 42375), (224, 42360), (229, 42345), (242, 42288), (246, 42264), (247, 42255), (260, 42150),

Gene: Gilberta_73 Start: 43249, Stop: 42434, Start Num: 77

Candidate Starts for Gilberta_73:

(Start: 77 @43249 has 159 MA's), (106, 43144), (Start: 112 @43099 has 1 MA's), (Start: 128 @43057 has 1 MA's), (133, 43039), (150, 42931), (201, 42760), (219, 42688), (223, 42667), (234, 42628), (256, 42466),

Gene: GingkoMaracino_77 Start: 43935, Stop: 43120, Start Num: 91

Candidate Starts for GingkoMaracino_77:

(19, 44115), (Start: 91 @43935 has 77 MA's), (Start: 99 @43908 has 6 MA's), (Start: 128 @43752 has 1 MA's), (134, 43728), (138, 43701), (142, 43683), (193, 43482), (199, 43458), (208, 43434), (234, 43314), (236, 43296), (242, 43266), (256, 43152), (260, 43128),

Gene: Giroux_70 Start: 43680, Stop: 42886, Start Num: 79

Candidate Starts for Giroux_70:

(Start: 79 @43680 has 38 MA's), (130, 43500), (194, 43236), (222, 43113), (234, 43068), (256, 42918), (260, 42894),

Gene: Gladiator_73 Start: 43297, Stop: 42476, Start Num: 82

Candidate Starts for Gladiator_73:

(17, 43510), (Start: 82 @43297 has 185 MA's), (Start: 102 @43234 has 13 MA's), (Start: 105 @43204 has 1 MA's), (126, 43117), (Start: 128 @43111 has 1 MA's), (134, 43087), (187, 42859), (219, 42730), (223, 42709), (224, 42706), (226, 42697), (234, 42670), (254, 42541), (256, 42508),

Gene: Gollum_56 Start: 39340, Stop: 38534, Start Num: 86

Candidate Starts for Gollum_56:

(Start: 86 @39340 has 72 MA's), (95, 39331), (101, 39295), (Start: 105 @39253 has 1 MA's), (107, 39229), (Start: 109 @39223 has 1 MA's), (125, 39169), (132, 39154), (150, 39043), (180, 38935), (214, 38818), (219, 38791), (230, 38746), (231, 38743), (234, 38728), (250, 38647), (257, 38572),

Gene: Gompeii16_68 Start: 45590, Stop: 44778, Start Num: 84

Candidate Starts for Gompeii16_68:

(47, 45647), (Start: 84 @45590 has 29 MA's), (Start: 102 @45521 has 13 MA's), (Start: 112 @45440 has 1 MA's), (119, 45425), (131, 45389), (134, 45365), (154, 45230), (187, 45134), (210, 45071), (219, 45017), (222, 45002), (232, 44966), (234, 44957), (250, 44876), (256, 44810), (257, 44804), (260, 44786),

Gene: Goose_69 Start: 42764, Stop: 41940, Start Num: 57

Candidate Starts for Goose_69:

(18, 42923), (Start: 57 @42764 has 17 MA's), (Start: 99 @42704 has 6 MA's), (Start: 105 @42641 has 1 MA's), (125, 42557), (132, 42542), (134, 42533), (199, 42263), (200, 42260), (205, 42245), (219, 42185), (234, 42122), (246, 42062), (254, 42005), (260, 41948),

Gene: Graduation_75 Start: 45662, Stop: 44838, Start Num: 63

Candidate Starts for Graduation_75:

(Start: 63 @45662 has 40 MA's), (Start: 77 @45644 has 159 MA's), (103, 45560), (Start: 105 @45542 has 1 MA's), (Start: 112 @45491 has 1 MA's), (119, 45476), (154, 45290), (165, 45245), (199, 45155), (201, 45149), (208, 45134), (211, 45128), (219, 45077), (222, 45062), (232, 45026), (234, 45017), (250, 44936), (256, 44870), (257, 44864), (260, 44846),

Gene: GrecoEtereo_70 Start: 44027, Stop: 43293, Start Num: 102

Candidate Starts for GrecoEtereo_70:

(50, 44141), (52, 44138), (54, 44135), (Start: 102 @44027 has 13 MA's), (Start: 112 @43946 has 1 MA's), (119, 43931), (154, 43745), (165, 43700), (199, 43610), (201, 43604), (211, 43583), (219, 43532), (222, 43517), (232, 43481), (234, 43472), (250, 43391), (256, 43325), (257, 43319), (260, 43301),

Gene: GreedyLawyer_71 Start: 43196, Stop: 42369, Start Num: 82

Candidate Starts for GreedyLawyer_71:

(Start: 82 @43196 has 185 MA's), (97, 43166), (Start: 102 @43124 has 13 MA's), (Start: 105 @43094 has 1 MA's), (Start: 112 @43043 has 1 MA's), (126, 43007), (134, 42977), (140, 42941), (152, 42857), (187, 42749), (200, 42695), (201, 42692), (219, 42620), (223, 42599), (224, 42596), (234, 42560), (256, 42398),

Gene: Greg_71 Start: 44540, Stop: 43722, Start Num: 67

Candidate Starts for Greg_71:

(40, 44603), (Start: 67 @44540 has 41 MA's), (Start: 77 @44528 has 159 MA's), (103, 44444), (Start: 105 @44426 has 1 MA's), (Start: 112 @44375 has 1 MA's), (119, 44360), (154, 44174), (165, 44129), (199, 44039), (201, 44033), (208, 44018), (219, 43961), (222, 43946), (232, 43910), (234, 43901), (250, 43820), (256, 43754), (257, 43748), (260, 43730),

Gene: Gremlin23_62 Start: 33704, Stop: 32811, Start Num: 51

Candidate Starts for Gremlin23_62:

(Start: 51 @33704 has 3 MA's), (Start: 55 @33698 has 8 MA's), (Start: 71 @33671 has 1 MA's), (Start: 93 @33638 has 14 MA's), (Start: 98 @33623 has 2 MA's), (136, 33413), (154, 33287), (184, 33188), (196, 33143), (213, 33068), (218, 33044), (219, 33041), (250, 32897),

Gene: Grif_75 Start: 44123, Stop: 43308, Start Num: 91

Candidate Starts for Grif_75:

(19, 44303), (Start: 91 @44123 has 77 MA's), (Start: 99 @44096 has 6 MA's), (Start: 128 @43940 has 1 MA's), (134, 43916), (138, 43889), (142, 43871), (193, 43670), (199, 43646), (208, 43622), (234, 43502), (236, 43484), (242, 43454), (256, 43340), (260, 43316),

Gene: Groundhog_80 Start: 45081, Stop: 44278, Start Num: 81

Candidate Starts for Groundhog_80:

(Start: 81 @45081 has 12 MA's), (Start: 102 @45018 has 13 MA's), (113, 44934), (124, 44907), (140, 44847), (154, 44748), (181, 44667), (188, 44649), (201, 44607), (207, 44589), (209, 44586), (223, 44514), (224, 44511), (234, 44472), (246, 44400), (250, 44379), (260, 44286),

Gene: Groupthink_77 Start: 43866, Stop: 43051, Start Num: 91

Candidate Starts for Groupthink_77:

(19, 44043), (Start: 91 @43866 has 77 MA's), (Start: 105 @43776 has 1 MA's), (Start: 128 @43683 has 1 MA's), (134, 43659), (142, 43614), (193, 43413), (199, 43389), (217, 43314), (234, 43245), (236, 43227), (256, 43083), (260, 43059),

Gene: Grub_75 Start: 44041, Stop: 43226, Start Num: 91

Candidate Starts for Grub_75:

(19, 44221), (Start: 91 @44041 has 77 MA's), (Start: 99 @44014 has 6 MA's), (Start: 128 @43858 has 1 MA's), (134, 43834), (138, 43807), (142, 43789), (193, 43588), (199, 43564), (208, 43540), (234, 43420), (236, 43402), (242, 43372), (256, 43258), (260, 43234),

Gene: Grum1_76 Start: 44049, Stop: 43234, Start Num: 91

Candidate Starts for Grum1_76:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: Gruunaga_75 Start: 43252, Stop: 42431, Start Num: 82

Candidate Starts for Gruunaga_75:

(17, 43465), (Start: 82 @43252 has 185 MA's), (Start: 102 @43189 has 13 MA's), (Start: 105 @43159 has 1 MA's), (126, 43072), (Start: 128 @43066 has 1 MA's), (134, 43042), (187, 42814), (219, 42685), (223, 42664), (224, 42661), (226, 42652), (234, 42625), (256, 42463),

Gene: GtownJaz_77 Start: 44050, Stop: 43235, Start Num: 91

Candidate Starts for GtownJaz_77:

(19, 44230), (Start: 91 @44050 has 77 MA's), (Start: 99 @44023 has 6 MA's), (Start: 128 @43867 has 1 MA's), (134, 43843), (138, 43816), (142, 43798), (193, 43597), (199, 43573), (208, 43549), (234, 43429), (236, 43411), (242, 43381), (256, 43267), (260, 43243),

Gene: Gwendoluna_74 Start: 46147, Stop: 45317, Start Num: 64

Candidate Starts for Gwendoluna_74:

(Start: 31 @46231 has 1 MA's), (Start: 64 @46147 has 3 MA's), (Start: 77 @46135 has 159 MA's), (100, 46084), (Start: 102 @46060 has 13 MA's), (Start: 112 @45979 has 1 MA's), (119, 45964), (131, 45928), (134, 45904), (150, 45802), (154, 45769), (187, 45673), (210, 45610), (219, 45556), (234, 45496), (250, 45415), (256, 45349), (257, 45343), (260, 45325),

Gene: Gyzlar_64 Start: 41854, Stop: 41036, Start Num: 67

Candidate Starts for Gyzlar_64:

(61, 41863), (Start: 67 @41854 has 41 MA's), (Start: 77 @41842 has 159 MA's), (Start: 105 @41740 has 1 MA's), (Start: 112 @41689 has 1 MA's), (119, 41674), (154, 41488), (165, 41443), (199, 41353), (201, 41347), (208, 41332), (211, 41326), (219, 41275), (222, 41260), (232, 41224), (234, 41215), (250, 41134), (256, 41068), (257, 41062), (260, 41044),

Gene: HINdeR_68 Start: 46021, Stop: 45206, Start Num: 62

Candidate Starts for HINdeR_68:

(Start: 62 @46021 has 1 MA's), (125, 45835), (132, 45820), (135, 45805), (151, 45697), (195, 45562), (201, 45535), (204, 45514), (211, 45499), (225, 45424), (234, 45388), (246, 45328),

Gene: HamSlice_64 Start: 43156, Stop: 42365, Start Num: 82

Candidate Starts for HamSlice_64:

(Start: 82 @43156 has 185 MA's), (Start: 99 @43129 has 6 MA's), (125, 42982), (134, 42958), (164, 42781), (192, 42715), (199, 42688), (208, 42667), (219, 42610), (220, 42601), (234, 42547), (256, 42397),

Gene: Hami1_60 Start: 39510, Stop: 38674, Start Num: 55

Candidate Starts for Hami1_60:

(Start: 55 @39510 has 8 MA's), (59, 39501), (Start: 65 @39492 has 6 MA's), (Start: 77 @39480 has 159 MA's), (103, 39396), (Start: 105 @39378 has 1 MA's), (Start: 112 @39327 has 1 MA's), (119, 39312), (154, 39126), (165, 39081), (199, 38991), (201, 38985), (208, 38970), (211, 38964), (219, 38913), (222, 38898), (232, 38862), (234, 38853), (250, 38772), (256, 38706), (257, 38700), (260, 38682),

Gene: Hammer_76 Start: 42959, Stop: 42138, Start Num: 82

Candidate Starts for Hammer_76:

(17, 43172), (Start: 82 @42959 has 185 MA's), (Start: 102 @42896 has 13 MA's), (Start: 105 @42866 has 1 MA's), (126, 42779), (Start: 128 @42773 has 1 MA's), (134, 42749), (187, 42521), (219, 42392), (223, 42371), (224, 42368), (226, 42359), (234, 42332), (256, 42170),

Gene: HanShotFirst_70 Start: 45581, Stop: 44757, Start Num: 63

Candidate Starts for HanShotFirst_70:

(Start: 63 @45581 has 40 MA's), (Start: 77 @45563 has 159 MA's), (103, 45479), (Start: 105 @45461 has 1 MA's), (110, 45419), (Start: 112 @45410 has 1 MA's), (119, 45395), (154, 45209), (165, 45164), (199, 45074), (201, 45068), (208, 45053), (211, 45047), (219, 44996), (222, 44981), (232, 44945), (234, 44936), (250, 44855), (256, 44789), (257, 44783), (260, 44765),

Gene: Happiness_67 Start: 43180, Stop: 42389, Start Num: 82

Candidate Starts for Happiness_67:

(28, 43255), (Start: 82 @43180 has 185 MA's), (Start: 99 @43153 has 6 MA's), (125, 43006), (134, 42982), (164, 42805), (192, 42739), (199, 42712), (208, 42691), (219, 42634), (220, 42625), (234, 42571), (256, 42421),

Gene: Harlequin_55 Start: 39129, Stop: 38320, Start Num: 86

Candidate Starts for Harlequin_55:

(Start: 86 @39129 has 72 MA's), (95, 39117), (101, 39081), (107, 39015), (Start: 109 @39009 has 1 MA's), (125, 38955), (132, 38940), (150, 38829), (152, 38811), (203, 38646), (214, 38604), (219, 38577), (230, 38532), (231, 38529), (234, 38514), (256, 38364), (257, 38358),

Gene: HarryHoudini_74 Start: 44395, Stop: 43580, Start Num: 77

Candidate Starts for HarryHoudini_74:

(Start: 77 @44395 has 159 MA's), (Start: 102 @44326 has 13 MA's), (Start: 105 @44296 has 1 MA's), (121, 44221), (Start: 128 @44203 has 1 MA's), (200, 43909), (201, 43906), (234, 43771), (256, 43609),

Gene: HarryOW_68 Start: 44600, Stop: 43800, Start Num: 80

Candidate Starts for HarryOW_68:

(Start: 80 @44600 has 1 MA's), (103, 44522), (Start: 105 @44504 has 1 MA's), (Start: 112 @44453 has 1 MA's), (119, 44438), (154, 44252), (165, 44207), (199, 44117), (201, 44111), (211, 44090), (219, 44039), (222, 44024), (232, 43988), (234, 43979), (250, 43898), (256, 43832), (257, 43826), (260, 43808),

Gene: HashRod_78 Start: 44077, Stop: 43262, Start Num: 91

Candidate Starts for HashRod_78:

(19, 44257), (Start: 91 @44077 has 77 MA's), (Start: 99 @44050 has 6 MA's), (Start: 128 @43894 has 1 MA's), (134, 43870), (138, 43843), (142, 43825), (193, 43624), (199, 43600), (208, 43576), (234, 43456), (236, 43438), (242, 43408), (256, 43294), (260, 43270),

Gene: HaugeAnator_66 Start: 34368, Stop: 33547, Start Num: 93

Candidate Starts for HaugeAnator_66:

(Start: 93 @34368 has 14 MA's), (Start: 98 @34353 has 2 MA's), (113, 34230), (129, 34185), (132, 34173), (135, 34158), (138, 34137), (153, 34026), (157, 33996), (184, 33918), (218, 33786), (228, 33744), (231, 33735), (240, 33687), (250, 33633),

Gene: HaveUMetTed_77 Start: 43851, Stop: 43036, Start Num: 91

Candidate Starts for HaveUMetTed_77:

(Start: 91 @43851 has 77 MA's), (113, 43707), (Start: 128 @43668 has 1 MA's), (138, 43617), (142, 43599), (193, 43398), (199, 43374), (217, 43299), (234, 43230), (236, 43212), (256, 43068), (260, 43044),

Gene: Heathen_71 Start: 43388, Stop: 42594, Start Num: 79

Candidate Starts for Heathen_71:

(Start: 79 @43388 has 38 MA's), (199, 42920), (219, 42836), (234, 42776), (256, 42626), (260, 42602),

Gene: Heffalump_71 Start: 44773, Stop: 43955, Start Num: 77

Candidate Starts for Heffalump_71:

(Start: 77 @44773 has 159 MA's), (Start: 102 @44701 has 13 MA's), (Start: 105 @44671 has 1 MA's), (Start: 128 @44578 has 1 MA's), (195, 44308), (199, 44287), (222, 44194), (223, 44188), (234, 44146), (238, 44116), (254, 44017), (256, 43984),

Gene: HelDan_71 Start: 43604, Stop: 42810, Start Num: 79

Candidate Starts for HelDan_71:

(Start: 79 @43604 has 38 MA's), (199, 43136), (219, 43052), (234, 42992), (256, 42842), (260, 42818),

Gene: Heliosoles_74 Start: 43869, Stop: 43054, Start Num: 91

Candidate Starts for Heliosoles_74:

(19, 44046), (Start: 91 @43869 has 77 MA's), (Start: 105 @43779 has 1 MA's), (Start: 128 @43686 has 1 MA's), (134, 43662), (142, 43617), (193, 43416), (199, 43392), (217, 43317), (234, 43248), (236, 43230), (256, 43086), (260, 43062),

Gene: Helmet_77 Start: 43394, Stop: 42573, Start Num: 82

Candidate Starts for Helmet_77:

(17, 43607), (Start: 82 @43394 has 185 MA's), (Start: 102 @43331 has 13 MA's), (Start: 105 @43301 has 1 MA's), (126, 43214), (Start: 128 @43208 has 1 MA's), (134, 43184), (187, 42956), (219, 42827), (223, 42806), (224, 42803), (226, 42794), (234, 42767), (256, 42605),

Gene: Herbertwm_70 Start: 44082, Stop: 43123, Start Num: 90

Candidate Starts for Herbertwm_70:

(49, 44142), (Start: 90 @44082 has 1 MA's), (100, 44043), (Start: 102 @44019 has 13 MA's), (Start: 105 @43989 has 1 MA's), (122, 43911), (Start: 128 @43896 has 1 MA's), (140, 43836), (156, 43725), (167, 43689), (191, 43503), (201, 43449), (208, 43434), (223, 43356), (224, 43353), (234, 43314), (256, 43152),

Gene: Hercules11_77 Start: 44058, Stop: 43243, Start Num: 91

Candidate Starts for Hercules11_77:

(19, 44238), (Start: 91 @44058 has 77 MA's), (Start: 99 @44031 has 6 MA's), (Start: 128 @43875 has 1 MA's), (134, 43851), (138, 43824), (142, 43806), (193, 43605), (199, 43581), (208, 43557), (234, 43437), (236, 43419), (242, 43389), (256, 43275), (260, 43251),

Gene: Hermia_66 Start: 43541, Stop: 42723, Start Num: 67

Candidate Starts for Hermia_66:

(Start: 57 @43559 has 17 MA's), (Start: 67 @43541 has 41 MA's), (Start: 77 @43529 has 159 MA's), (103, 43445), (Start: 105 @43427 has 1 MA's), (Start: 112 @43376 has 1 MA's), (119, 43361), (154, 43175), (165, 43130), (199, 43040), (201, 43034), (208, 43019), (210, 43016), (211, 43013), (219, 42962), (232, 42911), (234, 42902), (250, 42821), (256, 42755), (257, 42749), (260, 42731),

Gene: HermioneGrange_71 Start: 45028, Stop: 44228, Start Num: 88

Candidate Starts for HermioneGrange_71:

(Start: 88 @45028 has 25 MA's), (103, 44950), (Start: 105 @44932 has 1 MA's), (Start: 112 @44881 has 1 MA's), (119, 44866), (154, 44680), (165, 44635), (199, 44545), (201, 44539), (208, 44524), (211, 44518), (219, 44467), (222, 44452), (232, 44416), (234, 44407), (250, 44326), (256, 44260), (257, 44254), (260, 44236),

Gene: Hexamo_75 Start: 42928, Stop: 42107, Start Num: 82

Candidate Starts for Hexamo_75:

(17, 43141), (Start: 82 @42928 has 185 MA's), (Start: 102 @42865 has 13 MA's), (Start: 105 @42835 has 1 MA's), (126, 42748), (Start: 128 @42742 has 1 MA's), (134, 42718), (219, 42361), (223, 42340), (224, 42337), (226, 42328), (234, 42301), (256, 42139),

Gene: Hiro_56 Start: 39605, Stop: 38796, Start Num: 86

Candidate Starts for Hiro_56:

(Start: 86 @39605 has 72 MA's), (95, 39593), (101, 39557), (107, 39491), (Start: 109 @39485 has 1 MA's), (125, 39431), (132, 39416), (134, 39407), (150, 39305), (214, 39080), (219, 39053), (230, 39008), (231, 39005), (234, 38990), (250, 38909), (256, 38840),

Gene: Holli_67 Start: 42948, Stop: 42157, Start Num: 82

Candidate Starts for Holli_67:

(Start: 82 @42948 has 185 MA's), (Start: 99 @42921 has 6 MA's), (125, 42774), (134, 42750), (164, 42573), (192, 42507), (199, 42480), (208, 42459), (219, 42402), (220, 42393), (234, 42339), (256, 42189),

Gene: Homines_60 Start: 39871, Stop: 39053, Start Num: 67

Candidate Starts for Homines_60:

(Start: 57 @39889 has 17 MA's), (Start: 67 @39871 has 41 MA's), (Start: 77 @39859 has 159 MA's), (Start: 112 @39706 has 1 MA's), (119, 39691), (154, 39505), (165, 39460), (199, 39370), (201, 39364), (208, 39349), (219, 39292), (232, 39241), (234, 39232), (250, 39151), (256, 39085), (257, 39079), (260, 39061),

Gene: Hookmount_71 Start: 43639, Stop: 42845, Start Num: 79

Candidate Starts for Hookmount_71:

(Start: 79 @43639 has 38 MA's), (125, 43465), (194, 43195), (199, 43171), (234, 43027), (246, 42967), (256, 42877), (260, 42853),

Gene: Hoot_71 Start: 41081, Stop: 40254, Start Num: 82

Candidate Starts for Hoot_71:

(Start: 82 @41081 has 185 MA's), (97, 41051), (Start: 102 @41009 has 13 MA's), (Start: 105 @40979 has 1 MA's), (Start: 112 @40928 has 1 MA's), (126, 40892), (134, 40862), (140, 40826), (152, 40742), (187, 40634), (200, 40580), (201, 40577), (219, 40505), (223, 40484), (224, 40481), (234, 40445), (256, 40283),

Gene: Hope4ever_72 Start: 45094, Stop: 44276, Start Num: 65

Candidate Starts for Hope4ever_72:

(Start: 55 @45112 has 8 MA's), (59, 45103), (Start: 65 @45094 has 6 MA's), (Start: 77 @45082 has 159 MA's), (103, 44998), (Start: 105 @44980 has 1 MA's), (Start: 112 @44929 has 1 MA's), (119, 44914), (154, 44728), (165, 44683), (199, 44593), (201, 44587), (208, 44572), (219, 44515), (222, 44500), (232, 44464), (234, 44455), (250, 44374), (256, 44308), (257, 44302), (260, 44284),

Gene: HortumSL17_76 Start: 43796, Stop: 42954, Start Num: 77

Candidate Starts for HortumSL17_76:

(Start: 77 @43796 has 159 MA's), (Start: 82 @43790 has 185 MA's), (Start: 102 @43727 has 13 MA's), (Start: 105 @43697 has 1 MA's), (116, 43634), (159, 43418), (199, 43286), (200, 43283), (201, 43280), (221, 43193), (234, 43145), (256, 42983),

Gene: Houdini22_67 Start: 43162, Stop: 42371, Start Num: 82

Candidate Starts for Houdini22_67:

(15, 43375), (Start: 82 @43162 has 185 MA's), (Start: 99 @43135 has 6 MA's), (125, 42988), (134, 42964), (164, 42787), (192, 42721), (199, 42694), (208, 42673), (219, 42616), (220, 42607), (234, 42553), (256, 42403),

Gene: HuhtaEnerson15_65 Start: 42562, Stop: 41750, Start Num: 86

Candidate Starts for HuhtaEnerson15_65:

(Start: 86 @42562 has 72 MA's), (117, 42409), (125, 42388), (140, 42328), (144, 42307), (202, 42085), (219, 41992), (224, 41968), (230, 41950), (242, 41896), (246, 41872), (247, 41863), (260, 41758),

Gene: Hutc2_71 Start: 42798, Stop: 41983, Start Num: 77

Candidate Starts for Hutc2_71:

(Start: 77 @42798 has 159 MA's), (106, 42693), (Start: 112 @42648 has 1 MA's), (Start: 128 @42606 has 1 MA's), (133, 42588), (138, 42555), (140, 42546), (150, 42480), (201, 42309), (219, 42237), (223, 42216), (234, 42177), (256, 42015),

Gene: ICleared_67 Start: 43226, Stop: 42435, Start Num: 82

Candidate Starts for ICleared_67:

(Start: 82 @43226 has 185 MA's), (Start: 99 @43199 has 6 MA's), (125, 43052), (164, 42851), (192, 42785), (199, 42758), (208, 42737), (219, 42680), (220, 42671), (234, 42617), (256, 42467),

Gene: ILeeKay_70 Start: 43616, Stop: 42792, Start Num: 63

Candidate Starts for ILeeKay_70:

(47, 43649), (Start: 63 @43616 has 40 MA's), (Start: 77 @43598 has 159 MA's), (103, 43514), (Start: 105 @43496 has 1 MA's), (Start: 112 @43445 has 1 MA's), (119, 43430), (154, 43244), (165, 43199), (199, 43109), (201, 43103), (208, 43088), (211, 43082), (219, 43031), (222, 43016), (232, 42980), (234, 42971), (250, 42890), (256, 42824), (257, 42818), (260, 42800),

Gene: Ibantik_53 Start: 23276, Stop: 22473, Start Num: 77

Candidate Starts for Ibantik_53:

(36, 23351), (45, 23327), (Start: 77 @23276 has 159 MA's), (Start: 99 @23243 has 6 MA's), (Start: 105 @23177 has 1 MA's), (132, 23078), (137, 23045), (141, 23030), (145, 23000), (158, 22910), (164, 22895), (166, 22883), (186, 22835), (188, 22829), (192, 22820), (217, 22721), (220, 22706), (241, 22625), (244, 22610), (250, 22574), (252, 22562), (256, 22508),

Gene: Iceman_67 Start: 43447, Stop: 42656, Start Num: 82

Candidate Starts for Iceman_67:

(15, 43660), (Start: 82 @43447 has 185 MA's), (Start: 99 @43420 has 6 MA's), (125, 43273), (134, 43249), (164, 43072), (192, 43006), (199, 42979), (208, 42958), (219, 42901), (220, 42892), (234, 42838), (256, 42688),

Gene: Ichabod_73 Start: 45056, Stop: 44322, Start Num: 102

Candidate Starts for Ichabod_73:

(50, 45170), (52, 45167), (54, 45164), (Start: 102 @45056 has 13 MA's), (Start: 112 @44975 has 1 MA's), (119, 44960), (154, 44774), (165, 44729), (199, 44639), (201, 44633), (208, 44618), (211, 44612), (219, 44561), (222, 44546), (232, 44510), (234, 44501), (250, 44420), (256, 44354), (257, 44348), (260, 44330),

Gene: Idleandcovert_72 Start: 43681, Stop: 42887, Start Num: 79

Candidate Starts for Idleandcovert_72:

(Start: 79 @43681 has 38 MA's), (130, 43501), (194, 43237), (222, 43114), (234, 43069), (256, 42919), (260, 42895),

Gene: IgnatiusPatJac_69 Start: 43628, Stop: 42894, Start Num: 102

Candidate Starts for IgnatiusPatJac_69:

(50, 43742), (52, 43739), (54, 43736), (Start: 102 @43628 has 13 MA's), (Start: 112 @43547 has 1 MA's), (119, 43532), (154, 43346), (165, 43301), (199, 43211), (201, 43205), (208, 43190), (211, 43184), (219, 43133), (222, 43118), (232, 43082), (234, 43073), (250, 42992), (256, 42926), (257, 42920), (260, 42902),

Gene: Immanuel3_65 Start: 34356, Stop: 33550, Start Num: 98

Candidate Starts for Immanuel3_65:

(Start: 93 @34371 has 14 MA's), (Start: 98 @34356 has 2 MA's), (113, 34233), (129, 34188), (132, 34176), (135, 34161), (138, 34140), (153, 34029), (157, 33999), (184, 33921), (218, 33789), (228, 33747), (231, 33738), (240, 33690), (250, 33636),

Gene: Indra_79 Start: 43395, Stop: 42574, Start Num: 82

Candidate Starts for Indra_79:

(17, 43608), (Start: 82 @43395 has 185 MA's), (Start: 102 @43332 has 13 MA's), (Start: 105 @43302 has 1 MA's), (126, 43215), (Start: 128 @43209 has 1 MA's), (134, 43185), (187, 42957), (219, 42828), (223, 42807), (224, 42804), (226, 42795), (234, 42768), (256, 42606),

Gene: Insomnia_74 Start: 44090, Stop: 43275, Start Num: 77

Candidate Starts for Insomnia_74:

(Start: 77 @44090 has 159 MA's), (106, 43985), (Start: 112 @43940 has 1 MA's), (Start: 128 @43898 has 1 MA's), (133, 43880), (138, 43847), (140, 43838), (150, 43772), (201, 43601), (219, 43529), (223, 43508), (234, 43469), (256, 43307),

Gene: Iracema64_68 Start: 43425, Stop: 42634, Start Num: 82

Candidate Starts for Iracema64_68:

(Start: 82 @43425 has 185 MA's), (Start: 99 @43398 has 6 MA's), (125, 43251), (134, 43227), (164, 43050), (192, 42984), (199, 42957), (208, 42936), (219, 42879), (220, 42870), (234, 42816), (256, 42666),

Gene: IronMan_71 Start: 45521, Stop: 44709, Start Num: 82

Candidate Starts for IronMan_71:

(44, 45584), (Start: 82 @45521 has 185 MA's), (Start: 88 @45515 has 25 MA's), (Start: 99 @45485 has 6 MA's), (Start: 102 @45452 has 13 MA's), (Start: 105 @45422 has 1 MA's), (Start: 128 @45329 has 1 MA's), (201, 45032), (234, 44900), (256, 44738),

Gene: Isca_69 Start: 43159, Stop: 42362, Start Num: 79

Candidate Starts for Isca_69:

(32, 43231), (Start: 79 @43159 has 38 MA's), (103, 43084), (199, 42688), (219, 42604), (234, 42544), (256, 42394), (260, 42370),

Gene: Isiphiwo_73 Start: 43247, Stop: 42420, Start Num: 82

Candidate Starts for Isiphiwo_73:

(Start: 82 @43247 has 185 MA's), (97, 43217), (Start: 102 @43175 has 13 MA's), (Start: 105 @43145 has 1 MA's), (Start: 112 @43094 has 1 MA's), (126, 43058), (134, 43028), (140, 42992), (152, 42908), (187, 42800), (200, 42746), (201, 42743), (219, 42671), (223, 42650), (224, 42647), (234, 42611), (256, 42449),

Gene: Iwokeuplikedis_75 Start: 44845, Stop: 43922, Start Num: 77

Candidate Starts for Iwokeuplikedis_75:

(2, 45181), (6, 45154), (7, 45151), (Start: 77 @44845 has 159 MA's), (Start: 102 @44773 has 13 MA's), (Start: 105 @44743 has 1 MA's), (121, 44668), (Start: 128 @44650 has 1 MA's), (174, 44389), (177, 44371), (234, 44113), (242, 44065), (256, 43951),

Gene: JC27_73 Start: 44892, Stop: 44068, Start Num: 63

Candidate Starts for JC27_73:

(47, 44925), (Start: 63 @44892 has 40 MA's), (Start: 77 @44874 has 159 MA's), (103, 44790), (Start: 105 @44772 has 1 MA's), (Start: 112 @44721 has 1 MA's), (119, 44706), (155, 44511), (165, 44475), (198, 44388), (199, 44385), (201, 44379), (208, 44364), (211, 44358), (219, 44307), (222, 44292), (232, 44256), (234, 44247), (250, 44166), (256, 44100), (257, 44094), (260, 44076),

Gene: JF2_69 Start: 41854, Stop: 41057, Start Num: 79

Candidate Starts for JF2_69:

(32, 41926), (Start: 79 @41854 has 38 MA's), (103, 41779), (199, 41383), (219, 41299), (234, 41239), (256, 41089), (260, 41065),

Gene: JF4_69 Start: 41854, Stop: 41057, Start Num: 79

Candidate Starts for JF4_69:

(32, 41926), (Start: 79 @41854 has 38 MA's), (103, 41779), (199, 41383), (219, 41299), (234, 41239), (256, 41089), (260, 41065),

Gene: JHC117_73 Start: 44047, Stop: 43232, Start Num: 91

Candidate Starts for JHC117_73:

(19, 44227), (Start: 91 @44047 has 77 MA's), (Start: 99 @44020 has 6 MA's), (Start: 128 @43864 has 1 MA's), (134, 43840), (138, 43813), (142, 43795), (193, 43594), (199, 43570), (208, 43546), (234, 43426), (236, 43408), (242, 43378), (256, 43264), (260, 43240),

Gene: JPandJE_66 Start: 34887, Stop: 34066, Start Num: 93

Candidate Starts for JPandJE_66:

(Start: 93 @34887 has 14 MA's), (Start: 98 @34872 has 2 MA's), (113, 34749), (129, 34704), (132, 34692), (135, 34677), (138, 34656), (153, 34545), (157, 34515), (184, 34437), (218, 34305), (228, 34263), (231, 34254), (240, 34206), (250, 34152),

Gene: JSwag_82 Start: 44508, Stop: 43660, Start Num: 77

Candidate Starts for JSwag_82:

(Start: 77 @44508 has 159 MA's), (Start: 82 @44502 has 185 MA's), (Start: 99 @44460 has 6 MA's), (Start: 102 @44427 has 13 MA's), (Start: 105 @44397 has 1 MA's), (Start: 128 @44304 has 1 MA's), (223, 43893), (224, 43890), (234, 43851),

Gene: Jaan_72 Start: 45691, Stop: 44879, Start Num: 82

Candidate Starts for Jaan_72:

(10, 46012), (11, 46006), (12, 45994), (14, 45985), (44, 45754), (Start: 82 @45691 has 185 MA's), (Start: 88 @45685 has 25 MA's), (Start: 99 @45655 has 6 MA's), (Start: 102 @45622 has 13 MA's), (Start: 105 @45592 has 1 MA's), (Start: 128 @45499 has 1 MA's), (201, 45202), (234, 45070), (242, 45022), (256, 44908),

Gene: Jabiru_69 Start: 43137, Stop: 42322, Start Num: 86

Candidate Starts for Jabiru_69:

(38, 43224), (Start: 86 @43137 has 72 MA's), (Start: 105 @43047 has 1 MA's), (125, 42963), (140, 42903), (144, 42882), (153, 42813), (195, 42690), (202, 42660), (206, 42624), (211, 42615), (219, 42564), (220, 42555), (224, 42540), (229, 42525), (242, 42468), (246, 42444), (247, 42435), (256, 42354), (260, 42330),

Gene: Jabith_75 Start: 44107, Stop: 43292, Start Num: 77

Candidate Starts for Jabith_75:

(Start: 77 @44107 has 159 MA's), (106, 44002), (Start: 112 @43957 has 1 MA's), (Start: 128 @43915 has 1 MA's), (133, 43897), (138, 43864), (140, 43855), (150, 43789), (201, 43618), (219, 43546), (223, 43525), (234, 43486), (256, 43324),

Gene: JackSparrow_72 Start: 44260, Stop: 43439, Start Num: 67

Candidate Starts for JackSparrow_72:

(33, 44344), (Start: 67 @44260 has 41 MA's), (Start: 77 @44248 has 159 MA's), (103, 44161), (Start: 105 @44143 has 1 MA's), (Start: 112 @44092 has 1 MA's), (119, 44077), (154, 43891), (165, 43846), (199, 43756), (201, 43750), (208, 43735), (211, 43729), (219, 43678), (222, 43663), (232, 43627), (234, 43618), (250, 43537), (256, 43471), (257, 43465), (260, 43447),

Gene: Jasper_71 Start: 43469, Stop: 42645, Start Num: 63

Candidate Starts for Jasper_71:

(47, 43502), (Start: 63 @43469 has 40 MA's), (Start: 77 @43451 has 159 MA's), (103, 43367), (Start: 105 @43349 has 1 MA's), (Start: 112 @43298 has 1 MA's), (119, 43283), (154, 43097), (165, 43052), (199, 42962), (201, 42956), (208, 42941), (219, 42884), (222, 42869), (232, 42833), (234, 42824), (250, 42743), (256, 42677), (257, 42671), (260, 42653),

Gene: Jaykayelowell_65 Start: 43151, Stop: 42360, Start Num: 82

Candidate Starts for Jaykayelowell_65:

(15, 43364), (Start: 82 @43151 has 185 MA's), (Start: 99 @43124 has 6 MA's), (125, 42977), (134, 42953), (164, 42776), (192, 42710), (199, 42683), (208, 42662), (219, 42605), (220, 42596), (234, 42542), (256, 42392),

Gene: Jeeves_77 Start: 43678, Stop: 42872, Start Num: 77

Candidate Starts for Jeeves_77:

(Start: 77 @43678 has 159 MA's), (Start: 99 @43648 has 6 MA's), (Start: 102 @43615 has 13 MA's), (Start: 105 @43585 has 1 MA's), (Start: 112 @43534 has 1 MA's), (Start: 128 @43492 has 1 MA's), (167, 43285), (188, 43237), (228, 43084), (234, 43063), (237, 43036), (256, 42901),

Gene: Jeffabunny_76 Start: 43021, Stop: 42200, Start Num: 82

Candidate Starts for Jeffabunny_76:

(17, 43234), (Start: 82 @43021 has 185 MA's), (Start: 102 @42958 has 13 MA's), (Start: 105 @42928 has 1 MA's), (126, 42841), (Start: 128 @42835 has 1 MA's), (134, 42811), (187, 42583), (219, 42454), (223, 42433), (224, 42430), (226, 42421), (234, 42394), (256, 42232),

Gene: JenCasNa_78 Start: 44049, Stop: 43234, Start Num: 91

Candidate Starts for JenCasNa_78:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: JeppNRM_77 Start: 43867, Stop: 43052, Start Num: 91

Candidate Starts for JeppNRM_77:

(Start: 91 @43867 has 77 MA's), (Start: 105 @43777 has 1 MA's), (Start: 128 @43684 has 1 MA's), (134, 43660), (142, 43615), (193, 43414), (199, 43390), (217, 43315), (234, 43246), (236, 43228), (256, 43084), (260, 43060),

Gene: Jerm_75 Start: 44782, Stop: 43883, Start Num: 77

Candidate Starts for Jerm_75:

(Start: 77 @44782 has 159 MA's), (Start: 90 @44770 has 1 MA's), (Start: 102 @44713 has 13 MA's), (Start: 105 @44683 has 1 MA's), (Start: 128 @44590 has 1 MA's), (140, 44530), (167, 44383), (170, 44368), (173, 44335), (176, 44326), (199, 44215), (223, 44116), (234, 44074), (256, 43912),

Gene: Jerm2_70 Start: 45098, Stop: 44298, Start Num: 88

Candidate Starts for Jerm2_70:

(Start: 88 @45098 has 25 MA's), (103, 45020), (Start: 105 @45002 has 1 MA's), (Start: 112 @44951 has 1 MA's), (119, 44936), (154, 44750), (165, 44705), (199, 44615), (201, 44609), (208, 44594), (211, 44588), (219, 44537), (222, 44522), (232, 44486), (234, 44477), (250, 44396), (256, 44330), (257, 44324), (260, 44306),

Gene: Jester_55 Start: 39060, Stop: 38251, Start Num: 86

Candidate Starts for Jester_55:

(Start: 86 @39060 has 72 MA's), (95, 39048), (101, 39012), (107, 38946), (Start: 109 @38940 has 1 MA's), (125, 38886), (132, 38871), (150, 38760), (152, 38742), (203, 38577), (214, 38535), (219, 38508), (230, 38463), (231, 38460), (234, 38445), (256, 38295), (257, 38289),

Gene: JetBlade_68 Start: 43188, Stop: 42397, Start Num: 82

Candidate Starts for JetBlade_68:

(28, 43263), (Start: 82 @43188 has 185 MA's), (Start: 99 @43161 has 6 MA's), (125, 43014), (134, 42990), (164, 42813), (192, 42747), (199, 42720), (208, 42699), (219, 42642), (220, 42633), (234, 42579), (256, 42429),

Gene: JewelBug_75 Start: 43968, Stop: 43141, Start Num: 82

Candidate Starts for JewelBug_75:

(Start: 82 @43968 has 185 MA's), (97, 43938), (Start: 102 @43896 has 13 MA's), (Start: 105 @43866 has 1 MA's), (Start: 112 @43815 has 1 MA's), (126, 43779), (134, 43749), (140, 43713), (152, 43629), (187, 43521), (200, 43467), (201, 43464), (219, 43392), (223, 43371), (224, 43368), (234, 43332), (256, 43170),

Gene: Jobu08_73 Start: 43880, Stop: 43065, Start Num: 91

Candidate Starts for Jobu08_73:

(19, 44060), (Start: 91 @43880 has 77 MA's), (Start: 99 @43853 has 6 MA's), (113, 43736), (Start: 128 @43697 has 1 MA's), (134, 43673), (138, 43646), (142, 43628), (193, 43427), (199, 43403), (208, 43379), (234, 43259), (236, 43241), (242, 43211), (256, 43097), (260, 43073),

Gene: JoongJeon_67 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for JoongJeon_67:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Jordennis_74 Start: 43462, Stop: 42635, Start Num: 82

Candidate Starts for Jordennis_74:

(Start: 82 @43462 has 185 MA's), (97, 43432), (Start: 102 @43390 has 13 MA's), (Start: 105 @43360 has 1 MA's), (Start: 112 @43309 has 1 MA's), (126, 43273), (134, 43243), (140, 43207), (152, 43123), (187, 43015), (200, 42961), (201, 42958), (219, 42886), (223, 42865), (224, 42862), (234, 42826), (256, 42664),

Gene: Jorgensen_74 Start: 44667, Stop: 43864, Start Num: 84

Candidate Starts for Jorgensen_74:

(48, 44724), (Start: 84 @44667 has 29 MA's), (103, 44586), (Start: 105 @44568 has 1 MA's), (Start: 112 @44517 has 1 MA's), (119, 44502), (154, 44316), (165, 44271), (199, 44181), (201, 44175), (208, 44160), (211, 44154), (219, 44103), (222, 44088), (232, 44052), (234, 44043), (250, 43962), (256, 43896), (257, 43890), (260, 43872),

Gene: Joselito_75 Start: 44127, Stop: 43312, Start Num: 77

Candidate Starts for Joselito_75:

(Start: 77 @44127 has 159 MA's), (106, 44022), (Start: 112 @43977 has 1 MA's), (Start: 128 @43935 has 1 MA's), (133, 43917), (150, 43809), (201, 43638), (219, 43566), (223, 43545), (234, 43506), (256, 43344),

Gene: JoshKayV_74 Start: 44814, Stop: 43909, Start Num: 77

Candidate Starts for JoshKayV_74:

(Start: 77 @44814 has 159 MA's), (Start: 102 @44739 has 13 MA's), (Start: 105 @44709 has 1 MA's), (Start: 128 @44616 has 1 MA's), (140, 44556), (167, 44409), (170, 44394), (176, 44352), (199, 44241), (234, 44100),

Gene: Journey13_63 Start: 40978, Stop: 40169, Start Num: 77

Candidate Starts for Journey13_63:

(Start: 77 @40978 has 159 MA's), (Start: 99 @40948 has 6 MA's), (113, 40831), (Start: 128 @40792 has 1 MA's), (167, 40585), (195, 40522), (219, 40423), (223, 40402), (234, 40360),

Gene: Jovo_68 Start: 43240, Stop: 42425, Start Num: 86

Candidate Starts for Jovo_68:

(Start: 86 @43240 has 72 MA's), (117, 43087), (125, 43066), (140, 43006), (144, 42985), (202, 42763), (219, 42667), (224, 42643), (230, 42625), (242, 42571), (246, 42547), (247, 42538), (256, 42457), (260, 42433),

Gene: Jsquared_77 Start: 43912, Stop: 43043, Start Num: 77

Candidate Starts for Jsquared_77:

(Start: 77 @43912 has 159 MA's), (100, 43867), (107, 43789), (113, 43759), (Start: 128 @43720 has 1 MA's), (153, 43570), (219, 43294), (223, 43273), (234, 43234), (256, 43072),

Gene: JuliaChild_71 Start: 45234, Stop: 44416, Start Num: 67

Candidate Starts for JuliaChild_71:

(Start: 57 @45252 has 17 MA's), (Start: 67 @45234 has 41 MA's), (Start: 77 @45222 has 159 MA's), (103, 45138), (Start: 105 @45120 has 1 MA's), (110, 45078), (Start: 112 @45069 has 1 MA's), (119, 45054), (154, 44868), (165, 44823), (199, 44733), (201, 44727), (208, 44712), (211, 44706), (219, 44655), (222, 44640), (232, 44604), (234, 44595), (250, 44514), (256, 44448), (257, 44442), (260, 44424),

Gene: KADY_74 Start: 44077, Stop: 43262, Start Num: 91

Candidate Starts for KADY_74:

(19, 44257), (42, 44152), (Start: 91 @44077 has 77 MA's), (Start: 128 @43894 has 1 MA's), (134, 43870), (138, 43843), (142, 43825), (193, 43624), (199, 43600), (208, 43576), (234, 43456), (236, 43438), (256, 43294), (260, 43270),

Gene: KBG_69 Start: 45672, Stop: 44758, Start Num: 31

Candidate Starts for KBG_69:

(Start: 31 @45672 has 1 MA's), (Start: 64 @45588 has 3 MA's), (Start: 77 @45576 has 159 MA's), (Start: 102 @45501 has 13 MA's), (Start: 112 @45420 has 1 MA's), (119, 45405), (131, 45369), (134, 45345), (154, 45210), (187, 45114), (210, 45051), (219, 44997), (234, 44937), (250, 44856), (256, 44790), (257, 44784), (260, 44766),

Gene: KFPoly_67 Start: 43152, Stop: 42361, Start Num: 82

Candidate Starts for KFPoly_67:

(15, 43365), (Start: 82 @43152 has 185 MA's), (Start: 99 @43125 has 6 MA's), (125, 42978), (134, 42954), (164, 42777), (192, 42711), (199, 42684), (208, 42663), (219, 42606), (220, 42597), (234, 42543), (256, 42393),

Gene: KSSJEB_69 Start: 43942, Stop: 43118, Start Num: 63

Candidate Starts for KSSJEB_69:

(47, 43975), (Start: 63 @43942 has 40 MA's), (Start: 77 @43924 has 159 MA's), (103, 43840), (Start: 105 @43822 has 1 MA's), (Start: 112 @43771 has 1 MA's), (119, 43756), (154, 43570), (165, 43525), (199, 43435), (201, 43429), (208, 43414), (211, 43408), (219, 43357), (222, 43342), (232, 43306), (234, 43297), (250, 43216), (256, 43150), (257, 43144), (260, 43126),

Gene: Kalb97_77 Start: 43865, Stop: 43050, Start Num: 91

Candidate Starts for Kalb97_77:

(19, 44042), (Start: 91 @43865 has 77 MA's), (Start: 105 @43775 has 1 MA's), (Start: 128 @43682 has 1 MA's), (134, 43658), (142, 43613), (193, 43412), (199, 43388), (217, 43313), (234, 43244), (236, 43226), (256, 43082), (260, 43058),

Gene: Kalnoky_77 Start: 43863, Stop: 43048, Start Num: 91

Candidate Starts for Kalnoky_77:

(19, 44040), (Start: 91 @43863 has 77 MA's), (Start: 105 @43773 has 1 MA's), (Start: 128 @43680 has 1 MA's), (134, 43656), (142, 43611), (193, 43410), (199, 43386), (217, 43311), (234, 43242), (256, 43080), (260, 43056),

Gene: Kalpine_73 Start: 44727, Stop: 43903, Start Num: 77

Candidate Starts for Kalpine_73:

(21, 44868), (Start: 77 @44727 has 159 MA's), (Start: 102 @44652 has 13 MA's), (Start: 105 @44622 has 1 MA's), (Start: 112 @44571 has 1 MA's), (Start: 128 @44529 has 1 MA's), (223, 44139), (234, 44097),

Gene: Kampy_67 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Kampy_67:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Kanely_70 Start: 43913, Stop: 43110, Start Num: 84

Candidate Starts for Kanely_70:

(48, 43970), (Start: 84 @43913 has 29 MA's), (Start: 105 @43814 has 1 MA's), (Start: 112 @43763 has 1 MA's), (119, 43748), (154, 43562), (165, 43517), (199, 43427), (201, 43421), (208, 43406), (219, 43349), (222, 43334), (232, 43298), (234, 43289), (250, 43208), (256, 43142), (257, 43136), (260,

43118),

Gene: Katalie136_67 Start: 43434, Stop: 42643, Start Num: 82

Candidate Starts for Katalie136_67:

(Start: 82 @43434 has 185 MA's), (Start: 99 @43407 has 6 MA's), (125, 43260), (134, 43236), (194, 42990), (199, 42966), (219, 42888), (220, 42879), (234, 42825), (256, 42675),

Gene: KatherineG_82 Start: 44820, Stop: 43972, Start Num: 77

Candidate Starts for KatherineG_82:

(Start: 77 @44820 has 159 MA's), (Start: 82 @44814 has 185 MA's), (Start: 99 @44772 has 6 MA's), (Start: 102 @44739 has 13 MA's), (Start: 105 @44709 has 1 MA's), (Start: 128 @44616 has 1 MA's), (185, 44352), (223, 44205), (224, 44202), (234, 44163),

Gene: Kazan_77 Start: 43236, Stop: 42409, Start Num: 82

Candidate Starts for Kazan_77:

(Start: 82 @43236 has 185 MA's), (97, 43206), (Start: 102 @43164 has 13 MA's), (Start: 105 @43134 has 1 MA's), (Start: 112 @43083 has 1 MA's), (126, 43047), (134, 43017), (140, 42981), (152, 42897), (187, 42789), (200, 42735), (201, 42732), (219, 42660), (223, 42639), (224, 42636), (234, 42600), (256, 42438),

Gene: Kenmech_73 Start: 45774, Stop: 44950, Start Num: 63

Candidate Starts for Kenmech_73:

(47, 45807), (Start: 63 @45774 has 40 MA's), (Start: 77 @45756 has 159 MA's), (103, 45672), (Start: 105 @45654 has 1 MA's), (Start: 112 @45603 has 1 MA's), (119, 45588), (154, 45402), (165, 45357), (199, 45267), (201, 45261), (208, 45246), (219, 45189), (222, 45174), (232, 45138), (234, 45129), (250, 45048), (256, 44982), (257, 44976), (260, 44958),

Gene: Kerberos_76 Start: 44860, Stop: 44051, Start Num: 87

Candidate Starts for Kerberos_76:

(Start: 87 @44860 has 13 MA's), (Start: 99 @44830 has 6 MA's), (Start: 102 @44797 has 13 MA's), (Start: 105 @44767 has 1 MA's), (126, 44680), (134, 44650), (167, 44467), (201, 44377), (219, 44305), (223, 44284), (234, 44242), (235, 44239), (253, 44125), (254, 44113), (256, 44080),

Gene: Keziacharles14_72 Start: 44422, Stop: 43532, Start Num: 77

Candidate Starts for Keziacharles14_72:

(25, 44545), (Start: 77 @44422 has 159 MA's), (Start: 99 @44392 has 6 MA's), (Start: 102 @44359 has 13 MA's), (Start: 105 @44329 has 1 MA's), (Start: 112 @44278 has 1 MA's), (116, 44266), (159, 44050), (160, 44047), (172, 43999), (187, 43915), (199, 43864), (200, 43861), (201, 43858), (219, 43783), (223, 43762), (234, 43723), (256, 43561),

Gene: Killigrew_68 Start: 44132, Stop: 43311, Start Num: 67

Candidate Starts for Killigrew_68:

(Start: 67 @44132 has 41 MA's), (Start: 77 @44120 has 159 MA's), (Start: 83 @44114 has 4 MA's), (103, 44033), (Start: 105 @44015 has 1 MA's), (Start: 112 @43964 has 1 MA's), (119, 43949), (154, 43763), (165, 43718), (199, 43628), (201, 43622), (208, 43607), (219, 43550), (222, 43535), (232, 43499), (234, 43490), (242, 43454), (250, 43409), (256, 43343), (257, 43337), (260, 43319),

Gene: Kimona_67 Start: 42304, Stop: 41501, Start Num: 82

Candidate Starts for Kimona_67:

(Start: 82 @42304 has 185 MA's), (Start: 99 @42274 has 6 MA's), (125, 42127), (132, 42112), (134, 42103), (151, 41989), (200, 41830), (201, 41827), (210, 41797), (219, 41743), (226, 41710), (234, 41683), (252, 41590), (256, 41533),

Gene: KingCyrus_73 Start: 45799, Stop: 44900, Start Num: 77

Candidate Starts for KingCyrus_73:

(Start: 77 @45799 has 159 MA's), (Start: 90 @45787 has 1 MA's), (Start: 102 @45730 has 13 MA's), (Start: 105 @45700 has 1 MA's), (121, 45625), (Start: 128 @45607 has 1 MA's), (167, 45400), (170, 45385), (176, 45343), (199, 45232), (234, 45091), (256, 44929),

Gene: Kingmustik0402_68 Start: 43147, Stop: 42356, Start Num: 82

Candidate Starts for Kingmustik0402_68:

(Start: 82 @43147 has 185 MA's), (Start: 99 @43120 has 6 MA's), (125, 42973), (134, 42949), (164, 42772), (192, 42706), (199, 42679), (208, 42658), (219, 42601), (220, 42592), (234, 42538), (256, 42388),

Gene: Kipper29_76 Start: 43249, Stop: 42422, Start Num: 82

Candidate Starts for Kipper29_76:

(Start: 82 @43249 has 185 MA's), (97, 43219), (Start: 102 @43177 has 13 MA's), (Start: 105 @43147 has 1 MA's), (Start: 112 @43096 has 1 MA's), (126, 43060), (134, 43030), (140, 42994), (152, 42910), (187, 42802), (200, 42748), (201, 42745), (219, 42673), (223, 42652), (224, 42649), (234, 42613), (256, 42451),

Gene: KittenMittens_65 Start: 42090, Stop: 41248, Start Num: 57

Candidate Starts for KittenMittens_65:

(18, 42249), (Start: 57 @42090 has 17 MA's), (Start: 63 @42078 has 40 MA's), (Start: 99 @42027 has 6 MA's), (125, 41880), (132, 41865), (200, 41583), (222, 41478), (224, 41469), (234, 41430), (246, 41370), (256, 41280), (260, 41256),

Gene: Koduck_75 Start: 43689, Stop: 42817, Start Num: 77

Candidate Starts for Koduck_75:

(Start: 77 @43689 has 159 MA's), (94, 43671), (100, 43644), (107, 43566), (Start: 128 @43497 has 1 MA's), (201, 43143), (219, 43071), (223, 43050), (226, 43038), (234, 43008), (256, 42846),

Gene: Koko_77 Start: 43783, Stop: 42962, Start Num: 82

Candidate Starts for Koko_77:

(17, 43996), (Start: 82 @43783 has 185 MA's), (Start: 102 @43720 has 13 MA's), (Start: 105 @43690 has 1 MA's), (126, 43603), (Start: 128 @43597 has 1 MA's), (134, 43573), (187, 43345), (219, 43216), (223, 43195), (224, 43192), (226, 43183), (234, 43156), (256, 42994),

Gene: Koreni_67 Start: 42839, Stop: 42048, Start Num: 82

Candidate Starts for Koreni_67:

(Start: 82 @42839 has 185 MA's), (Start: 99 @42812 has 6 MA's), (125, 42665), (134, 42641), (164, 42464), (192, 42398), (199, 42371), (208, 42350), (219, 42293), (220, 42284), (234, 42230), (256, 42080),

Gene: Kratark_67 Start: 43195, Stop: 42404, Start Num: 82

Candidate Starts for Kratark_67:

(Start: 82 @43195 has 185 MA's), (Start: 99 @43168 has 6 MA's), (125, 43021), (164, 42820), (192, 42754), (199, 42727), (208, 42706), (219, 42649), (220, 42640), (234, 42586), (256, 42436),

Gene: Kremtemulon_64 Start: 43291, Stop: 42500, Start Num: 82

Candidate Starts for Kremtemulon_64:

(28, 43366), (Start: 82 @43291 has 185 MA's), (Start: 99 @43264 has 6 MA's), (125, 43117), (164, 42916), (192, 42850), (199, 42823), (208, 42802), (219, 42745), (220, 42736), (234, 42682), (256, 42532),

Gene: Krishelle_56 Start: 39714, Stop: 38905, Start Num: 86

Candidate Starts for Krishelle_56:

(Start: 86 @39714 has 72 MA's), (95, 39702), (107, 39600), (Start: 109 @39594 has 1 MA's), (125, 39540), (132, 39525), (150, 39414), (152, 39396), (214, 39189), (230, 39117), (231, 39114), (234, 39099), (250, 39018), (256, 38949), (257, 38943),

Gene: Kristoff_67 Start: 43392, Stop: 42565, Start Num: 57

Candidate Starts for Kristoff_67:

(18, 43551), (Start: 57 @43392 has 17 MA's), (125, 43182), (132, 43167), (199, 42888), (219, 42810), (234, 42747), (246, 42687), (260, 42573),

Gene: Kugel_74 Start: 45950, Stop: 45126, Start Num: 63

Candidate Starts for Kugel_74:

(47, 45983), (Start: 63 @45950 has 40 MA's), (Start: 77 @45932 has 159 MA's), (103, 45848), (Start: 105 @45830 has 1 MA's), (Start: 112 @45779 has 1 MA's), (119, 45764), (154, 45578), (165, 45533), (199, 45443), (201, 45437), (208, 45422), (211, 45416), (219, 45365), (222, 45350), (232, 45314), (234, 45305), (250, 45224), (256, 45158), (257, 45152), (260, 45134),

Gene: Kumquat_63 Start: 33623, Stop: 32784, Start Num: 93

Candidate Starts for Kumquat_63:

(Start: 71 @33659 has 1 MA's), (Start: 93 @33623 has 14 MA's), (Start: 98 @33608 has 2 MA's), (113, 33485), (135, 33413), (157, 33251), (182, 33179), (184, 33173), (218, 33023), (228, 32981), (231, 32972), (250, 32870),

Gene: KyMonks1A_73 Start: 44221, Stop: 43421, Start Num: 88

Candidate Starts for KyMonks1A_73:

(70, 44239), (Start: 88 @44221 has 25 MA's), (103, 44143), (Start: 105 @44125 has 1 MA's), (110, 44083), (Start: 112 @44074 has 1 MA's), (119, 44059), (154, 43873), (165, 43828), (199, 43738), (201, 43732), (211, 43711), (219, 43660), (222, 43645), (232, 43609), (234, 43600), (250, 43519), (256, 43453), (257, 43447), (260, 43429),

Gene: Kyee_68 Start: 43156, Stop: 42365, Start Num: 82

Candidate Starts for Kyee_68:

(15, 43369), (Start: 82 @43156 has 185 MA's), (Start: 99 @43129 has 6 MA's), (125, 42982), (134, 42958), (164, 42781), (192, 42715), (199, 42688), (208, 42667), (219, 42610), (220, 42601), (234, 42547), (256, 42397),

Gene: Kykar_71 Start: 44877, Stop: 44059, Start Num: 67

Candidate Starts for Kykar_71:

(61, 44886), (Start: 67 @44877 has 41 MA's), (Start: 77 @44865 has 159 MA's), (103, 44781), (Start: 105 @44763 has 1 MA's), (Start: 112 @44712 has 1 MA's), (119, 44697), (155, 44502), (165, 44466), (199, 44376), (201, 44370), (208, 44355), (211, 44349), (219, 44298), (222, 44283), (232, 44247), (234, 44238), (250, 44157), (252, 44145), (256, 44091), (257, 44085), (260, 44067),

Gene: L5_69 Start: 43842, Stop: 42970, Start Num: 77

Candidate Starts for L5_69:

(Start: 77 @43842 has 159 MA's), (94, 43824), (100, 43797), (107, 43719), (Start: 128 @43650 has 1 MA's), (201, 43296), (219, 43224), (223, 43203), (226, 43191), (234, 43161), (256, 42999),

Gene: LBerry_78 Start: 44053, Stop: 43238, Start Num: 91

Candidate Starts for LBerry_78:

(19, 44233), (Start: 91 @44053 has 77 MA's), (Start: 99 @44026 has 6 MA's), (Start: 128 @43870 has 1 MA's), (134, 43846), (138, 43819), (142, 43801), (193, 43600), (199, 43576), (208, 43552), (234,

43432), (236, 43414), (242, 43384), (256, 43270), (260, 43246),

Gene: LHTSCC_70 Start: 43597, Stop: 42806, Start Num: 82

Candidate Starts for LHTSCC_70:

(28, 43672), (Start: 82 @43597 has 185 MA's), (Start: 99 @43570 has 6 MA's), (125, 43423), (164, 43222), (192, 43156), (199, 43129), (208, 43108), (219, 43051), (220, 43042), (234, 42988), (256, 42838),

Gene: LadyBird_77 Start: 45024, Stop: 44128, Start Num: 77

Candidate Starts for LadyBird_77:

(5, 45339), (8, 45330), (9, 45327), (Start: 77 @45024 has 159 MA's), (Start: 102 @44958 has 13 MA's), (Start: 105 @44928 has 1 MA's), (121, 44853), (Start: 128 @44835 has 1 MA's), (170, 44613), (176, 44571), (234, 44319), (256, 44157),

Gene: Lambert1_71 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for Lambert1_71:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: Lamina13_72 Start: 45682, Stop: 44864, Start Num: 67

Candidate Starts for Lamina13_72:

(40, 45745), (Start: 67 @45682 has 41 MA's), (Start: 77 @45670 has 159 MA's), (103, 45586), (Start: 105 @45568 has 1 MA's), (Start: 112 @45517 has 1 MA's), (119, 45502), (154, 45316), (165, 45271), (199, 45181), (201, 45175), (208, 45160), (211, 45154), (219, 45103), (222, 45088), (232, 45052), (234, 45043), (250, 44962), (256, 44896), (257, 44890), (260, 44872),

Gene: Landor_72 Start: 45614, Stop: 44802, Start Num: 82

Candidate Starts for Landor_72:

(44, 45677), (Start: 82 @45614 has 185 MA's), (Start: 88 @45608 has 25 MA's), (Start: 99 @45578 has 6 MA's), (Start: 102 @45545 has 13 MA's), (Start: 105 @45515 has 1 MA's), (Start: 128 @45422 has 1 MA's), (201, 45125), (234, 44993), (256, 44831),

Gene: LappelDuVide_64 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for LappelDuVide_64:

(Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234, 42548), (256, 42398),

Gene: Larenn_70 Start: 44060, Stop: 43245, Start Num: 77

Candidate Starts for Larenn_70:

(53, 44084), (Start: 77 @44060 has 159 MA's), (Start: 79 @44057 has 38 MA's), (Start: 102 @43991 has 13 MA's), (Start: 105 @43961 has 1 MA's), (Start: 128 @43868 has 1 MA's), (195, 43598), (199, 43577), (201, 43571), (223, 43478), (234, 43436),

Gene: LarryKay_77 Start: 44078, Stop: 43263, Start Num: 91

Candidate Starts for LarryKay_77:

(19, 44261), (Start: 91 @44078 has 77 MA's), (Start: 99 @44051 has 6 MA's), (Start: 128 @43895 has 1 MA's), (134, 43871), (138, 43844), (142, 43826), (193, 43625), (199, 43601), (208, 43577), (234, 43457), (236, 43439), (242, 43409), (256, 43295), (260, 43271),

Gene: LastResort_80 Start: 44703, Stop: 43903, Start Num: 99

Candidate Starts for LastResort_80:

(Start: 77 @44751 has 159 MA's), (Start: 82 @44745 has 185 MA's), (Start: 99 @44703 has 6 MA's), (Start: 102 @44670 has 13 MA's), (Start: 105 @44640 has 1 MA's), (Start: 128 @44547 has 1 MA's), (185, 44283), (200, 44235), (223, 44136), (224, 44133), (234, 44094),

Gene: Lemur_68 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Lemur_68:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: LeoAvram_67 Start: 43188, Stop: 42397, Start Num: 82

Candidate Starts for LeoAvram_67:

(Start: 82 @43188 has 185 MA's), (Start: 99 @43161 has 6 MA's), (125, 43014), (164, 42813), (192, 42747), (199, 42720), (208, 42699), (220, 42633), (234, 42579), (256, 42429),

Gene: Leogania_72 Start: 44753, Stop: 43929, Start Num: 75

Candidate Starts for Leogania_72:

(Start: 75 @44753 has 2 MA's), (Start: 102 @44675 has 13 MA's), (Start: 105 @44645 has 1 MA's), (Start: 128 @44552 has 1 MA's), (234, 44120), (256, 43958),

Gene: Lesedi_64 Start: 41932, Stop: 41198, Start Num: 102

Candidate Starts for Lesedi_64:

(50, 42046), (52, 42043), (54, 42040), (Start: 102 @41932 has 13 MA's), (Start: 112 @41851 has 1 MA's), (119, 41836), (154, 41650), (165, 41605), (199, 41515), (201, 41509), (208, 41494), (211, 41488), (219, 41437), (222, 41422), (232, 41386), (234, 41377), (250, 41296), (256, 41230), (257, 41224), (260, 41206),

Gene: Lev2_68 Start: 42872, Stop: 42057, Start Num: 86

Candidate Starts for Lev2_68:

(Start: 86 @42872 has 72 MA's), (117, 42719), (125, 42698), (140, 42638), (144, 42617), (202, 42395), (219, 42299), (224, 42275), (230, 42257), (242, 42203), (246, 42179), (247, 42170), (256, 42089), (260, 42065),

Gene: Leviathan_75 Start: 44849, Stop: 43950, Start Num: 77

Candidate Starts for Leviathan_75:

(Start: 77 @44849 has 159 MA's), (Start: 90 @44837 has 1 MA's), (Start: 102 @44780 has 13 MA's), (Start: 105 @44750 has 1 MA's), (Start: 128 @44657 has 1 MA's), (140, 44597), (167, 44450), (170, 44435), (173, 44402), (176, 44393), (199, 44282), (223, 44183), (234, 44141), (256, 43979),

Gene: Licorice_69 Start: 45231, Stop: 44413, Start Num: 67

Candidate Starts for Licorice_69:

(40, 45294), (Start: 67 @45231 has 41 MA's), (Start: 77 @45219 has 159 MA's), (103, 45135), (Start: 105 @45117 has 1 MA's), (Start: 112 @45066 has 1 MA's), (119, 45051), (154, 44865), (199, 44730), (201, 44724), (208, 44709), (211, 44703), (219, 44652), (222, 44637), (232, 44601), (234, 44592), (250, 44511), (256, 44445), (257, 44439), (260, 44421),

Gene: LilBib_68 Start: 45196, Stop: 44378, Start Num: 67

Candidate Starts for LilBib_68:

(61, 45205), (Start: 67 @45196 has 41 MA's), (Start: 77 @45184 has 159 MA's), (103, 45100), (Start: 105 @45082 has 1 MA's), (Start: 112 @45031 has 1 MA's), (119, 45016), (154, 44830), (165, 44785), (199, 44695), (201, 44689), (208, 44674), (211, 44668), (219, 44617), (222, 44602), (232, 44566), (234, 44557), (250, 44476), (256, 44410), (257, 44404), (260, 44386),

Gene: LilTurb_74 Start: 44663, Stop: 43764, Start Num: 77

Candidate Starts for LilTurb_74:

(Start: 77 @44663 has 159 MA's), (Start: 90 @44651 has 1 MA's), (Start: 102 @44594 has 13 MA's), (Start: 105 @44564 has 1 MA's), (Start: 128 @44471 has 1 MA's), (140, 44411), (167, 44264), (170, 44249), (173, 44216), (176, 44207), (199, 44096), (223, 43997), (234, 43955), (256, 43793),

Gene: Lilbunny_73 Start: 43025, Stop: 42204, Start Num: 82

Candidate Starts for Lilbunny_73:

(17, 43238), (Start: 82 @43025 has 185 MA's), (Start: 102 @42962 has 13 MA's), (Start: 105 @42932 has 1 MA's), (126, 42845), (Start: 128 @42839 has 1 MA's), (134, 42815), (187, 42587), (219, 42458), (223, 42437), (224, 42434), (226, 42425), (234, 42398), (256, 42236),

Gene: Lilith_75 Start: 44015, Stop: 43227, Start Num: 99

Candidate Starts for Lilith_75:

(19, 44222), (Start: 91 @44042 has 77 MA's), (Start: 99 @44015 has 6 MA's), (Start: 128 @43859 has 1 MA's), (134, 43835), (138, 43808), (142, 43790), (193, 43589), (199, 43565), (208, 43541), (234, 43421), (236, 43403), (242, 43373), (256, 43259), (260, 43235),

Gene: Lillie_56 Start: 39345, Stop: 38536, Start Num: 86

Candidate Starts for Lillie_56:

(Start: 86 @39345 has 72 MA's), (95, 39333), (107, 39231), (Start: 109 @39225 has 1 MA's), (125, 39171), (132, 39156), (150, 39045), (152, 39027), (214, 38820), (230, 38748), (231, 38745), (234, 38730), (250, 38649), (256, 38580), (257, 38574),

Gene: LittleB_68 Start: 43159, Stop: 42368, Start Num: 82

Candidate Starts for LittleB_68:

(15, 43372), (Start: 82 @43159 has 185 MA's), (Start: 99 @43132 has 6 MA's), (125, 42985), (164, 42784), (192, 42718), (199, 42691), (208, 42670), (219, 42613), (220, 42604), (234, 42550), (256, 42400),

Gene: LittleCherry_66 Start: 42432, Stop: 41620, Start Num: 86

Candidate Starts for LittleCherry_66:

(Start: 86 @42432 has 72 MA's), (117, 42279), (125, 42258), (140, 42198), (144, 42177), (202, 41955), (219, 41862), (224, 41838), (230, 41820), (242, 41766), (246, 41742), (247, 41733), (260, 41628),

Gene: LittleGuy_68 Start: 43054, Stop: 42263, Start Num: 82

Candidate Starts for LittleGuy_68:

(Start: 82 @43054 has 185 MA's), (Start: 99 @43027 has 6 MA's), (125, 42880), (164, 42679), (192, 42613), (199, 42586), (208, 42565), (219, 42508), (220, 42499), (234, 42445), (256, 42295),

Gene: LochMonster_69 Start: 43397, Stop: 42606, Start Num: 82

Candidate Starts for LochMonster_69:

(15, 43610), (Start: 82 @43397 has 185 MA's), (Start: 99 @43370 has 6 MA's), (125, 43223), (134, 43199), (164, 43022), (192, 42956), (199, 42929), (208, 42908), (219, 42851), (220, 42842), (234, 42788), (256, 42638),

Gene: Lockley_68 Start: 44246, Stop: 43428, Start Num: 65

Candidate Starts for Lockley_68:

(Start: 55 @44264 has 8 MA's), (59, 44255), (Start: 65 @44246 has 6 MA's), (Start: 77 @44234 has 159 MA's), (103, 44150), (Start: 105 @44132 has 1 MA's), (119, 44066), (154, 43880), (165, 43835), (199, 43745), (201, 43739), (208, 43724), (211, 43718), (219, 43667), (222, 43652), (232, 43616), (234, 43607), (250, 43526), (252, 43514), (256, 43460), (257, 43454), (260, 43436),

Gene: Lökk_67 Start: 42867, Stop: 42052, Start Num: 77

Candidate Starts for Lökk_67:

(Start: 77 @42867 has 159 MA's), (Start: 102 @42798 has 13 MA's), (Start: 105 @42768 has 1 MA's), (Start: 128 @42675 has 1 MA's), (200, 42381), (201, 42378), (222, 42291), (234, 42243), (256, 42081),

Gene: LoneWolf_76 Start: 44044, Stop: 43154, Start Num: 77

Candidate Starts for LoneWolf_76:

(6, 44353), (25, 44170), (Start: 77 @44044 has 159 MA's), (Start: 99 @44014 has 6 MA's), (Start: 102 @43981 has 13 MA's), (Start: 105 @43951 has 1 MA's), (Start: 112 @43900 has 1 MA's), (116, 43888), (Start: 128 @43858 has 1 MA's), (159, 43672), (160, 43669), (200, 43483), (201, 43480), (208, 43462), (234, 43345), (246, 43273), (253, 43228), (256, 43183),

Gene: Looper_81 Start: 44663, Stop: 43815, Start Num: 77

Candidate Starts for Looper_81:

(Start: 77 @44663 has 159 MA's), (Start: 82 @44657 has 185 MA's), (Start: 99 @44615 has 6 MA's), (Start: 102 @44582 has 13 MA's), (Start: 105 @44552 has 1 MA's), (Start: 128 @44459 has 1 MA's), (185, 44195), (223, 44048), (224, 44045), (234, 44006),

Gene: Lopton_69 Start: 45704, Stop: 44970, Start Num: 102

Candidate Starts for Lopton_69:

(50, 45818), (52, 45815), (54, 45812), (Start: 102 @45704 has 13 MA's), (Start: 112 @45623 has 1 MA's), (119, 45608), (154, 45422), (165, 45377), (199, 45287), (201, 45281), (208, 45266), (211, 45260), (219, 45209), (222, 45194), (232, 45158), (234, 45149), (250, 45068), (256, 45002), (257, 44996), (260, 44978),

Gene: Lorenzo_68 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Lorenzo_68:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Loser_75 Start: 44950, Stop: 44042, Start Num: 77

Candidate Starts for Loser_75:

(Start: 77 @44950 has 159 MA's), (Start: 102 @44881 has 13 MA's), (Start: 105 @44851 has 1 MA's), (Start: 128 @44758 has 1 MA's), (169, 44539), (175, 44497), (187, 44425), (200, 44371), (201, 44368), (223, 44275), (226, 44263), (234, 44233),

Gene: Louie6_76 Start: 44079, Stop: 43264, Start Num: 91

Candidate Starts for Louie6_76:

(19, 44259), (42, 44154), (Start: 91 @44079 has 77 MA's), (Start: 128 @43896 has 1 MA's), (134, 43872), (138, 43845), (142, 43827), (193, 43626), (199, 43602), (208, 43578), (234, 43458), (236, 43440), (256, 43296), (260, 43272),

Gene: Luchador_76 Start: 45162, Stop: 44356, Start Num: 77

Candidate Starts for Luchador_76:

(20, 45333), (Start: 77 @45162 has 159 MA's), (Start: 99 @45132 has 6 MA's), (Start: 102 @45099 has 13 MA's), (Start: 105 @45069 has 1 MA's), (Start: 128 @44976 has 1 MA's), (167, 44769), (188, 44721), (195, 44706), (226, 44574), (234, 44547), (237, 44520), (256, 44385),

Gene: Lucivia_77 Start: 44406, Stop: 43591, Start Num: 77

Candidate Starts for Lucivia_77:

(Start: 77 @44406 has 159 MA's), (106, 44301), (Start: 112 @44256 has 1 MA's), (Start: 128 @44214 has 1 MA's), (133, 44196), (150, 44088), (201, 43917), (219, 43845), (223, 43824), (234, 43785), (256, 43623),

Gene: Lucyedi_78 Start: 45148, Stop: 44228, Start Num: 77

Candidate Starts for Lucyedi_78:

(Start: 77 @45148 has 159 MA's), (Start: 105 @45055 has 1 MA's), (127, 44965), (156, 44791), (199, 44557), (200, 44554), (220, 44470), (234, 44419), (239, 44383),

Gene: LugYA_80 Start: 44050, Stop: 43235, Start Num: 91

Candidate Starts for LugYA_80:

(19, 44230), (Start: 91 @44050 has 77 MA's), (Start: 99 @44023 has 6 MA's), (Start: 128 @43867 has 1 MA's), (134, 43843), (138, 43816), (142, 43798), (193, 43597), (199, 43573), (208, 43549), (234, 43429), (236, 43411), (242, 43381), (256, 43267), (260, 43243),

Gene: Lunsford_68 Start: 43152, Stop: 42361, Start Num: 82

Candidate Starts for Lunsford_68:

(Start: 82 @43152 has 185 MA's), (Start: 99 @43125 has 6 MA's), (125, 42978), (164, 42777), (192, 42711), (199, 42684), (208, 42663), (219, 42606), (220, 42597), (234, 42543), (256, 42393),

Gene: MA5_71 Start: 43063, Stop: 42266, Start Num: 79

Candidate Starts for MA5_71:

(32, 43135), (Start: 79 @43063 has 38 MA's), (103, 42988), (199, 42592), (219, 42508), (234, 42448), (256, 42298), (260, 42274),

Gene: MK4_71 Start: 43138, Stop: 42341, Start Num: 79

Candidate Starts for MK4_71:

(20, 43276), (26, 43243), (32, 43210), (Start: 79 @43138 has 38 MA's), (103, 43063), (199, 42667), (219, 42583), (234, 42523), (256, 42373), (260, 42349),

Gene: MPlant7149_69 Start: 42916, Stop: 42116, Start Num: 88

Candidate Starts for MPlant7149_69:

(Start: 88 @42916 has 25 MA's), (103, 42838), (Start: 105 @42820 has 1 MA's), (Start: 112 @42769 has 1 MA's), (119, 42754), (154, 42568), (165, 42523), (199, 42433), (201, 42427), (208, 42412), (211, 42406), (219, 42355), (222, 42340), (232, 42304), (234, 42295), (250, 42214), (256, 42148), (257, 42142), (260, 42124),

Gene: MaCh_76 Start: 44370, Stop: 43555, Start Num: 77

Candidate Starts for MaCh_76:

(Start: 77 @44370 has 159 MA's), (106, 44265), (Start: 112 @44220 has 1 MA's), (Start: 128 @44178 has 1 MA's), (133, 44160), (150, 44052), (201, 43881), (219, 43809), (223, 43788), (234, 43749), (256, 43587),

Gene: Mabel_76 Start: 44371, Stop: 43556, Start Num: 77

Candidate Starts for Mabel_76:

(Start: 77 @44371 has 159 MA's), (106, 44266), (Start: 112 @44221 has 1 MA's), (Start: 128 @44179 has 1 MA's), (133, 44161), (150, 44053), (201, 43882), (219, 43810), (223, 43789), (234, 43750), (256, 43588),

Gene: MadMarie_75 Start: 44050, Stop: 43235, Start Num: 91

Candidate Starts for MadMarie_75:

(19, 44230), (Start: 91 @44050 has 77 MA's), (Start: 99 @44023 has 6 MA's), (Start: 128 @43867 has 1 MA's), (134, 43843), (138, 43816), (142, 43798), (193, 43597), (199, 43573), (208, 43549), (234,

43429), (236, 43411), (242, 43381), (256, 43267), (260, 43243),

Gene: Magnar_68 Start: 44115, Stop: 43291, Start Num: 63

Candidate Starts for Magnar_68:

(47, 44148), (Start: 63 @44115 has 40 MA's), (Start: 77 @44097 has 159 MA's), (103, 44013), (Start: 105 @43995 has 1 MA's), (Start: 112 @43944 has 1 MA's), (119, 43929), (154, 43743), (165, 43698), (199, 43608), (201, 43602), (208, 43587), (211, 43581), (219, 43530), (222, 43515), (232, 43479), (234, 43470), (250, 43389), (256, 43323), (257, 43317), (260, 43299),

Gene: Magnito_70 Start: 44221, Stop: 43385, Start Num: 55

Candidate Starts for Magnito_70:

(Start: 55 @44221 has 8 MA's), (59, 44212), (Start: 65 @44203 has 6 MA's), (Start: 77 @44191 has 159 MA's), (103, 44107), (Start: 105 @44089 has 1 MA's), (Start: 112 @44038 has 1 MA's), (119, 44023), (154, 43837), (165, 43792), (199, 43702), (201, 43696), (208, 43681), (211, 43675), (219, 43624), (222, 43609), (232, 43573), (234, 43564), (250, 43483), (256, 43417), (257, 43411), (260, 43393),

Gene: Mainiac_76 Start: 44042, Stop: 43227, Start Num: 91

Candidate Starts for Mainiac_76:

(19, 44222), (Start: 91 @44042 has 77 MA's), (Start: 99 @44015 has 6 MA's), (Start: 128 @43859 has 1 MA's), (134, 43835), (138, 43808), (142, 43790), (193, 43589), (199, 43565), (208, 43541), (234, 43421), (236, 43403), (242, 43373), (256, 43259), (260, 43235),

Gene: Makemake_74 Start: 45907, Stop: 45089, Start Num: 67

Candidate Starts for Makemake_74:

(61, 45916), (Start: 67 @45907 has 41 MA's), (Start: 77 @45895 has 159 MA's), (103, 45811), (Start: 105 @45793 has 1 MA's), (Start: 112 @45742 has 1 MA's), (119, 45727), (154, 45541), (165, 45496), (199, 45406), (208, 45385), (211, 45379), (219, 45328), (222, 45313), (232, 45277), (234, 45268), (250, 45187), (256, 45121), (257, 45115), (260, 45097),

Gene: Malec_71 Start: 44624, Stop: 43812, Start Num: 79

Candidate Starts for Malec_71:

(53, 44651), (Start: 77 @44627 has 159 MA's), (Start: 79 @44624 has 38 MA's), (Start: 102 @44558 has 13 MA's), (Start: 105 @44528 has 1 MA's), (Start: 128 @44435 has 1 MA's), (195, 44165), (199, 44144), (201, 44138), (223, 44045), (234, 44003),

Gene: Malinsilva_79 Start: 44041, Stop: 43226, Start Num: 91

Candidate Starts for Malinsilva_79:

(19, 44221), (Start: 91 @44041 has 77 MA's), (Start: 99 @44014 has 6 MA's), (Start: 128 @43858 has 1 MA's), (134, 43834), (138, 43807), (142, 43789), (193, 43588), (199, 43564), (208, 43540), (234, 43420), (236, 43402), (242, 43372), (256, 43258), (260, 43234),

Gene: Maminiaina_75 Start: 43961, Stop: 43122, Start Num: 77

Candidate Starts for Maminiaina_75:

(25, 44084), (Start: 77 @43961 has 159 MA's), (Start: 99 @43931 has 6 MA's), (Start: 102 @43898 has 13 MA's), (Start: 105 @43868 has 1 MA's), (116, 43805), (Start: 128 @43775 has 1 MA's), (159, 43589), (160, 43586), (187, 43508), (200, 43454), (201, 43451), (223, 43355), (226, 43343), (237, 43289), (250, 43223), (253, 43199), (256, 43154),

Gene: Manatee_68 Start: 43340, Stop: 42540, Start Num: 88

Candidate Starts for Manatee_68:

(70, 43358), (Start: 88 @43340 has 25 MA's), (103, 43262), (Start: 105 @43244 has 1 MA's), (Start: 112 @43193 has 1 MA's), (119, 43178), (154, 42992), (165, 42947), (199, 42857), (201, 42851), (208,

42836), (211, 42830), (219, 42779), (222, 42764), (232, 42728), (234, 42719), (250, 42638), (256, 42572), (257, 42566), (260, 42548),

Gene: Manu_76 Start: 43866, Stop: 43051, Start Num: 91

Candidate Starts for Manu_76:

(Start: 91 @43866 has 77 MA's), (113, 43722), (Start: 128 @43683 has 1 MA's), (138, 43632), (142, 43614), (193, 43413), (199, 43389), (217, 43314), (234, 43245), (236, 43227), (256, 43083), (260, 43059),

Gene: Manuel_62 Start: 33910, Stop: 33089, Start Num: 93

Candidate Starts for Manuel_62:

(Start: 51 @33979 has 3 MA's), (Start: 93 @33910 has 14 MA's), (136, 33685), (157, 33538), (182, 33466), (199, 33400), (215, 33343), (216, 33337), (218, 33328), (231, 33277), (233, 33262), (249, 33178), (250, 33175),

Gene: MarQuardt_77 Start: 44051, Stop: 43236, Start Num: 91

Candidate Starts for MarQuardt_77:

(19, 44231), (Start: 91 @44051 has 77 MA's), (Start: 99 @44024 has 6 MA's), (Start: 128 @43868 has 1 MA's), (134, 43844), (138, 43817), (142, 43799), (193, 43598), (199, 43574), (208, 43550), (234, 43430), (236, 43412), (242, 43382), (256, 43268), (260, 43244),

Gene: Marcell_65 Start: 42723, Stop: 41899, Start Num: 63

Candidate Starts for Marcell_65:

(47, 42756), (Start: 63 @42723 has 40 MA's), (Start: 77 @42705 has 159 MA's), (103, 42621), (Start: 105 @42603 has 1 MA's), (Start: 112 @42552 has 1 MA's), (119, 42537), (154, 42351), (165, 42306), (199, 42216), (201, 42210), (208, 42195), (211, 42189), (219, 42138), (222, 42123), (232, 42087), (234, 42078), (250, 41997), (256, 41931), (257, 41925), (260, 41907),

Gene: Marchy_61 Start: 41527, Stop: 40703, Start Num: 63

Candidate Starts for Marchy_61:

(Start: 63 @41527 has 40 MA's), (Start: 77 @41509 has 159 MA's), (103, 41425), (Start: 105 @41407 has 1 MA's), (110, 41365), (Start: 112 @41356 has 1 MA's), (119, 41341), (154, 41155), (199, 41020), (201, 41014), (208, 40999), (219, 40942), (222, 40927), (232, 40891), (234, 40882), (242, 40846), (250, 40801), (256, 40735), (257, 40729), (260, 40711),

Gene: Marge_65 Start: 43205, Stop: 42405, Start Num: 85

Candidate Starts for Marge_65:

(23, 43367), (Start: 82 @43208 has 185 MA's), (Start: 85 @43205 has 8 MA's), (103, 43127), (Start: 105 @43109 has 1 MA's), (Start: 112 @43058 has 1 MA's), (119, 43043), (154, 42857), (165, 42812), (201, 42716), (208, 42701), (211, 42695), (219, 42644), (222, 42629), (232, 42593), (234, 42584), (250, 42503), (252, 42491), (256, 42437), (257, 42431), (260, 42413),

Gene: Margo_71 Start: 43664, Stop: 42870, Start Num: 79

Candidate Starts for Margo_71:

(Start: 79 @43664 has 38 MA's), (125, 43490), (194, 43220), (199, 43196), (234, 43052), (246, 42992), (256, 42902), (260, 42878),

Gene: Marie_75 Start: 44049, Stop: 43234, Start Num: 91

Candidate Starts for Marie_75:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: Marius_77 Start: 43863, Stop: 43048, Start Num: 91

Candidate Starts for Marius_77:

(19, 44040), (Start: 91 @43863 has 77 MA's), (Start: 105 @43773 has 1 MA's), (Start: 128 @43680 has 1 MA's), (134, 43656), (142, 43611), (193, 43410), (199, 43386), (217, 43311), (234, 43242), (256, 43080), (260, 43056),

Gene: Maroc7_69 Start: 44820, Stop: 44017, Start Num: 84

Candidate Starts for Maroc7_69:

(48, 44877), (Start: 84 @44820 has 29 MA's), (103, 44739), (Start: 105 @44721 has 1 MA's), (Start: 112 @44670 has 1 MA's), (119, 44655), (154, 44469), (165, 44424), (199, 44334), (201, 44328), (208, 44313), (211, 44307), (219, 44256), (222, 44241), (232, 44205), (234, 44196), (250, 44115), (256, 44049), (257, 44043), (260, 44025),

Gene: Marsha_68 Start: 44905, Stop: 44102, Start Num: 84

Candidate Starts for Marsha_68:

(48, 44962), (Start: 84 @44905 has 29 MA's), (103, 44824), (Start: 105 @44806 has 1 MA's), (Start: 112 @44755 has 1 MA's), (119, 44740), (154, 44554), (199, 44419), (201, 44413), (208, 44398), (211, 44392), (219, 44341), (222, 44326), (232, 44290), (234, 44281), (250, 44200), (256, 44134), (257, 44128), (260, 44110),

Gene: MaryBeth_66 Start: 44050, Stop: 43250, Start Num: 88

Candidate Starts for MaryBeth_66:

(70, 44068), (Start: 88 @44050 has 25 MA's), (103, 43972), (Start: 105 @43954 has 1 MA's), (Start: 112 @43903 has 1 MA's), (119, 43888), (154, 43702), (165, 43657), (199, 43567), (201, 43561), (208, 43546), (219, 43489), (222, 43474), (232, 43438), (234, 43429), (250, 43348), (256, 43282), (257, 43276), (260, 43258),

Gene: MarysWell_67 Start: 43112, Stop: 42297, Start Num: 86

Candidate Starts for MarysWell_67:

(Start: 86 @43112 has 72 MA's), (117, 42959), (125, 42938), (140, 42878), (144, 42857), (202, 42635), (219, 42539), (224, 42515), (230, 42497), (242, 42443), (246, 42419), (247, 42410), (256, 42329), (260, 42305),

Gene: Maverick_67 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Maverick_67:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Maxo_69 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Maxo_69:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Mazhar510_68 Start: 43159, Stop: 42368, Start Num: 82

Candidate Starts for Mazhar510_68:

(15, 43372), (Start: 82 @43159 has 185 MA's), (Start: 99 @43132 has 6 MA's), (125, 42985), (134, 42961), (164, 42784), (192, 42718), (199, 42691), (208, 42670), (219, 42613), (220, 42604), (234, 42550), (256, 42400),

Gene: McFly_77 Start: 43865, Stop: 43038, Start Num: 82

Candidate Starts for McFly_77:

(Start: 82 @43865 has 185 MA's), (97, 43835), (Start: 102 @43793 has 13 MA's), (Start: 105 @43763 has 1 MA's), (Start: 112 @43712 has 1 MA's), (126, 43676), (134, 43646), (140, 43610), (152, 43526), (187, 43418), (200, 43364), (201, 43361), (219, 43289), (223, 43268), (224, 43265), (234, 43229), (256, 43067),

Gene: McGuire_70 Start: 43576, Stop: 42842, Start Num: 102

Candidate Starts for McGuire_70:

(50, 43690), (52, 43687), (54, 43684), (Start: 102 @43576 has 13 MA's), (Start: 112 @43495 has 1 MA's), (119, 43480), (154, 43294), (165, 43249), (199, 43159), (201, 43153), (208, 43138), (211, 43132), (219, 43081), (222, 43066), (232, 43030), (234, 43021), (250, 42940), (256, 42874), (257, 42868), (260, 42850),

Gene: Medusa_68 Start: 43172, Stop: 42381, Start Num: 82

Candidate Starts for Medusa_68:

(Start: 82 @43172 has 185 MA's), (Start: 99 @43145 has 6 MA's), (125, 42998), (134, 42974), (164, 42797), (192, 42731), (199, 42704), (208, 42683), (219, 42626), (220, 42617), (234, 42563), (256, 42413),

Gene: MeeZee_67 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for MeeZee_67:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Melvin_70 Start: 43153, Stop: 42362, Start Num: 82

Candidate Starts for Melvin_70:

(15, 43366), (Start: 82 @43153 has 185 MA's), (Start: 99 @43126 has 6 MA's), (125, 42979), (164, 42778), (192, 42712), (199, 42685), (208, 42664), (219, 42607), (220, 42598), (234, 42544), (256, 42394),

Gene: MetalQZJ_65 Start: 44050, Stop: 43250, Start Num: 88

Candidate Starts for MetalQZJ_65:

(70, 44068), (Start: 88 @44050 has 25 MA's), (103, 43972), (Start: 105 @43954 has 1 MA's), (Start: 112 @43903 has 1 MA's), (119, 43888), (154, 43702), (165, 43657), (199, 43567), (201, 43561), (208, 43546), (219, 43489), (222, 43474), (232, 43438), (234, 43429), (250, 43348), (256, 43282), (257, 43276), (260, 43258),

Gene: Methuselah_70 Start: 44073, Stop: 43258, Start Num: 91

Candidate Starts for Methuselah_70:

(19, 44253), (Start: 91 @44073 has 77 MA's), (Start: 99 @44046 has 6 MA's), (Start: 128 @43890 has 1 MA's), (134, 43866), (138, 43839), (142, 43821), (193, 43620), (199, 43596), (208, 43572), (234, 43452), (236, 43434), (242, 43404), (256, 43290), (260, 43266),

Gene: Micasa_65 Start: 42834, Stop: 42019, Start Num: 86

Candidate Starts for Micasa_65:

(Start: 86 @42834 has 72 MA's), (117, 42681), (125, 42660), (140, 42600), (144, 42579), (202, 42357), (219, 42261), (224, 42237), (230, 42219), (242, 42165), (246, 42141), (247, 42132), (256, 42051), (260, 42027),

Gene: Michley_73 Start: 44999, Stop: 44175, Start Num: 63

Candidate Starts for Michley_73:

(47, 45032), (Start: 63 @44999 has 40 MA's), (Start: 77 @44981 has 159 MA's), (103, 44897), (Start: 105 @44879 has 1 MA's), (Start: 112 @44828 has 1 MA's), (119, 44813), (154, 44627), (165, 44582),

(199, 44492), (201, 44486), (208, 44471), (211, 44465), (219, 44414), (222, 44399), (232, 44363), (234, 44354), (250, 44273), (256, 44207), (257, 44201), (260, 44183),

Gene: Microwolf_73 Start: 44065, Stop: 43250, Start Num: 91

Candidate Starts for Microwolf_73:

(19, 44245), (Start: 91 @44065 has 77 MA's), (Start: 99 @44038 has 6 MA's), (Start: 128 @43882 has 1 MA's), (134, 43858), (138, 43831), (142, 43813), (193, 43612), (199, 43588), (208, 43564), (234, 43444), (236, 43426), (242, 43396), (256, 43282), (260, 43258),

Gene: MiculUcigas_74 Start: 44267, Stop: 43452, Start Num: 77

Candidate Starts for MiculUcigas_74:

(2, 44606), (6, 44579), (7, 44576), (Start: 77 @44267 has 159 MA's), (Start: 102 @44198 has 13 MA's), (Start: 105 @44168 has 1 MA's), (121, 44093), (Start: 128 @44075 has 1 MA's), (200, 43781), (201, 43778), (234, 43643), (256, 43481),

Gene: Midas2_64 Start: 42730, Stop: 41915, Start Num: 86

Candidate Starts for Midas2_64:

(Start: 86 @42730 has 72 MA's), (117, 42577), (125, 42556), (140, 42496), (144, 42475), (202, 42253), (219, 42157), (224, 42133), (230, 42115), (242, 42061), (246, 42037), (247, 42028), (256, 41947), (260, 41923),

Gene: Miko_67 Start: 43645, Stop: 42830, Start Num: 77

Candidate Starts for Miko_67:

(Start: 77 @43645 has 159 MA's), (Start: 102 @43576 has 13 MA's), (Start: 105 @43546 has 1 MA's), (Start: 128 @43453 has 1 MA's), (200, 43159), (201, 43156), (222, 43069), (234, 43021), (256, 42859),

Gene: Milcery_67 Start: 42621, Stop: 41809, Start Num: 86

Candidate Starts for Milcery_67:

(Start: 86 @42621 has 72 MA's), (117, 42468), (125, 42447), (140, 42387), (144, 42366), (202, 42144), (219, 42051), (224, 42027), (230, 42009), (242, 41955), (246, 41931), (247, 41922), (260, 41817),

Gene: Millski_67 Start: 43159, Stop: 42368, Start Num: 82

Candidate Starts for Millski_67:

(15, 43372), (Start: 82 @43159 has 185 MA's), (Start: 99 @43132 has 6 MA's), (125, 42985), (134, 42961), (164, 42784), (192, 42718), (199, 42691), (208, 42670), (219, 42613), (220, 42604), (234, 42550), (256, 42400),

Gene: MinecraftSteve_82 Start: 44644, Stop: 43796, Start Num: 77

Candidate Starts for MinecraftSteve_82:

(Start: 77 @44644 has 159 MA's), (Start: 82 @44638 has 185 MA's), (Start: 99 @44596 has 6 MA's), (Start: 102 @44563 has 13 MA's), (Start: 105 @44533 has 1 MA's), (Start: 128 @44440 has 1 MA's), (185, 44176), (223, 44029), (224, 44026), (234, 43987),

Gene: Miramae_67 Start: 42979, Stop: 42188, Start Num: 82

Candidate Starts for Miramae_67:

(Start: 82 @42979 has 185 MA's), (Start: 99 @42952 has 6 MA's), (125, 42805), (194, 42535), (199, 42511), (219, 42433), (220, 42424), (234, 42370), (256, 42220),

Gene: Misomonster_78 Start: 44076, Stop: 43261, Start Num: 91

Candidate Starts for Misomonster_78:

(19, 44256), (42, 44151), (Start: 91 @44076 has 77 MA's), (Start: 128 @43893 has 1 MA's), (134, 43869), (138, 43842), (142, 43824), (193, 43623), (199, 43599), (208, 43575), (234, 43455), (236, 43437), (256, 43293), (260, 43269),

Gene: MissWhite_72 Start: 42829, Stop: 41936, Start Num: 77

Candidate Starts for MissWhite_72:

(25, 42964), (Start: 77 @42829 has 159 MA's), (Start: 99 @42793 has 6 MA's), (100, 42784), (Start: 105 @42730 has 1 MA's), (113, 42676), (Start: 128 @42637 has 1 MA's), (167, 42430), (195, 42289), (201, 42262), (202, 42259), (219, 42190), (223, 42169), (234, 42127),

Gene: Molly_71 Start: 44467, Stop: 43649, Start Num: 67

Candidate Starts for Molly_71:

(Start: 57 @44485 has 17 MA's), (Start: 67 @44467 has 41 MA's), (Start: 77 @44455 has 159 MA's), (103, 44371), (Start: 105 @44353 has 1 MA's), (Start: 112 @44302 has 1 MA's), (119, 44287), (155, 44092), (165, 44056), (199, 43966), (201, 43960), (208, 43945), (211, 43939), (219, 43888), (222, 43873), (232, 43837), (234, 43828), (250, 43747), (256, 43681), (257, 43675), (260, 43657),

Gene: Monet_71 Start: 45587, Stop: 44784, Start Num: 79

Candidate Starts for Monet_71:

(Start: 79 @45587 has 38 MA's), (103, 45506), (Start: 105 @45488 has 1 MA's), (110, 45446), (Start: 112 @45437 has 1 MA's), (119, 45422), (154, 45236), (165, 45191), (199, 45101), (201, 45095), (208, 45080), (211, 45074), (219, 45023), (232, 44972), (234, 44963), (250, 44882), (252, 44870), (256, 44816), (257, 44810), (260, 44792),

Gene: MoneyMay_76 Start: 44049, Stop: 43234, Start Num: 91

Candidate Starts for MoneyMay_76:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: Moose_70 Start: 43742, Stop: 42942, Start Num: 88

Candidate Starts for Moose_70:

(Start: 88 @43742 has 25 MA's), (103, 43664), (Start: 105 @43646 has 1 MA's), (Start: 112 @43595 has 1 MA's), (119, 43580), (154, 43394), (165, 43349), (199, 43259), (201, 43253), (208, 43238), (219, 43181), (222, 43166), (232, 43130), (234, 43121), (250, 43040), (256, 42974), (257, 42968), (260, 42950),

Gene: Morpher26_67 Start: 43455, Stop: 42664, Start Num: 82

Candidate Starts for Morpher26_67:

(Start: 82 @43455 has 185 MA's), (Start: 99 @43428 has 6 MA's), (125, 43281), (134, 43257), (194, 43011), (199, 42987), (219, 42909), (220, 42900), (234, 42846), (256, 42696),

Gene: Morrow_69 Start: 43200, Stop: 42409, Start Num: 82

Candidate Starts for Morrow_69:

(Start: 82 @43200 has 185 MA's), (Start: 99 @43173 has 6 MA's), (125, 43026), (164, 42825), (192, 42759), (199, 42732), (208, 42711), (219, 42654), (220, 42645), (234, 42591), (256, 42441),

Gene: MrGordo_72 Start: 44403, Stop: 43573, Start Num: 64

Candidate Starts for MrGordo_72:

(Start: 31 @44487 has 1 MA's), (Start: 64 @44403 has 3 MA's), (Start: 77 @44391 has 159 MA's), (100, 44340), (Start: 102 @44316 has 13 MA's), (Start: 112 @44235 has 1 MA's), (119, 44220), (131, 44184), (134, 44160), (150, 44058), (154, 44025), (187, 43929), (199, 43890), (210, 43866), (212, 43860), (219, 43812), (234, 43752), (250, 43671), (256, 43605), (257, 43599), (260, 43581),

Gene: Mryolo_67 Start: 43590, Stop: 42766, Start Num: 63

Candidate Starts for Mryolo_67:

(Start: 63 @43590 has 40 MA's), (Start: 77 @43572 has 159 MA's), (103, 43488), (Start: 105 @43470 has 1 MA's), (110, 43428), (Start: 112 @43419 has 1 MA's), (119, 43404), (154, 43218), (165, 43173), (199, 43083), (201, 43077), (208, 43062), (211, 43056), (219, 43005), (222, 42990), (232, 42954), (234, 42945), (250, 42864), (256, 42798), (257, 42792), (260, 42774),

Gene: MuchMore_80 Start: 44041, Stop: 43226, Start Num: 91

Candidate Starts for MuchMore_80:

(19, 44221), (Start: 91 @44041 has 77 MA's), (Start: 99 @44014 has 6 MA's), (Start: 128 @43858 has 1 MA's), (134, 43834), (138, 43807), (142, 43789), (193, 43588), (199, 43564), (208, 43540), (234, 43420), (236, 43402), (242, 43372), (256, 43258), (260, 43234),

Gene: Mulciber_74 Start: 43912, Stop: 43097, Start Num: 77

Candidate Starts for Mulciber_74:

(Start: 77 @43912 has 159 MA's), (106, 43807), (Start: 112 @43762 has 1 MA's), (Start: 128 @43720 has 1 MA's), (133, 43702), (138, 43669), (150, 43594), (201, 43423), (219, 43351), (223, 43330), (234, 43291), (256, 43129),

Gene: Mule_65 Start: 42960, Stop: 42157, Start Num: 82

Candidate Starts for Mule_65:

(23, 43119), (Start: 82 @42960 has 185 MA's), (Start: 85 @42957 has 8 MA's), (103, 42879), (Start: 105 @42861 has 1 MA's), (Start: 112 @42810 has 1 MA's), (119, 42795), (154, 42609), (165, 42564), (199, 42474), (201, 42468), (208, 42453), (211, 42447), (219, 42396), (222, 42381), (232, 42345), (234, 42336), (250, 42255), (256, 42189), (257, 42183), (260, 42165),

Gene: Munch_76 Start: 44375, Stop: 43560, Start Num: 77

Candidate Starts for Munch_76:

(Start: 77 @44375 has 159 MA's), (106, 44270), (Start: 112 @44225 has 1 MA's), (Start: 128 @44183 has 1 MA's), (133, 44165), (150, 44057), (201, 43886), (219, 43814), (223, 43793), (234, 43754), (256, 43592),

Gene: Mundrea_67 Start: 43448, Stop: 42657, Start Num: 82

Candidate Starts for Mundrea_67:

(Start: 82 @43448 has 185 MA's), (Start: 99 @43421 has 6 MA's), (125, 43274), (134, 43250), (194, 43004), (199, 42980), (219, 42902), (234, 42839), (256, 42689),

Gene: Museum_71 Start: 45530, Stop: 44712, Start Num: 67

Candidate Starts for Museum_71:

(Start: 57 @45548 has 17 MA's), (Start: 67 @45530 has 41 MA's), (Start: 77 @45518 has 159 MA's), (103, 45434), (Start: 105 @45416 has 1 MA's), (Start: 112 @45365 has 1 MA's), (119, 45350), (154, 45164), (165, 45119), (199, 45029), (201, 45023), (208, 45008), (211, 45002), (219, 44951), (222, 44936), (232, 44900), (234, 44891), (250, 44810), (256, 44744), (257, 44738), (260, 44720),

Gene: MyraDee_71 Start: 41512, Stop: 40682, Start Num: 91

Candidate Starts for MyraDee_71:

(Start: 91 @41512 has 77 MA's), (100, 41473), (Start: 105 @41419 has 1 MA's), (127, 41329), (Start: 128 @41326 has 1 MA's), (142, 41257), (164, 41125), (167, 41116), (193, 41056), (217, 40945), (231, 40891), (234, 40876), (256, 40714), (260, 40690),

Gene: Myxus_75 Start: 43796, Stop: 42954, Start Num: 77

Candidate Starts for Myxus_75:

(Start: 77 @43796 has 159 MA's), (Start: 82 @43790 has 185 MA's), (Start: 102 @43727 has 13 MA's), (Start: 105 @43697 has 1 MA's), (116, 43634), (159, 43418), (199, 43286), (200, 43283), (201, 43280), (221, 43193), (234, 43145), (256, 42983),

Gene: NEHalo_67 Start: 44340, Stop: 43522, Start Num: 67

Candidate Starts for NEHalo_67:

(Start: 57 @44358 has 17 MA's), (Start: 67 @44340 has 41 MA's), (Start: 77 @44328 has 159 MA's), (103, 44244), (Start: 105 @44226 has 1 MA's), (Start: 112 @44175 has 1 MA's), (119, 44160), (154, 43974), (165, 43929), (199, 43839), (201, 43833), (208, 43818), (211, 43812), (219, 43761), (222, 43746), (232, 43710), (234, 43701), (250, 43620), (256, 43554), (257, 43548), (260, 43530),

Gene: NaSiaTalie_74 Start: 44361, Stop: 43546, Start Num: 77

Candidate Starts for NaSiaTalie_74:

(Start: 77 @44361 has 159 MA's), (Start: 102 @44292 has 13 MA's), (Start: 105 @44262 has 1 MA's), (121, 44187), (Start: 128 @44169 has 1 MA's), (200, 43875), (201, 43872), (234, 43737), (256, 43575),

Gene: Naca_70 Start: 44025, Stop: 43210, Start Num: 86

Candidate Starts for Naca_70:

(38, 44112), (Start: 86 @44025 has 72 MA's), (Start: 105 @43935 has 1 MA's), (117, 43872), (123, 43854), (125, 43851), (140, 43791), (144, 43770), (153, 43701), (195, 43578), (202, 43548), (206, 43512), (211, 43503), (219, 43452), (220, 43443), (224, 43428), (229, 43413), (242, 43356), (246, 43332), (247, 43323), (256, 43242), (260, 43218),

Gene: Naiad_55 Start: 39367, Stop: 38558, Start Num: 86

Candidate Starts for Naiad_55:

(Start: 86 @39367 has 72 MA's), (95, 39355), (107, 39253), (Start: 109 @39247 has 1 MA's), (125, 39193), (132, 39178), (150, 39067), (152, 39049), (214, 38842), (230, 38770), (231, 38767), (234, 38752), (250, 38671), (256, 38602), (257, 38596),

Gene: Naira_74 Start: 46178, Stop: 45354, Start Num: 63

Candidate Starts for Naira_74:

(47, 46211), (Start: 63 @46178 has 40 MA's), (Start: 77 @46160 has 159 MA's), (103, 46076), (Start: 105 @46058 has 1 MA's), (Start: 112 @46007 has 1 MA's), (119, 45992), (154, 45806), (165, 45761), (199, 45671), (201, 45665), (219, 45593), (222, 45578), (232, 45542), (234, 45533), (250, 45452), (256, 45386), (257, 45380), (260, 45362),

Gene: Naji_76 Start: 44861, Stop: 44052, Start Num: 87

Candidate Starts for Naji_76:

(Start: 87 @44861 has 13 MA's), (Start: 99 @44831 has 6 MA's), (Start: 102 @44798 has 13 MA's), (Start: 105 @44768 has 1 MA's), (126, 44681), (134, 44651), (167, 44468), (201, 44378), (219, 44306), (223, 44285), (234, 44243), (235, 44240), (253, 44126), (254, 44114), (256, 44081),

Gene: Nancinator_56 Start: 39284, Stop: 38478, Start Num: 86

Candidate Starts for Nancinator_56:

(Start: 86 @39284 has 72 MA's), (95, 39275), (101, 39239), (Start: 105 @39197 has 1 MA's), (107, 39173), (Start: 109 @39167 has 1 MA's), (125, 39113), (132, 39098), (150, 38987), (180, 38879), (214, 38762), (219, 38735), (230, 38690), (231, 38687), (234, 38672), (250, 38591), (257, 38516),

Gene: Natosaleda_55 Start: 39283, Stop: 38477, Start Num: 86

Candidate Starts for Natosaleda_55:

(Start: 86 @39283 has 72 MA's), (95, 39274), (101, 39238), (Start: 105 @39196 has 1 MA's), (107, 39172), (Start: 109 @39166 has 1 MA's), (125, 39112), (132, 39097), (150, 38986), (180, 38878),

(214, 38761), (219, 38734), (230, 38689), (231, 38686), (234, 38671), (250, 38590), (257, 38515),

Gene: NearlyHeadless_83 Start: 45095, Stop: 44292, Start Num: 81

Candidate Starts for NearlyHeadless_83:

(Start: 81 @45095 has 12 MA's), (Start: 102 @45032 has 13 MA's), (113, 44948), (124, 44921), (140, 44861), (154, 44762), (188, 44663), (201, 44621), (207, 44603), (209, 44600), (224, 44525), (234, 44486), (246, 44414), (250, 44393), (260, 44300),

Gene: Nebs_69 Start: 43197, Stop: 42406, Start Num: 82

Candidate Starts for Nebs_69:

(Start: 82 @43197 has 185 MA's), (Start: 99 @43170 has 6 MA's), (125, 43023), (164, 42822), (192, 42756), (199, 42729), (208, 42708), (219, 42651), (220, 42642), (234, 42588), (256, 42438),

Gene: Nebulosus_79 Start: 44308, Stop: 43460, Start Num: 77

Candidate Starts for Nebulosus_79:

(Start: 77 @44308 has 159 MA's), (Start: 82 @44302 has 185 MA's), (Start: 99 @44260 has 6 MA's), (Start: 102 @44227 has 13 MA's), (Start: 105 @44197 has 1 MA's), (Start: 128 @44104 has 1 MA's), (223, 43693), (224, 43690), (234, 43651),

Gene: Nedarya_77 Start: 44538, Stop: 43654, Start Num: 77

Candidate Starts for Nedarya_77:

(Start: 77 @44538 has 159 MA's), (95, 44511), (Start: 105 @44433 has 1 MA's), (138, 44304), (162, 44163), (178, 44097), (179, 44094), (185, 44037), (219, 43911), (223, 43890), (224, 43887), (234, 43848), (255, 43698), (256, 43686),

Gene: Neeharika16_73 Start: 43332, Stop: 42505, Start Num: 82

Candidate Starts for Neeharika16_73:

(Start: 82 @43332 has 185 MA's), (97, 43302), (Start: 102 @43260 has 13 MA's), (Start: 105 @43230 has 1 MA's), (Start: 112 @43179 has 1 MA's), (126, 43143), (134, 43113), (140, 43077), (152, 42993), (187, 42885), (200, 42831), (201, 42828), (219, 42756), (223, 42735), (224, 42732), (234, 42696), (256, 42534),

Gene: Nemo27_67 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for Nemo27_67:

(15, 43370), (Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234, 42548), (256, 42398),

Gene: Nerujay_75 Start: 46801, Stop: 45980, Start Num: 67

Candidate Starts for Nerujay_75:

(33, 46885), (Start: 67 @46801 has 41 MA's), (Start: 77 @46789 has 159 MA's), (103, 46702), (Start: 105 @46684 has 1 MA's), (Start: 112 @46633 has 1 MA's), (119, 46618), (154, 46432), (165, 46387), (199, 46297), (201, 46291), (208, 46276), (210, 46273), (211, 46270), (219, 46219), (222, 46204), (232, 46168), (234, 46159), (250, 46078), (252, 46066), (256, 46012), (257, 46006), (260, 45988),

Gene: Newrala_75 Start: 43671, Stop: 42844, Start Num: 82

Candidate Starts for Newrala_75:

(Start: 82 @43671 has 185 MA's), (97, 43641), (Start: 102 @43599 has 13 MA's), (Start: 105 @43569 has 1 MA's), (Start: 112 @43518 has 1 MA's), (126, 43482), (134, 43452), (140, 43416), (152, 43332), (187, 43224), (200, 43170), (201, 43167), (219, 43095), (223, 43074), (224, 43071), (234, 43035), (256, 42873),

Gene: Nhonho_68 Start: 44680, Stop: 43856, Start Num: 63

Candidate Starts for Nhonho_68:

(Start: 63 @44680 has 40 MA's), (Start: 77 @44662 has 159 MA's), (103, 44578), (Start: 105 @44560 has 1 MA's), (Start: 112 @44509 has 1 MA's), (119, 44494), (154, 44308), (199, 44173), (201, 44167), (208, 44152), (219, 44095), (232, 44044), (234, 44035), (250, 43954), (256, 43888), (257, 43882), (260, 43864),

Gene: NicoleTera_71 Start: 44384, Stop: 43566, Start Num: 77

Candidate Starts for NicoleTera_71:

(Start: 77 @44384 has 159 MA's), (Start: 102 @44315 has 13 MA's), (Start: 105 @44285 has 1 MA's), (Start: 128 @44192 has 1 MA's), (199, 43901), (222, 43808), (223, 43802), (234, 43760), (256, 43598),

Gene: Niza_70 Start: 45506, Stop: 44685, Start Num: 67

Candidate Starts for Niza_70:

(33, 45590), (Start: 67 @45506 has 41 MA's), (Start: 77 @45494 has 159 MA's), (103, 45407), (Start: 105 @45389 has 1 MA's), (Start: 112 @45338 has 1 MA's), (119, 45323), (154, 45137), (165, 45092), (199, 45002), (201, 44996), (208, 44981), (211, 44975), (219, 44924), (222, 44909), (232, 44873), (234, 44864), (250, 44783), (256, 44717), (257, 44711), (260, 44693),

Gene: Noella_71 Start: 43639, Stop: 42845, Start Num: 79

Candidate Starts for Noella_71:

(Start: 79 @43639 has 38 MA's), (125, 43465), (194, 43195), (199, 43171), (234, 43027), (246, 42967), (256, 42877), (260, 42853),

Gene: Noelle_68 Start: 43762, Stop: 42971, Start Num: 82

Candidate Starts for Noelle_68:

(Start: 82 @43762 has 185 MA's), (Start: 99 @43735 has 6 MA's), (125, 43588), (194, 43318), (199, 43294), (208, 43273), (219, 43216), (220, 43207), (234, 43153), (256, 43003),

Gene: Norbert_67 Start: 43637, Stop: 42843, Start Num: 79

Candidate Starts for Norbert_67:

(Start: 79 @43637 has 38 MA's), (125, 43463), (194, 43193), (199, 43169), (234, 43025), (246, 42965), (256, 42875), (260, 42851),

Gene: NorthStar_66 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for NorthStar_66:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Norz_68 Start: 46168, Stop: 45344, Start Num: 63

Candidate Starts for Norz_68:

(47, 46201), (Start: 63 @46168 has 40 MA's), (Start: 77 @46150 has 159 MA's), (103, 46066), (Start: 105 @46048 has 1 MA's), (Start: 112 @45997 has 1 MA's), (119, 45982), (154, 45796), (165, 45751), (199, 45661), (201, 45655), (208, 45640), (211, 45634), (219, 45583), (222, 45568), (232, 45532), (234, 45523), (242, 45487), (250, 45442), (256, 45376), (257, 45370), (260, 45352),

Gene: NotAPhaseMom_67 Start: 43162, Stop: 42371, Start Num: 82

Candidate Starts for NotAPhaseMom_67:

(15, 43375), (Start: 82 @43162 has 185 MA's), (Start: 99 @43135 has 6 MA's), (125, 42988), (134, 42964), (164, 42787), (192, 42721), (199, 42694), (208, 42673), (219, 42616), (220, 42607), (234, 42553), (256, 42403),

Gene: NothingSpecial_69 Start: 44384, Stop: 43581, Start Num: 89

Candidate Starts for NothingSpecial_69:

(Start: 89 @44384 has 2 MA's), (95, 44375), (97, 44369), (Start: 99 @44360 has 6 MA's), (100, 44351), (Start: 102 @44327 has 13 MA's), (Start: 105 @44297 has 1 MA's), (Start: 128 @44204 has 1 MA's), (167, 43997), (195, 43934), (219, 43835), (222, 43820), (223, 43814), (234, 43772), (256, 43610),

Gene: Nyxis_67 Start: 43048, Stop: 42257, Start Num: 82

Candidate Starts for Nyxis_67:

(Start: 82 @43048 has 185 MA's), (Start: 99 @43021 has 6 MA's), (125, 42874), (164, 42673), (192, 42607), (199, 42580), (208, 42559), (219, 42502), (220, 42493), (234, 42439), (256, 42289),

Gene: OKCentral2016_66 Start: 42189, Stop: 41362, Start Num: 57

Candidate Starts for OKCentral2016_66:

(18, 42348), (Start: 57 @42189 has 17 MA's), (Start: 99 @42126 has 6 MA's), (Start: 105 @42063 has 1 MA's), (125, 41979), (132, 41964), (134, 41955), (192, 41712), (199, 41685), (205, 41667), (219, 41607), (234, 41544), (246, 41484), (254, 41427), (260, 41370),

Gene: OKaNui_67 Start: 43208, Stop: 42417, Start Num: 82

Candidate Starts for OKaNui_67:

(Start: 82 @43208 has 185 MA's), (Start: 99 @43181 has 6 MA's), (125, 43034), (164, 42833), (192, 42767), (199, 42740), (208, 42719), (219, 42662), (220, 42653), (234, 42599), (256, 42449),

Gene: Obama12_69 Start: 43581, Stop: 42790, Start Num: 82

Candidate Starts for Obama12_69:

(28, 43656), (Start: 82 @43581 has 185 MA's), (Start: 99 @43554 has 6 MA's), (125, 43407), (164, 43206), (192, 43140), (199, 43113), (208, 43092), (219, 43035), (220, 43026), (234, 42972), (256, 42822),

Gene: Odin_75 Start: 44342, Stop: 43449, Start Num: 77

Candidate Starts for Odin_75:

(Start: 77 @44342 has 159 MA's), (95, 44321), (Start: 99 @44306 has 6 MA's), (100, 44297), (Start: 102 @44273 has 13 MA's), (Start: 105 @44243 has 1 MA's), (114, 44183), (Start: 128 @44150 has 1 MA's), (167, 43943), (181, 43835), (201, 43775), (234, 43640), (256, 43478),

Gene: Ohfah_69 Start: 43197, Stop: 42406, Start Num: 82

Candidate Starts for Ohfah_69:

(Start: 82 @43197 has 185 MA's), (Start: 99 @43170 has 6 MA's), (125, 43023), (164, 42822), (192, 42756), (199, 42729), (208, 42708), (219, 42651), (220, 42642), (234, 42588), (256, 42438),

Gene: Ohno789_70 Start: 44630, Stop: 43830, Start Num: 88

Candidate Starts for Ohno789_70:

(70, 44648), (Start: 88 @44630 has 25 MA's), (103, 44552), (Start: 105 @44534 has 1 MA's), (Start: 112 @44483 has 1 MA's), (119, 44468), (154, 44282), (165, 44237), (199, 44147), (201, 44141), (208, 44126), (211, 44120), (219, 44069), (222, 44054), (232, 44018), (234, 44009), (250, 43928), (256, 43862), (257, 43856), (260, 43838),

Gene: OlanP_75 Start: 44039, Stop: 43224, Start Num: 91

Candidate Starts for OlanP_75:

(Start: 91 @44039 has 77 MA's), (113, 43895), (Start: 128 @43856 has 1 MA's), (138, 43805), (142, 43787), (193, 43586), (199, 43562), (217, 43487), (234, 43418), (236, 43400), (256, 43256), (260, 43232),

Gene: Olicious_66 Start: 34368, Stop: 33547, Start Num: 93

Candidate Starts for Olicious_66:

(Start: 93 @34368 has 14 MA's), (Start: 98 @34353 has 2 MA's), (113, 34230), (129, 34185), (132, 34173), (135, 34158), (138, 34137), (153, 34026), (157, 33996), (184, 33918), (218, 33786), (228, 33744), (231, 33735), (240, 33687), (250, 33633),

Gene: Ollie_77 Start: 43920, Stop: 43105, Start Num: 91

Candidate Starts for Ollie_77:

(19, 44100), (Start: 91 @43920 has 77 MA's), (Start: 99 @43893 has 6 MA's), (Start: 128 @43737 has 1 MA's), (134, 43713), (138, 43686), (142, 43668), (193, 43467), (199, 43443), (208, 43419), (234, 43299), (236, 43281), (242, 43251), (256, 43137), (260, 43113),

Gene: Oofda_81 Start: 44599, Stop: 43748, Start Num: 77

Candidate Starts for Oofda_81:

(Start: 77 @44599 has 159 MA's), (Start: 82 @44593 has 185 MA's), (Start: 99 @44551 has 6 MA's), (Start: 102 @44518 has 13 MA's), (Start: 105 @44488 has 1 MA's), (Start: 128 @44395 has 1 MA's), (185, 44131), (223, 43984), (224, 43981), (234, 43942), (256, 43780),

Gene: Oogway_67 Start: 44664, Stop: 43864, Start Num: 85

Candidate Starts for Oogway_67:

(23, 44826), (Start: 82 @44667 has 185 MA's), (Start: 85 @44664 has 8 MA's), (103, 44586), (Start: 105 @44568 has 1 MA's), (Start: 112 @44517 has 1 MA's), (119, 44502), (154, 44316), (165, 44271), (199, 44181), (201, 44175), (208, 44160), (211, 44154), (219, 44103), (222, 44088), (232, 44052), (234, 44043), (250, 43962), (256, 43896), (257, 43890), (260, 43872),

Gene: Orange_75 Start: 43924, Stop: 43109, Start Num: 77

Candidate Starts for Orange_75:

(Start: 77 @43924 has 159 MA's), (106, 43819), (Start: 112 @43774 has 1 MA's), (Start: 128 @43732 has 1 MA's), (133, 43714), (150, 43606), (201, 43435), (219, 43363), (223, 43342), (234, 43303), (256, 43141),

Gene: P28Green_77 Start: 44052, Stop: 43237, Start Num: 91

Candidate Starts for P28Green_77:

(19, 44232), (Start: 91 @44052 has 77 MA's), (Start: 99 @44025 has 6 MA's), (Start: 128 @43869 has 1 MA's), (134, 43845), (138, 43818), (142, 43800), (193, 43599), (199, 43575), (208, 43551), (234, 43431), (236, 43413), (242, 43383), (256, 43269), (260, 43245),

Gene: PGHhamlin_79 Start: 44041, Stop: 43226, Start Num: 91

Candidate Starts for PGHhamlin_79:

(19, 44221), (Start: 91 @44041 has 77 MA's), (Start: 99 @44014 has 6 MA's), (Start: 128 @43858 has 1 MA's), (134, 43834), (138, 43807), (142, 43789), (193, 43588), (199, 43564), (208, 43540), (234, 43420), (236, 43402), (242, 43372), (256, 43258), (260, 43234),

Gene: PP_70 Start: 47737, Stop: 46928, Start Num: 82

Candidate Starts for PP_70:

(Start: 82 @47737 has 185 MA's), (Start: 105 @47641 has 1 MA's), (125, 47557), (132, 47542), (151, 47419), (167, 47347), (192, 47290), (195, 47284), (199, 47263), (202, 47254), (211, 47221), (220, 47161), (222, 47155), (223, 47149), (234, 47110), (246, 47050), (252, 47017), (260, 46936),

Gene: PSullivan_67 Start: 43301, Stop: 42483, Start Num: 67

Candidate Starts for PSullivan_67:

(Start: 57 @43319 has 17 MA's), (Start: 67 @43301 has 41 MA's), (Start: 77 @43289 has 159 MA's), (103, 43205), (Start: 105 @43187 has 1 MA's), (110, 43145), (Start: 112 @43136 has 1 MA's), (119,

43121), (154, 42935), (165, 42890), (199, 42800), (201, 42794), (208, 42779), (211, 42773), (219, 42722), (222, 42707), (232, 42671), (234, 42662), (250, 42581), (256, 42515), (257, 42509), (260, 42491),

Gene: PacerPaul_69 Start: 44505, Stop: 43693, Start Num: 84

Candidate Starts for PacerPaul_69:

(47, 44562), (Start: 84 @44505 has 29 MA's), (Start: 102 @44436 has 13 MA's), (Start: 112 @44355 has 1 MA's), (119, 44340), (131, 44304), (134, 44280), (150, 44178), (154, 44145), (187, 44049), (199, 44010), (210, 43986), (219, 43932), (234, 43872), (250, 43791), (256, 43725), (257, 43719), (260, 43701),

Gene: PackMan_74 Start: 43671, Stop: 42829, Start Num: 77

Candidate Starts for PackMan_74:

(Start: 77 @43671 has 159 MA's), (Start: 82 @43665 has 185 MA's), (Start: 102 @43602 has 13 MA's), (Start: 105 @43572 has 1 MA's), (116, 43509), (159, 43293), (199, 43161), (200, 43158), (201, 43155), (221, 43068), (234, 43020), (256, 42858),

Gene: PainterBoy_77 Start: 44857, Stop: 43937, Start Num: 77

Candidate Starts for PainterBoy_77:

(Start: 77 @44857 has 159 MA's), (Start: 105 @44764 has 1 MA's), (127, 44674), (156, 44500), (199, 44266), (200, 44263), (220, 44179), (234, 44128), (239, 44092),

Gene: Palestino_67 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Palestino_67:

(15, 43371), (Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Panamaxus_69 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for Panamaxus_69:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: Papez_73 Start: 45858, Stop: 45034, Start Num: 63

Candidate Starts for Papez_73:

(47, 45891), (Start: 63 @45858 has 40 MA's), (Start: 77 @45840 has 159 MA's), (103, 45756), (Start: 105 @45738 has 1 MA's), (Start: 112 @45687 has 1 MA's), (119, 45672), (155, 45477), (165, 45441), (199, 45351), (201, 45345), (208, 45330), (210, 45327), (211, 45324), (219, 45273), (222, 45258), (232, 45222), (234, 45213), (250, 45132), (256, 45066), (257, 45060), (260, 45042),

Gene: Paphu_67 Start: 44203, Stop: 43379, Start Num: 63

Candidate Starts for Paphu_67:

(47, 44236), (Start: 63 @44203 has 40 MA's), (Start: 77 @44185 has 159 MA's), (103, 44101), (Start: 105 @44083 has 1 MA's), (Start: 112 @44032 has 1 MA's), (119, 44017), (154, 43831), (165, 43786), (199, 43696), (201, 43690), (208, 43675), (211, 43669), (219, 43618), (222, 43603), (232, 43567), (234, 43558), (242, 43522), (250, 43477), (256, 43411), (257, 43405), (260, 43387),

Gene: Paraselene_69 Start: 44699, Stop: 43881, Start Num: 67

Candidate Starts for Paraselene_69:

(Start: 57 @44717 has 17 MA's), (Start: 67 @44699 has 41 MA's), (Start: 77 @44687 has 159 MA's), (103, 44603), (Start: 105 @44585 has 1 MA's), (Start: 112 @44534 has 1 MA's), (119, 44519), (154, 44333), (165, 44288), (199, 44198), (201, 44192), (208, 44177), (211, 44171), (219, 44120), (222, 44105), (232, 44069), (234, 44060), (250, 43979), (256, 43913), (257, 43907), (260, 43889),

Gene: Pari_73 Start: 43700, Stop: 42897, Start Num: 84

Candidate Starts for Pari_73:

(48, 43757), (Start: 84 @43700 has 29 MA's), (103, 43619), (Start: 105 @43601 has 1 MA's), (Start: 112 @43550 has 1 MA's), (154, 43349), (165, 43304), (199, 43214), (201, 43208), (208, 43193), (219, 43136), (222, 43121), (232, 43085), (234, 43076), (250, 42995), (256, 42929), (257, 42923), (260, 42905),

Gene: Parliament_69 Start: 45989, Stop: 45171, Start Num: 67

Candidate Starts for Parliament_69:

(40, 46052), (Start: 67 @45989 has 41 MA's), (Start: 77 @45977 has 159 MA's), (103, 45893), (Start: 105 @45875 has 1 MA's), (Start: 112 @45824 has 1 MA's), (119, 45809), (154, 45623), (165, 45578), (199, 45488), (201, 45482), (208, 45467), (211, 45461), (219, 45410), (222, 45395), (232, 45359), (234, 45350), (250, 45269), (256, 45203), (257, 45197), (260, 45179),

Gene: Partridge_55 Start: 39644, Stop: 38835, Start Num: 86

Candidate Starts for Partridge_55:

(Start: 86 @39644 has 72 MA's), (95, 39632), (101, 39596), (107, 39530), (Start: 109 @39524 has 1 MA's), (125, 39470), (132, 39455), (150, 39344), (214, 39119), (230, 39047), (231, 39044), (234, 39029), (250, 38948), (257, 38873),

Gene: PascalRango_67 Start: 43958, Stop: 43305, Start Num: 112

Candidate Starts for PascalRango_67:

(50, 44153), (52, 44150), (54, 44147), (Start: 102 @44039 has 13 MA's), (Start: 112 @43958 has 1 MA's), (119, 43943), (154, 43757), (199, 43622), (201, 43616), (208, 43601), (219, 43544), (222, 43529), (232, 43493), (234, 43484), (250, 43403), (256, 43337), (257, 43331), (260, 43313),

Gene: PattyP_71 Start: 45236, Stop: 44418, Start Num: 67

Candidate Starts for PattyP_71:

(Start: 57 @45254 has 17 MA's), (Start: 67 @45236 has 41 MA's), (Start: 77 @45224 has 159 MA's), (103, 45140), (Start: 105 @45122 has 1 MA's), (Start: 112 @45071 has 1 MA's), (119, 45056), (154, 44870), (165, 44825), (199, 44735), (201, 44729), (208, 44714), (211, 44708), (219, 44657), (222, 44642), (232, 44606), (234, 44597), (250, 44516), (256, 44450), (257, 44444), (260, 44426),

Gene: Pawn_75 Start: 43870, Stop: 43055, Start Num: 91

Candidate Starts for Pawn_75:

(19, 44047), (Start: 91 @43870 has 77 MA's), (Start: 105 @43780 has 1 MA's), (Start: 128 @43687 has 1 MA's), (134, 43663), (142, 43618), (193, 43417), (199, 43393), (217, 43318), (234, 43249), (256, 43087), (260, 43063),

Gene: Payneful_66 Start: 44244, Stop: 43420, Start Num: 63

Candidate Starts for Payneful_66:

(Start: 63 @44244 has 40 MA's), (Start: 77 @44226 has 159 MA's), (103, 44142), (Start: 105 @44124 has 1 MA's), (110, 44082), (Start: 112 @44073 has 1 MA's), (119, 44058), (154, 43872), (199, 43737), (201, 43731), (208, 43716), (219, 43659), (222, 43644), (232, 43608), (234, 43599), (242, 43563), (250, 43518), (256, 43452), (257, 43446), (260, 43428),

Gene: PeaceMeal1_66 Start: 42091, Stop: 41249, Start Num: 57

Candidate Starts for PeaceMeal1_66:

(18, 42250), (Start: 57 @42091 has 17 MA's), (Start: 63 @42079 has 40 MA's), (Start: 99 @42028 has 6 MA's), (125, 41881), (132, 41866), (200, 41584), (222, 41479), (224, 41470), (234, 41431), (246, 41371), (256, 41281), (260, 41257),

Gene: Peaches_66 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for Peaches_66:

(Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234, 42548), (256, 42398),

Gene: Pelly_69 Start: 46158, Stop: 45355, Start Num: 84

Candidate Starts for Pelly_69:

(48, 46215), (Start: 84 @46158 has 29 MA's), (103, 46077), (Start: 105 @46059 has 1 MA's), (Start: 112 @46008 has 1 MA's), (119, 45993), (154, 45807), (165, 45762), (199, 45672), (201, 45666), (208, 45651), (211, 45645), (219, 45594), (222, 45579), (232, 45543), (234, 45534), (250, 45453), (256, 45387), (257, 45381), (260, 45363),

Gene: Pembroke_77 Start: 44050, Stop: 43235, Start Num: 91

Candidate Starts for Pembroke_77:

(19, 44230), (Start: 91 @44050 has 77 MA's), (Start: 99 @44023 has 6 MA's), (Start: 128 @43867 has 1 MA's), (134, 43843), (138, 43816), (142, 43798), (193, 43597), (199, 43573), (208, 43549), (234, 43429), (236, 43411), (242, 43381), (256, 43267), (260, 43243),

Gene: Penny1_77 Start: 44053, Stop: 43238, Start Num: 91

Candidate Starts for Penny1_77:

(19, 44233), (Start: 91 @44053 has 77 MA's), (Start: 99 @44026 has 6 MA's), (Start: 128 @43870 has 1 MA's), (134, 43846), (138, 43819), (142, 43801), (193, 43600), (199, 43576), (208, 43552), (234, 43432), (236, 43414), (242, 43384), (256, 43270), (260, 43246),

Gene: Pepe_66 Start: 42697, Stop: 41867, Start Num: 64

Candidate Starts for Pepe_66:

(Start: 31 @42781 has 1 MA's), (Start: 64 @42697 has 3 MA's), (Start: 77 @42685 has 159 MA's), (Start: 102 @42610 has 13 MA's), (Start: 112 @42529 has 1 MA's), (119, 42514), (131, 42478), (134, 42454), (154, 42319), (187, 42223), (210, 42160), (219, 42106), (234, 42046), (250, 41965), (256, 41899), (257, 41893), (260, 41875),

Gene: Percastrophe_66 Start: 34302, Stop: 33481, Start Num: 93

Candidate Starts for Percastrophe_66:

(Start: 93 @34302 has 14 MA's), (Start: 98 @34287 has 2 MA's), (113, 34164), (129, 34119), (132, 34107), (135, 34092), (138, 34071), (153, 33960), (157, 33930), (184, 33852), (199, 33792), (218, 33720), (228, 33678), (231, 33669), (240, 33621), (250, 33567),

Gene: Perplexer_67 Start: 43431, Stop: 42640, Start Num: 82

Candidate Starts for Perplexer_67:

(Start: 82 @43431 has 185 MA's), (Start: 99 @43404 has 6 MA's), (125, 43257), (134, 43233), (194, 42987), (199, 42963), (219, 42885), (234, 42822), (256, 42672),

Gene: Perseus_66 Start: 45117, Stop: 44317, Start Num: 85

Candidate Starts for Perseus_66:

(23, 45279), (Start: 82 @45120 has 185 MA's), (Start: 85 @45117 has 8 MA's), (103, 45039), (Start: 105 @45021 has 1 MA's), (Start: 112 @44970 has 1 MA's), (119, 44955), (154, 44769), (165, 44724), (199, 44634), (201, 44628), (208, 44613), (211, 44607), (219, 44556), (222, 44541), (232, 44505), (234, 44496), (250, 44415), (256, 44349), (257, 44343), (260, 44325),

Gene: PeterPeter_68 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for PeterPeter_68:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Petersenfast_70 Start: 42806, Stop: 41991, Start Num: 77

Candidate Starts for Petersenfast_70:

(Start: 77 @42806 has 159 MA's), (106, 42701), (Start: 112 @42656 has 1 MA's), (Start: 128 @42614 has 1 MA's), (133, 42596), (138, 42563), (140, 42554), (150, 42488), (201, 42317), (219, 42245), (223, 42224), (234, 42185), (256, 42023),

Gene: Peterson_71 Start: 46001, Stop: 45183, Start Num: 63

Candidate Starts for Peterson_71:

(47, 46034), (Start: 63 @46001 has 40 MA's), (Start: 77 @45989 has 159 MA's), (103, 45905), (Start: 105 @45887 has 1 MA's), (Start: 112 @45836 has 1 MA's), (119, 45821), (154, 45635), (165, 45590), (199, 45500), (201, 45494), (208, 45479), (211, 45473), (219, 45422), (222, 45407), (232, 45371), (234, 45362), (250, 45281), (256, 45215), (257, 45209), (260, 45191),

Gene: PetiteSangsue_67 Start: 43434, Stop: 42643, Start Num: 82

Candidate Starts for PetiteSangsue_67:

(Start: 82 @43434 has 185 MA's), (Start: 99 @43407 has 6 MA's), (125, 43260), (134, 43236), (194, 42990), (199, 42966), (219, 42888), (220, 42879), (234, 42825), (256, 42675),

Gene: Petp2012_72 Start: 46035, Stop: 45199, Start Num: 57

Candidate Starts for Petp2012_72:

(Start: 57 @46035 has 17 MA's), (Start: 67 @46017 has 41 MA's), (Start: 77 @46005 has 159 MA's), (103, 45921), (Start: 105 @45903 has 1 MA's), (Start: 112 @45852 has 1 MA's), (119, 45837), (154, 45651), (165, 45606), (199, 45516), (201, 45510), (208, 45495), (211, 45489), (219, 45438), (222, 45423), (232, 45387), (234, 45378), (250, 45297), (256, 45231), (257, 45225), (260, 45207),

Gene: Petruccio_71 Start: 44066, Stop: 43230, Start Num: 55

Candidate Starts for Petruccio_71:

(Start: 55 @44066 has 8 MA's), (59, 44057), (Start: 65 @44048 has 6 MA's), (Start: 77 @44036 has 159 MA's), (103, 43952), (Start: 105 @43934 has 1 MA's), (Start: 112 @43883 has 1 MA's), (119, 43868), (154, 43682), (165, 43637), (199, 43547), (201, 43541), (208, 43526), (211, 43520), (219, 43469), (222, 43454), (232, 43418), (234, 43409), (250, 43328), (256, 43262), (257, 43256), (260, 43238),

Gene: PetterN_75 Start: 43812, Stop: 42997, Start Num: 86

Candidate Starts for PetterN_75:

(38, 43899), (Start: 86 @43812 has 72 MA's), (125, 43638), (140, 43578), (144, 43557), (153, 43488), (195, 43365), (202, 43335), (206, 43299), (211, 43290), (219, 43239), (220, 43230), (224, 43215), (229, 43200), (242, 43143), (246, 43119), (247, 43110), (256, 43029), (260, 43005),

Gene: Ph8s_78 Start: 44380, Stop: 43490, Start Num: 77

Candidate Starts for Ph8s_78:

(Start: 77 @44380 has 159 MA's), (95, 44359), (Start: 99 @44344 has 6 MA's), (100, 44335), (Start: 102 @44311 has 13 MA's), (Start: 105 @44281 has 1 MA's), (107, 44257), (Start: 128 @44188 has 1 MA's), (167, 43981), (181, 43873), (226, 43708), (228, 43702), (234, 43681), (256, 43519),

Gene: Phacado_68 Start: 43157, Stop: 42366, Start Num: 82

Candidate Starts for Phacado_68:

(15, 43370), (Start: 82 @43157 has 185 MA's), (Start: 99 @43130 has 6 MA's), (125, 42983), (134, 42959), (164, 42782), (192, 42716), (199, 42689), (208, 42668), (219, 42611), (220, 42602), (234,

42548), (256, 42398),

Gene: Phaded_69 Start: 45573, Stop: 44761, Start Num: 82

Candidate Starts for Phaded_69:

(44, 45636), (Start: 82 @45573 has 185 MA's), (Start: 88 @45567 has 25 MA's), (Start: 99 @45537 has 6 MA's), (Start: 102 @45504 has 13 MA's), (Start: 105 @45474 has 1 MA's), (Start: 128 @45381 has 1 MA's), (201, 45084), (234, 44952), (256, 44790),

Gene: Phaeder_75 Start: 43671, Stop: 42829, Start Num: 77

Candidate Starts for Phaeder_75:

(Start: 77 @43671 has 159 MA's), (Start: 82 @43665 has 185 MA's), (Start: 102 @43602 has 13 MA's), (Start: 105 @43572 has 1 MA's), (116, 43509), (159, 43293), (199, 43161), (200, 43158), (201, 43155), (221, 43068), (234, 43020), (256, 42858),

Gene: PhailMary_55 Start: 39667, Stop: 38858, Start Num: 86

Candidate Starts for PhailMary_55:

(Start: 86 @39667 has 72 MA's), (95, 39655), (101, 39619), (107, 39553), (Start: 109 @39547 has 1 MA's), (125, 39493), (132, 39478), (150, 39367), (214, 39142), (230, 39070), (231, 39067), (234, 39052), (250, 38971), (256, 38902),

Gene: Phantastic_73 Start: 43321, Stop: 42527, Start Num: 79

Candidate Starts for Phantastic_73:

(32, 43393), (Start: 79 @43321 has 38 MA's), (194, 42877), (199, 42853), (234, 42709), (256, 42559), (260, 42535),

Gene: Pharaoh_69 Start: 43775, Stop: 42885, Start Num: 77

Candidate Starts for Pharaoh_69:

(3, 44102), (4, 44084), (Start: 77 @43775 has 159 MA's), (Start: 99 @43745 has 6 MA's), (Start: 102 @43712 has 13 MA's), (Start: 105 @43682 has 1 MA's), (Start: 128 @43589 has 1 MA's), (171, 43352), (201, 43211), (220, 43130), (226, 43106), (234, 43076), (237, 43049), (256, 42914), (259, 42890),

Gene: Phelipe_69 Start: 43197, Stop: 42406, Start Num: 82

Candidate Starts for Phelipe_69:

(Start: 82 @43197 has 185 MA's), (Start: 99 @43170 has 6 MA's), (125, 43023), (164, 42822), (192, 42756), (199, 42729), (208, 42708), (219, 42651), (220, 42642), (234, 42588), (256, 42438),

Gene: PherrisBueller_71 Start: 43120, Stop: 42296, Start Num: 63

Candidate Starts for PherrisBueller_71:

(47, 43153), (Start: 63 @43120 has 40 MA's), (Start: 77 @43102 has 159 MA's), (103, 43018), (Start: 105 @43000 has 1 MA's), (Start: 112 @42949 has 1 MA's), (119, 42934), (154, 42748), (165, 42703), (199, 42613), (201, 42607), (208, 42592), (219, 42535), (222, 42520), (232, 42484), (234, 42475), (250, 42394), (256, 42328), (257, 42322), (260, 42304),

Gene: Phighter1804_68 Start: 43222, Stop: 42431, Start Num: 82

Candidate Starts for Phighter1804_68:

(Start: 82 @43222 has 185 MA's), (Start: 99 @43195 has 6 MA's), (125, 43048), (134, 43024), (164, 42847), (192, 42781), (199, 42754), (208, 42733), (219, 42676), (220, 42667), (234, 42613), (256, 42463),

Gene: Phillis_79 Start: 44113, Stop: 43196, Start Num: 81

Candidate Starts for Phillis_79:

(Start: 81 @44113 has 12 MA's), (103, 44038), (107, 43996), (108, 43993), (113, 43966), (115, 43957), (120, 43945), (148, 43783), (157, 43714), (168, 43681), (190, 43630), (200, 43531), (208, 43510), (219, 43453), (224, 43429), (226, 43420), (234, 43393), (260, 43204),

Gene: PhishRPhriends_73 Start: 43047, Stop: 42232, Start Num: 91

Candidate Starts for PhishRPhriends_73:

(Start: 91 @43047 has 77 MA's), (113, 42903), (Start: 128 @42864 has 1 MA's), (138, 42813), (142, 42795), (193, 42594), (199, 42570), (217, 42495), (234, 42426), (236, 42408), (256, 42264), (260, 42240),

Gene: Phlei_60 Start: 42868, Stop: 42056, Start Num: 78

Candidate Starts for Phlei_60:

(78, 42868), (100, 42826), (Start: 102 @42802 has 13 MA's), (Start: 105 @42772 has 1 MA's), (Start: 112 @42721 has 1 MA's), (121, 42697), (126, 42685), (134, 42655), (153, 42529), (200, 42385), (201, 42382), (219, 42310), (226, 42277), (228, 42271), (242, 42202), (245, 42187), (250, 42157), (256, 42088),

Gene: Phlorence_66 Start: 42617, Stop: 41802, Start Num: 86

Candidate Starts for Phlorence_66:

(Start: 86 @42617 has 72 MA's), (117, 42464), (125, 42443), (140, 42383), (144, 42362), (202, 42140), (219, 42044), (224, 42020), (230, 42002), (242, 41948), (246, 41924), (247, 41915), (256, 41834), (260, 41810),

Gene: Phoebe_78 Start: 44042, Stop: 43227, Start Num: 91

Candidate Starts for Phoebe_78:

(19, 44222), (Start: 91 @44042 has 77 MA's), (Start: 99 @44015 has 6 MA's), (Start: 128 @43859 has 1 MA's), (134, 43835), (138, 43808), (142, 43790), (193, 43589), (199, 43565), (208, 43541), (234, 43421), (236, 43403), (242, 43373), (256, 43259), (260, 43235),

Gene: Phonnegut_75 Start: 43741, Stop: 42899, Start Num: 77

Candidate Starts for Phonnegut_75:

(Start: 77 @43741 has 159 MA's), (Start: 82 @43735 has 185 MA's), (Start: 102 @43672 has 13 MA's), (Start: 105 @43642 has 1 MA's), (116, 43579), (159, 43363), (199, 43231), (200, 43228), (201, 43225), (221, 43138), (234, 43090), (256, 42928),

Gene: Phontbonne_68 Start: 43064, Stop: 42273, Start Num: 82

Candidate Starts for Phontbonne_68:

(Start: 82 @43064 has 185 MA's), (Start: 99 @43037 has 6 MA's), (125, 42890), (164, 42689), (192, 42623), (199, 42596), (208, 42575), (219, 42518), (220, 42509), (234, 42455), (256, 42305),

Gene: Phoxy_77 Start: 44074, Stop: 43259, Start Num: 91

Candidate Starts for Phoxy_77:

(19, 44254), (Start: 91 @44074 has 77 MA's), (Start: 99 @44047 has 6 MA's), (Start: 128 @43891 has 1 MA's), (134, 43867), (138, 43840), (142, 43822), (193, 43621), (199, 43597), (208, 43573), (234, 43453), (236, 43435), (242, 43405), (256, 43291), (260, 43267),

Gene: Phrankenstein_56 Start: 39291, Stop: 38482, Start Num: 86

Candidate Starts for Phrankenstein_56:

(Start: 86 @39291 has 72 MA's), (95, 39279), (107, 39177), (Start: 109 @39171 has 1 MA's), (125, 39117), (132, 39102), (150, 38991), (152, 38973), (214, 38766), (230, 38694), (231, 38691), (234, 38676), (250, 38595), (256, 38526), (257, 38520),

Gene: Phranny_73 Start: 43030, Stop: 42215, Start Num: 91

Candidate Starts for Phranny_73:

(Start: 91 @43030 has 77 MA's), (113, 42886), (Start: 128 @42847 has 1 MA's), (138, 42796), (142, 42778), (193, 42577), (199, 42553), (217, 42478), (234, 42409), (236, 42391), (256, 42247), (260, 42223),

Gene: PhrostyMug_68 Start: 45134, Stop: 44331, Start Num: 82

Candidate Starts for PhrostyMug_68:

(23, 45293), (Start: 82 @45134 has 185 MA's), (Start: 85 @45131 has 8 MA's), (103, 45053), (Start: 105 @45035 has 1 MA's), (Start: 112 @44984 has 1 MA's), (119, 44969), (154, 44783), (165, 44738), (199, 44648), (201, 44642), (208, 44627), (211, 44621), (219, 44570), (222, 44555), (232, 44519), (234, 44510), (250, 44429), (256, 44363), (257, 44357), (260, 44339),

Gene: PickleBack_68 Start: 42794, Stop: 41979, Start Num: 86

Candidate Starts for PickleBack_68:

(Start: 86 @42794 has 72 MA's), (117, 42641), (125, 42620), (140, 42560), (144, 42539), (202, 42317), (219, 42221), (224, 42197), (230, 42179), (242, 42125), (246, 42101), (247, 42092), (256, 42011), (260, 41987),

Gene: PinkPlastic_68 Start: 43780, Stop: 42956, Start Num: 63

Candidate Starts for PinkPlastic_68:

(47, 43813), (Start: 63 @43780 has 40 MA's), (Start: 77 @43762 has 159 MA's), (103, 43678), (Start: 105 @43660 has 1 MA's), (Start: 112 @43609 has 1 MA's), (119, 43594), (154, 43408), (165, 43363), (199, 43273), (201, 43267), (208, 43252), (219, 43195), (222, 43180), (232, 43144), (234, 43135), (250, 43054), (256, 42988), (257, 42982), (260, 42964),

Gene: Pinto_69 Start: 43922, Stop: 43119, Start Num: 84

Candidate Starts for Pinto_69:

(48, 43979), (Start: 84 @43922 has 29 MA's), (Start: 105 @43823 has 1 MA's), (Start: 112 @43772 has 1 MA's), (119, 43757), (154, 43571), (165, 43526), (199, 43436), (201, 43430), (208, 43415), (211, 43409), (219, 43358), (222, 43343), (232, 43307), (234, 43298), (250, 43217), (256, 43151), (257, 43145), (260, 43127),

Gene: Pioneer_75 Start: 43735, Stop: 42899, Start Num: 82

Candidate Starts for Pioneer_75:

(Start: 77 @43741 has 159 MA's), (Start: 82 @43735 has 185 MA's), (Start: 102 @43672 has 13 MA's), (Start: 105 @43642 has 1 MA's), (116, 43579), (159, 43363), (199, 43231), (200, 43228), (201, 43225), (221, 43138), (234, 43090), (256, 42928),

Gene: Pipcraft_65 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for Pipcraft_65:

(Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: Pippin_69 Start: 43295, Stop: 42492, Start Num: 84

Candidate Starts for Pippin_69:

(48, 43352), (Start: 84 @43295 has 29 MA's), (103, 43214), (Start: 105 @43196 has 1 MA's), (Start: 112 @43145 has 1 MA's), (119, 43130), (154, 42944), (165, 42899), (199, 42809), (201, 42803), (208, 42788), (219, 42731), (222, 42716), (232, 42680), (234, 42671), (250, 42590), (256, 42524), (257, 42518), (260, 42500),

Gene: Piro94_73 Start: 44329, Stop: 43514, Start Num: 77

Candidate Starts for Piro94_73:

(Start: 77 @44329 has 159 MA's), (Start: 102 @44260 has 13 MA's), (Start: 105 @44230 has 1 MA's), (121, 44155), (Start: 128 @44137 has 1 MA's), (200, 43843), (201, 43840), (234, 43705), (256, 43543),

Gene: Pistachio_71 Start: 43228, Stop: 42434, Start Num: 79

Candidate Starts for Pistachio_71:

(Start: 79 @43228 has 38 MA's), (130, 43048), (194, 42784), (222, 42661), (234, 42616), (256, 42466), (260, 42442),

Gene: Pita2_71 Start: 44816, Stop: 43980, Start Num: 57

Candidate Starts for Pita2_71:

(Start: 57 @44816 has 17 MA's), (Start: 67 @44798 has 41 MA's), (Start: 77 @44786 has 159 MA's), (103, 44702), (Start: 105 @44684 has 1 MA's), (110, 44642), (Start: 112 @44633 has 1 MA's), (119, 44618), (154, 44432), (165, 44387), (199, 44297), (201, 44291), (208, 44276), (211, 44270), (219, 44219), (222, 44204), (232, 44168), (234, 44159), (250, 44078), (256, 44012), (257, 44006), (260, 43988),

Gene: Pmask_75 Start: 43869, Stop: 43042, Start Num: 82

Candidate Starts for Pmask_75:

(Start: 82 @43869 has 185 MA's), (97, 43839), (Start: 102 @43797 has 13 MA's), (Start: 105 @43767 has 1 MA's), (Start: 112 @43716 has 1 MA's), (126, 43680), (134, 43650), (140, 43614), (152, 43530), (187, 43422), (200, 43368), (201, 43365), (219, 43293), (223, 43272), (224, 43269), (234, 43233), (256, 43071),

Gene: Pocahontas_70 Start: 43635, Stop: 42841, Start Num: 79

Candidate Starts for Pocahontas_70:

(Start: 79 @43635 has 38 MA's), (125, 43461), (194, 43191), (199, 43167), (234, 43023), (246, 42963), (256, 42873), (260, 42849),

Gene: Polymorphads_68 Start: 43178, Stop: 42387, Start Num: 82

Candidate Starts for Polymorphads_68:

(Start: 82 @43178 has 185 MA's), (Start: 99 @43151 has 6 MA's), (125, 43004), (164, 42803), (192, 42737), (199, 42710), (208, 42689), (219, 42632), (220, 42623), (234, 42569), (256, 42419),

Gene: Pomar16_76 Start: 44901, Stop: 44092, Start Num: 87

Candidate Starts for Pomar16_76:

(Start: 87 @44901 has 13 MA's), (Start: 99 @44871 has 6 MA's), (Start: 102 @44838 has 13 MA's), (Start: 105 @44808 has 1 MA's), (126, 44721), (134, 44691), (167, 44508), (201, 44418), (219, 44346), (223, 44325), (234, 44283), (235, 44280), (253, 44166), (254, 44154), (256, 44121),

Gene: Poompha_65 Start: 42089, Stop: 41247, Start Num: 57

Candidate Starts for Poompha_65:

(18, 42248), (Start: 57 @42089 has 17 MA's), (Start: 63 @42077 has 40 MA's), (Start: 99 @42026 has 6 MA's), (125, 41879), (132, 41864), (200, 41582), (222, 41477), (224, 41468), (234, 41429), (246, 41369), (256, 41279), (260, 41255),

Gene: Popcicle_71 Start: 43635, Stop: 42841, Start Num: 79

Candidate Starts for Popcicle_71:

(Start: 79 @43635 has 38 MA's), (125, 43461), (194, 43191), (199, 43167), (234, 43023), (246, 42963), (256, 42873), (260, 42849),

Gene: PotatoSplit_78 Start: 44053, Stop: 43238, Start Num: 91

Candidate Starts for PotatoSplit_78:

(19, 44233), (Start: 91 @44053 has 77 MA's), (Start: 99 @44026 has 6 MA's), (Start: 128 @43870 has 1 MA's), (134, 43846), (138, 43819), (142, 43801), (193, 43600), (199, 43576), (208, 43552), (234, 43432), (236, 43414), (242, 43384), (256, 43270), (260, 43246),

Gene: Power_73 Start: 44703, Stop: 43885, Start Num: 77

Candidate Starts for Power_73:

(Start: 77 @44703 has 159 MA's), (Start: 102 @44631 has 13 MA's), (Start: 105 @44601 has 1 MA's), (Start: 128 @44508 has 1 MA's), (140, 44448), (199, 44217), (222, 44124), (223, 44118), (234, 44076), (238, 44046), (254, 43947), (256, 43914),

Gene: Priamo_77 Start: 43524, Stop: 42703, Start Num: 82

Candidate Starts for Priamo_77:

(Start: 82 @43524 has 185 MA's), (Start: 102 @43461 has 13 MA's), (Start: 112 @43380 has 1 MA's), (126, 43344), (Start: 128 @43338 has 1 MA's), (134, 43314), (152, 43194), (200, 43032), (201, 43029), (219, 42957), (222, 42942), (223, 42936), (226, 42924), (234, 42897), (242, 42849), (243, 42843), (256, 42735),

Gene: Priya_73 Start: 43468, Stop: 42626, Start Num: 77

Candidate Starts for Priya_73:

(Start: 77 @43468 has 159 MA's), (Start: 82 @43462 has 185 MA's), (Start: 102 @43399 has 13 MA's), (Start: 105 @43369 has 1 MA's), (116, 43306), (159, 43090), (199, 42958), (200, 42955), (201, 42952), (221, 42865), (234, 42817), (256, 42655),

Gene: Pukovnik_70 Start: 45209, Stop: 44409, Start Num: 89

Candidate Starts for Pukovnik_70:

(Start: 89 @45209 has 2 MA's), (95, 45200), (97, 45194), (Start: 99 @45185 has 6 MA's), (100, 45176), (Start: 102 @45152 has 13 MA's), (Start: 105 @45122 has 1 MA's), (Start: 128 @45029 has 1 MA's), (201, 44732), (234, 44600), (256, 44438),

Gene: Pumbaa_68 Start: 43103, Stop: 42312, Start Num: 82

Candidate Starts for Pumbaa_68:

(15, 43316), (Start: 82 @43103 has 185 MA's), (Start: 99 @43076 has 6 MA's), (125, 42929), (134, 42905), (164, 42728), (192, 42662), (199, 42635), (208, 42614), (219, 42557), (220, 42548), (234, 42494), (256, 42344),

Gene: Puppy_72 Start: 43300, Stop: 42506, Start Num: 79

Candidate Starts for Puppy_72:

(Start: 79 @43300 has 38 MA's), (130, 43120), (194, 42856), (222, 42733), (234, 42688), (256, 42538), (260, 42514),

Gene: PurpleHaze_76 Start: 43865, Stop: 43050, Start Num: 91

Candidate Starts for PurpleHaze_76:

(19, 44042), (Start: 91 @43865 has 77 MA's), (Start: 105 @43775 has 1 MA's), (Start: 128 @43682 has 1 MA's), (134, 43658), (142, 43613), (193, 43412), (199, 43388), (217, 43313), (234, 43244), (236, 43226), (256, 43082), (260, 43058),

Gene: QTRlifeCrisis_72 Start: 44454, Stop: 43636, Start Num: 67

Candidate Starts for QTRlifeCrisis_72:

(Start: 57 @44472 has 17 MA's), (Start: 67 @44454 has 41 MA's), (Start: 77 @44442 has 159 MA's), (103, 44358), (Start: 105 @44340 has 1 MA's), (Start: 112 @44289 has 1 MA's), (119, 44274), (154, 44088), (199, 43953), (201, 43947), (208, 43932), (211, 43926), (219, 43875), (222, 43860), (232, 43824), (234, 43815), (250, 43734), (256, 43668), (257, 43662), (260, 43644),

Gene: Qobbit_73 Start: 43430, Stop: 42588, Start Num: 77

Candidate Starts for Qobbit_73:

(Start: 77 @43430 has 159 MA's), (Start: 82 @43424 has 185 MA's), (Start: 102 @43361 has 13 MA's), (Start: 105 @43331 has 1 MA's), (116, 43268), (159, 43052), (199, 42920), (200, 42917), (201, 42914), (221, 42827), (234, 42779), (256, 42617),

Gene: QueenB2_71 Start: 43986, Stop: 43168, Start Num: 77

Candidate Starts for QueenB2_71:

(Start: 77 @43986 has 159 MA's), (Start: 102 @43914 has 13 MA's), (Start: 105 @43884 has 1 MA's), (Start: 128 @43791 has 1 MA's), (181, 43554), (199, 43500), (222, 43407), (223, 43401), (234, 43359), (238, 43329), (254, 43230), (256, 43197),

Gene: QueenBeesly_74 Start: 44660, Stop: 43842, Start Num: 77

Candidate Starts for QueenBeesly_74:

(Start: 77 @44660 has 159 MA's), (Start: 102 @44588 has 13 MA's), (Start: 105 @44558 has 1 MA's), (Start: 128 @44465 has 1 MA's), (140, 44405), (199, 44174), (222, 44081), (223, 44075), (234, 44033), (238, 44003), (254, 43904), (256, 43871),

Gene: QuinnKiro_70 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for QuinnKiro_70:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: RER2_49 Start: 36217, Stop: 35408, Start Num: 86

Candidate Starts for RER2_49:

(Start: 86 @36217 has 72 MA's), (95, 36205), (107, 36103), (Start: 109 @36097 has 1 MA's), (125, 36043), (132, 36028), (150, 35917), (152, 35899), (214, 35692), (230, 35620), (231, 35617), (234, 35602), (250, 35521), (256, 35452), (257, 35446),

Gene: RGL3_49 Start: 36886, Stop: 36197, Start Num: 109

Candidate Starts for RGL3_49:

(Start: 86 @37006 has 72 MA's), (Start: 99 @36979 has 6 MA's), (104, 36925), (Start: 109 @36886 has 1 MA's), (125, 36832), (132, 36817), (152, 36688), (167, 36622), (195, 36559), (202, 36538), (211, 36505), (214, 36481), (219, 36454), (234, 36391), (250, 36310), (258, 36220),

Gene: Rachaly_69 Start: 43790, Stop: 42975, Start Num: 77

Candidate Starts for Rachaly_69:

(Start: 77 @43790 has 159 MA's), (Start: 102 @43721 has 13 MA's), (Start: 105 @43691 has 1 MA's), (Start: 128 @43598 has 1 MA's), (200, 43304), (201, 43301), (222, 43214), (234, 43166), (256, 43004),

Gene: Rahalelujah_75 Start: 43604, Stop: 42768, Start Num: 77

Candidate Starts for Rahalelujah_75:

(Start: 77 @43604 has 159 MA's), (Start: 99 @43574 has 6 MA's), (Start: 102 @43541 has 13 MA's), (Start: 105 @43511 has 1 MA's), (Start: 112 @43460 has 1 MA's), (116, 43448), (Start: 128 @43418 has 1 MA's), (152, 43274), (153, 43268), (159, 43232), (187, 43151), (200, 43097), (201, 43094), (221, 43007), (234, 42959), (246, 42887),

Gene: Rajelicia_70 Start: 45698, Stop: 44895, Start Num: 84

Candidate Starts for Rajelicia_70:

(48, 45755), (Start: 84 @45698 has 29 MA's), (103, 45617), (Start: 105 @45599 has 1 MA's), (Start: 112 @45548 has 1 MA's), (119, 45533), (155, 45338), (165, 45302), (199, 45212), (201, 45206), (208, 45191), (211, 45185), (219, 45134), (222, 45119), (232, 45083), (234, 45074), (250, 44993), (256,

44927), (257, 44921), (260, 44903),

Gene: Rasputin_56 Start: 39315, Stop: 38506, Start Num: 86

Candidate Starts for Rasputin_56:

(Start: 86 @39315 has 72 MA's), (95, 39303), (107, 39201), (Start: 109 @39195 has 1 MA's), (125, 39141), (132, 39126), (150, 39015), (152, 38997), (214, 38790), (230, 38718), (231, 38715), (234, 38700), (250, 38619), (256, 38550), (257, 38544),

Gene: ReMo_80 Start: 44748, Stop: 43900, Start Num: 77

Candidate Starts for ReMo_80:

(Start: 77 @44748 has 159 MA's), (Start: 82 @44742 has 185 MA's), (Start: 99 @44700 has 6 MA's), (Start: 102 @44667 has 13 MA's), (Start: 105 @44637 has 1 MA's), (Start: 128 @44544 has 1 MA's), (185, 44280), (200, 44232), (223, 44133), (224, 44130), (234, 44091),

Gene: Reba_72 Start: 42703, Stop: 41888, Start Num: 91

Candidate Starts for Reba_72:

(Start: 91 @42703 has 77 MA's), (113, 42559), (Start: 128 @42520 has 1 MA's), (138, 42469), (142, 42451), (193, 42250), (199, 42226), (217, 42151), (234, 42082), (236, 42064), (256, 41920), (260, 41896),

Gene: Rebeuca_69 Start: 43393, Stop: 42566, Start Num: 57

Candidate Starts for Rebeuca_69:

(18, 43552), (Start: 57 @43393 has 17 MA's), (125, 43183), (132, 43168), (199, 42889), (219, 42811), (234, 42748), (246, 42688), (260, 42574),

Gene: RedRock_72 Start: 44719, Stop: 43811, Start Num: 77

Candidate Starts for RedRock_72:

(22, 44854), (Start: 77 @44719 has 159 MA's), (Start: 102 @44650 has 13 MA's), (Start: 105 @44620 has 1 MA's), (Start: 128 @44527 has 1 MA's), (169, 44308), (175, 44266), (187, 44194), (200, 44140), (201, 44137), (223, 44044), (226, 44032), (234, 44002),

Gene: Refuge_71 Start: 44923, Stop: 44108, Start Num: 81

Candidate Starts for Refuge_71:

(Start: 81 @44923 has 12 MA's), (Start: 102 @44854 has 13 MA's), (Start: 105 @44824 has 1 MA's), (116, 44761), (121, 44749), (126, 44737), (134, 44707), (157, 44551), (195, 44461), (201, 44434), (211, 44413), (223, 44341), (234, 44299), (256, 44137), (259, 44113),

Gene: Relief_67 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Relief_67:

(Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Remus_82 Start: 44678, Stop: 43827, Start Num: 77

Candidate Starts for Remus_82:

(Start: 77 @44678 has 159 MA's), (Start: 82 @44672 has 185 MA's), (Start: 99 @44630 has 6 MA's), (Start: 102 @44597 has 13 MA's), (Start: 105 @44567 has 1 MA's), (Start: 128 @44474 has 1 MA's), (223, 44063), (224, 44060), (234, 44021), (256, 43859),

Gene: ResDef_69 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for ResDef_69:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: RetrieverFever_62 Start: 33698, Stop: 32811, Start Num: 55

Candidate Starts for RetrieverFever_62:

(Start: 51 @33704 has 3 MA's), (Start: 55 @33698 has 8 MA's), (Start: 71 @33671 has 1 MA's), (Start: 93 @33638 has 14 MA's), (Start: 98 @33623 has 2 MA's), (136, 33413), (154, 33287), (184, 33188), (196, 33143), (213, 33068), (218, 33044), (219, 33041), (250, 32897),

Gene: Retro23_74 Start: 44390, Stop: 43572, Start Num: 77

Candidate Starts for Retro23_74:

(2, 44729), (6, 44702), (7, 44699), (10, 44690), (Start: 77 @44390 has 159 MA's), (Start: 102 @44318 has 13 MA's), (Start: 105 @44288 has 1 MA's), (Start: 128 @44195 has 1 MA's), (222, 43811), (223, 43805), (234, 43763), (238, 43733),

Gene: RexFury_55 Start: 39373, Stop: 38567, Start Num: 86

Candidate Starts for RexFury_55:

(Start: 86 @39373 has 72 MA's), (95, 39364), (101, 39328), (Start: 105 @39286 has 1 MA's), (107, 39262), (Start: 109 @39256 has 1 MA's), (125, 39202), (132, 39187), (150, 39076), (180, 38968), (214, 38851), (219, 38824), (230, 38779), (231, 38776), (234, 38761), (250, 38680), (257, 38605),

Gene: Rhodalysa_56 Start: 39345, Stop: 38536, Start Num: 86

Candidate Starts for Rhodalysa_56:

(Start: 86 @39345 has 72 MA's), (95, 39333), (107, 39231), (Start: 109 @39225 has 1 MA's), (125, 39171), (132, 39156), (150, 39045), (152, 39027), (214, 38820), (230, 38748), (231, 38745), (234, 38730), (250, 38649), (256, 38580), (257, 38574),

Gene: RhynO_67 Start: 42808, Stop: 41864, Start Num: 24

Candidate Starts for RhynO_67:

(16, 42862), (Start: 24 @42808 has 1 MA's), (29, 42763), (Start: 57 @42694 has 17 MA's), (125, 42481), (132, 42466), (199, 42187), (234, 42046), (246, 41986), (256, 41896), (260, 41872),

Gene: Rhynn_65 Start: 43283, Stop: 42480, Start Num: 84

Candidate Starts for Rhynn_65:

(48, 43340), (Start: 84 @43283 has 29 MA's), (103, 43202), (Start: 105 @43184 has 1 MA's), (Start: 112 @43133 has 1 MA's), (119, 43118), (154, 42932), (165, 42887), (199, 42797), (201, 42791), (208, 42776), (219, 42719), (222, 42704), (232, 42668), (234, 42659), (250, 42578), (256, 42512), (257, 42506), (260, 42488),

Gene: Rideau_67 Start: 34298, Stop: 33459, Start Num: 93

Candidate Starts for Rideau_67:

(Start: 93 @34298 has 14 MA's), (Start: 98 @34283 has 2 MA's), (113, 34160), (135, 34088), (138, 34067), (143, 34028), (157, 33926), (182, 33854), (184, 33848), (218, 33698), (231, 33647),

Gene: RidgeCB_69 Start: 43874, Stop: 43056, Start Num: 67

Candidate Starts for RidgeCB_69:

(Start: 57 @43892 has 17 MA's), (Start: 67 @43874 has 41 MA's), (Start: 77 @43862 has 159 MA's), (103, 43778), (Start: 105 @43760 has 1 MA's), (Start: 112 @43709 has 1 MA's), (119, 43694), (155, 43499), (165, 43463), (199, 43373), (201, 43367), (208, 43352), (211, 43346), (219, 43295), (222, 43280), (232, 43244), (234, 43235), (250, 43154), (256, 43088), (257, 43082), (260, 43064),

Gene: Rifter_76 Start: 42555, Stop: 41734, Start Num: 82

Candidate Starts for Rifter_76:

(17, 42768), (Start: 82 @42555 has 185 MA's), (Start: 102 @42492 has 13 MA's), (Start: 105 @42462 has 1 MA's), (126, 42375), (Start: 128 @42369 has 1 MA's), (134, 42345), (187, 42117), (219, 41988),

(223, 41967), (224, 41964), (226, 41955), (234, 41928), (256, 41766),

Gene: Ringer_72 Start: 45986, Stop: 45162, Start Num: 63

Candidate Starts for Ringer_72:

(Start: 63 @45986 has 40 MA's), (Start: 77 @45968 has 159 MA's), (103, 45884), (Start: 105 @45866 has 1 MA's), (Start: 112 @45815 has 1 MA's), (119, 45800), (154, 45614), (165, 45569), (199, 45479), (201, 45473), (208, 45458), (211, 45452), (219, 45401), (222, 45386), (232, 45350), (234, 45341), (250, 45260), (256, 45194), (257, 45188), (260, 45170),

Gene: Roary_84 Start: 45220, Stop: 44480, Start Num: 102

Candidate Starts for Roary_84:

(Start: 81 @45283 has 12 MA's), (Start: 102 @45220 has 13 MA's), (113, 45136), (124, 45109), (140, 45049), (154, 44950), (181, 44869), (188, 44851), (201, 44809), (207, 44791), (209, 44788), (223, 44716), (224, 44713), (234, 44674), (246, 44602), (250, 44581), (260, 44488),

Gene: Rockstar_70 Start: 43147, Stop: 42350, Start Num: 79

Candidate Starts for Rockstar_70:

(32, 43219), (Start: 79 @43147 has 38 MA's), (103, 43072), (199, 42676), (219, 42592), (234, 42532), (256, 42382), (260, 42358),

Gene: Rohr_70 Start: 45174, Stop: 44374, Start Num: 88

Candidate Starts for Rohr_70:

(Start: 88 @45174 has 25 MA's), (103, 45096), (Start: 105 @45078 has 1 MA's), (Start: 112 @45027 has 1 MA's), (119, 45012), (154, 44826), (165, 44781), (199, 44691), (201, 44685), (208, 44670), (211, 44664), (219, 44613), (222, 44598), (232, 44562), (234, 44553), (250, 44472), (256, 44406), (257, 44400), (260, 44382),

Gene: Roksolana_76 Start: 43289, Stop: 42468, Start Num: 82

Candidate Starts for Roksolana_76:

(17, 43502), (Start: 82 @43289 has 185 MA's), (Start: 102 @43226 has 13 MA's), (Start: 105 @43196 has 1 MA's), (126, 43109), (Start: 128 @43103 has 1 MA's), (134, 43079), (187, 42851), (219, 42722), (223, 42701), (224, 42698), (226, 42689), (234, 42662), (256, 42500),

Gene: Romero_66 Start: 34361, Stop: 33540, Start Num: 93

Candidate Starts for Romero_66:

(Start: 93 @34361 has 14 MA's), (Start: 98 @34346 has 2 MA's), (113, 34223), (129, 34178), (132, 34166), (135, 34151), (138, 34130), (153, 34019), (157, 33989), (184, 33911), (218, 33779), (228, 33737), (231, 33728), (240, 33680), (250, 33626),

Gene: Romney_67 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Romney_67:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Roosevelt_66 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Roosevelt_66:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Rosalind_80 Start: 44572, Stop: 43724, Start Num: 77

Candidate Starts for Rosalind_80:

(Start: 77 @44572 has 159 MA's), (Start: 82 @44566 has 185 MA's), (Start: 99 @44524 has 6 MA's), (Start: 102 @44491 has 13 MA's), (Start: 105 @44461 has 1 MA's), (Start: 128 @44368 has 1 MA's), (185, 44104), (200, 44056), (223, 43957), (224, 43954), (234, 43915),

Gene: RosePharie_65 Start: 33971, Stop: 33150, Start Num: 93

Candidate Starts for RosePharie_65:

(Start: 51 @34040 has 3 MA's), (Start: 93 @33971 has 14 MA's), (135, 33761), (136, 33746), (157, 33599), (182, 33527), (199, 33461), (215, 33404), (218, 33389), (231, 33338), (233, 33323), (249, 33239), (250, 33236),

Gene: Rubeus_68 Start: 41676, Stop: 40876, Start Num: 88

Candidate Starts for Rubeus_68:

(Start: 88 @41676 has 25 MA's), (103, 41598), (Start: 105 @41580 has 1 MA's), (Start: 112 @41529 has 1 MA's), (119, 41514), (154, 41328), (165, 41283), (199, 41193), (201, 41187), (208, 41172), (219, 41115), (222, 41100), (232, 41064), (234, 41055), (250, 40974), (256, 40908), (257, 40902), (260, 40884),

Gene: Rufus_71 Start: 44360, Stop: 43560, Start Num: 88

Candidate Starts for Rufus_71:

(Start: 88 @44360 has 25 MA's), (103, 44282), (Start: 105 @44264 has 1 MA's), (Start: 112 @44213 has 1 MA's), (119, 44198), (154, 44012), (165, 43967), (199, 43877), (201, 43871), (208, 43856), (219, 43799), (222, 43784), (232, 43748), (234, 43739), (250, 43658), (256, 43592), (257, 43586), (260, 43568),

Gene: Ruin_68 Start: 43151, Stop: 42360, Start Num: 82

Candidate Starts for Ruin_68:

(15, 43364), (Start: 82 @43151 has 185 MA's), (Start: 99 @43124 has 6 MA's), (125, 42977), (134, 42953), (164, 42776), (192, 42710), (199, 42683), (208, 42662), (219, 42605), (220, 42596), (234, 42542), (256, 42392),

Gene: Rummer_76 Start: 44050, Stop: 43262, Start Num: 99

Candidate Starts for Rummer_76:

(19, 44257), (Start: 91 @44077 has 77 MA's), (Start: 99 @44050 has 6 MA's), (Start: 128 @43894 has 1 MA's), (134, 43870), (138, 43843), (142, 43825), (193, 43624), (199, 43600), (208, 43576), (234, 43456), (236, 43438), (242, 43408), (256, 43294), (260, 43270),

Gene: Ruotula_75 Start: 46644, Stop: 45796, Start Num: 55

Candidate Starts for Ruotula_75:

(Start: 55 @46644 has 8 MA's), (59, 46635), (Start: 65 @46626 has 6 MA's), (Start: 77 @46614 has 159 MA's), (103, 46530), (Start: 105 @46512 has 1 MA's), (Start: 112 @46461 has 1 MA's), (131, 46419), (134, 46395), (137, 46371), (155, 46239), (165, 46203), (199, 46113), (201, 46107), (208, 46092), (211, 46086), (219, 46035), (222, 46020), (232, 45984), (234, 45975), (250, 45894), (256, 45828), (257, 45822), (260, 45804),

Gene: Rutherferd_70 Start: 45096, Stop: 44296, Start Num: 85

Candidate Starts for Rutherferd_70:

(23, 45258), (Start: 82 @45099 has 185 MA's), (Start: 85 @45096 has 8 MA's), (103, 45018), (Start: 105 @45000 has 1 MA's), (Start: 112 @44949 has 1 MA's), (119, 44934), (155, 44739), (165, 44703), (199, 44613), (201, 44607), (208, 44592), (219, 44535), (222, 44520), (232, 44484), (234, 44475), (250, 44394), (256, 44328), (257, 44322), (260, 44304),

Gene: STLscum_77 Start: 45890, Stop: 45060, Start Num: 64

Candidate Starts for STLscum_77:

(Start: 31 @45974 has 1 MA's), (Start: 64 @45890 has 3 MA's), (Start: 77 @45878 has 159 MA's), (Start: 102 @45803 has 13 MA's), (Start: 112 @45722 has 1 MA's), (119, 45707), (131, 45671), (134, 45647), (154, 45512), (187, 45416), (210, 45353), (219, 45299), (234, 45239), (250, 45158), (256, 45092), (257, 45086), (260, 45068),

Gene: Sabertooth_68 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Sabertooth_68:

(Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Sabia_75 Start: 44057, Stop: 43242, Start Num: 91

Candidate Starts for Sabia_75:

(19, 44237), (Start: 91 @44057 has 77 MA's), (Start: 99 @44030 has 6 MA's), (Start: 128 @43874 has 1 MA's), (134, 43850), (138, 43823), (142, 43805), (193, 43604), (199, 43580), (208, 43556), (234, 43436), (236, 43418), (242, 43388), (256, 43274), (260, 43250),

Gene: Sabinator_75 Start: 44048, Stop: 43233, Start Num: 91

Candidate Starts for Sabinator_75:

(19, 44228), (Start: 91 @44048 has 77 MA's), (Start: 99 @44021 has 6 MA's), (Start: 128 @43865 has 1 MA's), (134, 43841), (138, 43814), (142, 43796), (193, 43595), (199, 43571), (208, 43547), (234, 43427), (236, 43409), (242, 43379), (256, 43265), (260, 43241),

Gene: Sagefire_69 Start: 45096, Stop: 44272, Start Num: 63

Candidate Starts for Sagefire_69:

(47, 45129), (Start: 63 @45096 has 40 MA's), (Start: 77 @45078 has 159 MA's), (103, 44994), (Start: 105 @44976 has 1 MA's), (Start: 112 @44925 has 1 MA's), (119, 44910), (154, 44724), (165, 44679), (199, 44589), (201, 44583), (208, 44568), (211, 44562), (219, 44511), (222, 44496), (232, 44460), (234, 44451), (250, 44370), (256, 44304), (257, 44298), (260, 44280),

Gene: Saintus_78 Start: 41931, Stop: 41128, Start Num: 81

Candidate Starts for Saintus_78:

(Start: 81 @41931 has 12 MA's), (Start: 102 @41868 has 13 MA's), (113, 41784), (124, 41757), (140, 41697), (154, 41598), (188, 41499), (201, 41457), (207, 41439), (209, 41436), (223, 41364), (224, 41361), (234, 41322), (246, 41250), (250, 41229), (260, 41136),

Gene: Salz_71 Start: 42721, Stop: 41906, Start Num: 77

Candidate Starts for Salz_71:

(Start: 77 @42721 has 159 MA's), (106, 42616), (Start: 112 @42571 has 1 MA's), (Start: 128 @42529 has 1 MA's), (133, 42511), (138, 42478), (150, 42403), (201, 42232), (219, 42160), (223, 42139), (234, 42100), (256, 41938),

Gene: Sandaddy_66 Start: 43660, Stop: 42857, Start Num: 84

Candidate Starts for Sandaddy_66:

(48, 43717), (Start: 84 @43660 has 29 MA's), (103, 43579), (Start: 105 @43561 has 1 MA's), (Start: 112 @43510 has 1 MA's), (119, 43495), (154, 43309), (199, 43174), (201, 43168), (208, 43153), (211, 43147), (219, 43096), (222, 43081), (232, 43045), (234, 43036), (250, 42955), (256, 42889), (257, 42883), (260, 42865),

Gene: SarFire_69 Start: 43965, Stop: 43231, Start Num: 102

Candidate Starts for SarFire_69:

(50, 44079), (52, 44076), (54, 44073), (Start: 102 @43965 has 13 MA's), (Start: 112 @43884 has 1 MA's), (119, 43869), (154, 43683), (199, 43548), (201, 43542), (208, 43527), (211, 43521), (219,

43470), (222, 43455), (232, 43419), (234, 43410), (250, 43329), (256, 43263), (257, 43257), (260, 43239),

Gene: SaturnRing_71 Start: 43681, Stop: 42887, Start Num: 79

Candidate Starts for SaturnRing_71:

(Start: 79 @43681 has 38 MA's), (130, 43501), (194, 43237), (222, 43114), (234, 43069), (256, 42919), (260, 42895),

Gene: Scamp_68 Start: 43160, Stop: 42369, Start Num: 82

Candidate Starts for Scamp_68:

(15, 43373), (Start: 82 @43160 has 185 MA's), (Start: 99 @43133 has 6 MA's), (125, 42986), (134, 42962), (164, 42785), (192, 42719), (199, 42692), (208, 42671), (219, 42614), (220, 42605), (234, 42551), (256, 42401),

Gene: Scherzo_74 Start: 43960, Stop: 43118, Start Num: 77

Candidate Starts for Scherzo_74:

(68, 43969), (Start: 77 @43960 has 159 MA's), (Start: 102 @43891 has 13 MA's), (Start: 105 @43861 has 1 MA's), (116, 43798), (159, 43582), (199, 43450), (200, 43447), (201, 43444), (221, 43357), (234, 43309), (246, 43237), (256, 43147),

Gene: Scorpio_71 Start: 43383, Stop: 42568, Start Num: 86

Candidate Starts for Scorpio_71:

(38, 43470), (Start: 86 @43383 has 72 MA's), (Start: 105 @43293 has 1 MA's), (117, 43230), (123, 43212), (125, 43209), (140, 43149), (144, 43128), (153, 43059), (155, 43041), (195, 42936), (202, 42906), (211, 42861), (219, 42810), (220, 42801), (224, 42786), (229, 42771), (242, 42714), (246, 42690), (247, 42681), (256, 42600), (260, 42576),

Gene: Scout_70 Start: 42851, Stop: 42057, Start Num: 79

Candidate Starts for Scout_70:

(Start: 79 @42851 has 38 MA's), (199, 42383), (219, 42299), (234, 42239), (256, 42089), (260, 42065),

Gene: Scowl_69 Start: 43515, Stop: 42712, Start Num: 84

Candidate Starts for Scowl_69:

(48, 43572), (Start: 84 @43515 has 29 MA's), (103, 43434), (Start: 105 @43416 has 1 MA's), (Start: 112 @43365 has 1 MA's), (119, 43350), (154, 43164), (165, 43119), (199, 43029), (201, 43023), (208, 43008), (219, 42951), (222, 42936), (232, 42900), (234, 42891), (250, 42810), (256, 42744), (257, 42738), (260, 42720),

Gene: Seabiscuit_70 Start: 43283, Stop: 42483, Start Num: 88

Candidate Starts for Seabiscuit_70:

(70, 43301), (Start: 88 @43283 has 25 MA's), (103, 43205), (Start: 105 @43187 has 1 MA's), (Start: 112 @43136 has 1 MA's), (119, 43121), (154, 42935), (165, 42890), (199, 42800), (201, 42794), (208, 42779), (211, 42773), (219, 42722), (222, 42707), (232, 42671), (234, 42662), (250, 42581), (256, 42515), (257, 42509), (260, 42491),

Gene: Seanderson_71 Start: 46584, Stop: 45778, Start Num: 77

Candidate Starts for Seanderson_71:

(Start: 55 @46614 has 8 MA's), (59, 46605), (Start: 65 @46596 has 6 MA's), (Start: 77 @46584 has 159 MA's), (103, 46500), (Start: 105 @46482 has 1 MA's), (Start: 112 @46431 has 1 MA's), (119, 46416), (155, 46221), (165, 46185), (199, 46095), (201, 46089), (208, 46074), (211, 46068), (219, 46017), (222, 46002), (232, 45966), (234, 45957), (250, 45876), (256, 45810), (257, 45804), (260, 45786),

Gene: SemperFi_74 Start: 44548, Stop: 43730, Start Num: 77

Candidate Starts for SemperFi_74:

(Start: 77 @44548 has 159 MA's), (Start: 102 @44476 has 13 MA's), (Start: 105 @44446 has 1 MA's), (Start: 128 @44353 has 1 MA's), (199, 44062), (222, 43969), (223, 43963), (234, 43921), (238, 43891), (254, 43792), (256, 43759),

Gene: Serenity_77 Start: 43976, Stop: 43110, Start Num: 77

Candidate Starts for Serenity_77:

(Start: 77 @43976 has 159 MA's), (107, 43853), (Start: 128 @43784 has 1 MA's), (201, 43436), (219, 43364), (223, 43343), (226, 43331), (234, 43301), (256, 43139),

Gene: Severus_66 Start: 42089, Stop: 41247, Start Num: 57

Candidate Starts for Severus_66:

(18, 42248), (Start: 57 @42089 has 17 MA's), (Start: 63 @42077 has 40 MA's), (Start: 99 @42026 has 6 MA's), (125, 41879), (132, 41864), (200, 41582), (222, 41477), (224, 41468), (234, 41429), (246, 41369), (256, 41279), (260, 41255),

Gene: Shaka_66 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Shaka_66:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Sham4_72 Start: 42805, Stop: 41990, Start Num: 77

Candidate Starts for Sham4_72:

(Start: 77 @42805 has 159 MA's), (106, 42700), (Start: 112 @42655 has 1 MA's), (Start: 128 @42613 has 1 MA's), (133, 42595), (138, 42562), (140, 42553), (150, 42487), (201, 42316), (219, 42244), (223, 42223), (234, 42184), (256, 42022),

Gene: ShayRa_82 Start: 44601, Stop: 43753, Start Num: 77

Candidate Starts for ShayRa_82:

(Start: 77 @44601 has 159 MA's), (Start: 82 @44595 has 185 MA's), (Start: 99 @44553 has 6 MA's), (Start: 102 @44520 has 13 MA's), (Start: 105 @44490 has 1 MA's), (Start: 128 @44397 has 1 MA's), (223, 43986), (224, 43983), (234, 43944),

Gene: SheaKeira_69 Start: 42786, Stop: 41878, Start Num: 77

Candidate Starts for SheaKeira_69:

(6, 43095), (25, 42912), (Start: 77 @42786 has 159 MA's), (Start: 82 @42780 has 185 MA's), (Start: 99 @42750 has 6 MA's), (100, 42741), (Start: 102 @42717 has 13 MA's), (Start: 105 @42687 has 1 MA's), (107, 42663), (116, 42624), (140, 42534), (159, 42408), (170, 42372), (181, 42276), (200, 42207), (201, 42204), (221, 42117), (223, 42108), (237, 42042), (245, 42006), (256, 41907),

Gene: Sheen_72 Start: 47073, Stop: 46276, Start Num: 73

Candidate Starts for Sheen_72:

(Start: 73 @47073 has 3 MA's), (Start: 99 @47037 has 6 MA's), (125, 46890), (135, 46860), (153, 46740), (219, 46518), (224, 46497), (225, 46494), (227, 46485), (234, 46458), (243, 46416), (246, 46398), (256, 46308),

Gene: SheldonCooper_68 Start: 43598, Stop: 42807, Start Num: 82

Candidate Starts for SheldonCooper_68:

(28, 43673), (Start: 82 @43598 has 185 MA's), (Start: 99 @43571 has 6 MA's), (125, 43424), (134, 43400), (164, 43223), (192, 43157), (199, 43130), (208, 43109), (219, 43052), (220, 43043), (234,

42989), (256, 42839),

Gene: ShortQueendom_61 Start: 41404, Stop: 40601, Start Num: 84

Candidate Starts for ShortQueendom_61:

(48, 41461), (Start: 84 @41404 has 29 MA's), (103, 41323), (Start: 105 @41305 has 1 MA's), (Start: 112 @41254 has 1 MA's), (119, 41239), (154, 41053), (199, 40918), (201, 40912), (211, 40891), (219, 40840), (222, 40825), (232, 40789), (234, 40780), (250, 40699), (256, 40633), (257, 40627), (260, 40609),

Gene: Shuman_57 Start: 39296, Stop: 38490, Start Num: 86

Candidate Starts for Shuman_57:

(Start: 86 @39296 has 72 MA's), (95, 39287), (101, 39251), (Start: 105 @39209 has 1 MA's), (107, 39185), (Start: 109 @39179 has 1 MA's), (125, 39125), (132, 39110), (150, 38999), (180, 38891), (214, 38774), (219, 38747), (230, 38702), (231, 38699), (234, 38684), (250, 38603), (257, 38528),

Gene: Shygu2_67 Start: 43485, Stop: 42694, Start Num: 82

Candidate Starts for Shygu2_67:

(Start: 82 @43485 has 185 MA's), (Start: 99 @43458 has 6 MA's), (125, 43311), (134, 43287), (194, 43041), (199, 43017), (219, 42939), (234, 42876), (256, 42726),

Gene: Sibs6_71 Start: 42577, Stop: 41759, Start Num: 67

Candidate Starts for Sibs6_71:

(Start: 57 @42595 has 17 MA's), (Start: 67 @42577 has 41 MA's), (Start: 77 @42565 has 159 MA's), (103, 42481), (Start: 105 @42463 has 1 MA's), (Start: 112 @42412 has 1 MA's), (119, 42397), (154, 42211), (165, 42166), (199, 42076), (201, 42070), (208, 42055), (211, 42049), (219, 41998), (222, 41983), (232, 41947), (234, 41938), (250, 41857), (256, 41791), (257, 41785), (260, 41767),

Gene: SkiPole_76 Start: 45136, Stop: 44333, Start Num: 79

Candidate Starts for SkiPole_76:

(Start: 79 @45136 has 38 MA's), (103, 45055), (Start: 105 @45037 has 1 MA's), (Start: 112 @44986 has 1 MA's), (119, 44971), (154, 44785), (165, 44740), (199, 44650), (201, 44644), (208, 44629), (211, 44623), (219, 44572), (222, 44557), (232, 44521), (234, 44512), (250, 44431), (252, 44419), (256, 44365), (257, 44359), (260, 44341),

Gene: Skipitt_67 Start: 43152, Stop: 42361, Start Num: 82

Candidate Starts for Skipitt_67:

(15, 43365), (Start: 82 @43152 has 185 MA's), (Start: 99 @43125 has 6 MA's), (125, 42978), (164, 42777), (192, 42711), (199, 42684), (208, 42663), (219, 42606), (220, 42597), (234, 42543), (256, 42393),

Gene: Slagathor_72 Start: 46101, Stop: 45283, Start Num: 67

Candidate Starts for Slagathor_72:

(Start: 57 @46119 has 17 MA's), (Start: 67 @46101 has 41 MA's), (Start: 77 @46089 has 159 MA's), (103, 46005), (Start: 105 @45987 has 1 MA's), (110, 45945), (Start: 112 @45936 has 1 MA's), (119, 45921), (154, 45735), (165, 45690), (199, 45600), (201, 45594), (208, 45579), (211, 45573), (219, 45522), (222, 45507), (232, 45471), (234, 45462), (250, 45381), (256, 45315), (257, 45309), (260, 45291),

Gene: Smairt_70 Start: 46125, Stop: 45325, Start Num: 85

Candidate Starts for Smairt_70:

(23, 46287), (Start: 82 @46128 has 185 MA's), (Start: 85 @46125 has 8 MA's), (103, 46047), (Start: 105 @46029 has 1 MA's), (Start: 112 @45978 has 1 MA's), (119, 45963), (154, 45777), (165, 45732), (199, 45642), (201, 45636), (208, 45621), (211, 45615), (219, 45564), (222, 45549), (232, 45513),

(234, 45504), (250, 45423), (256, 45357), (257, 45351), (260, 45333),

Gene: Smeadley_82 Start: 45147, Stop: 44344, Start Num: 81

Candidate Starts for Smeadley_82:

(Start: 81 @45147 has 12 MA's), (Start: 102 @45084 has 13 MA's), (113, 45000), (124, 44973), (140, 44913), (154, 44814), (181, 44733), (188, 44715), (201, 44673), (207, 44655), (209, 44652), (223, 44580), (224, 44577), (234, 44538), (246, 44466), (250, 44445), (260, 44352),

Gene: Smeagan_76 Start: 44940, Stop: 44041, Start Num: 77

Candidate Starts for Smeagan_76:

(Start: 77 @44940 has 159 MA's), (Start: 90 @44928 has 1 MA's), (Start: 102 @44871 has 13 MA's), (Start: 105 @44841 has 1 MA's), (Start: 128 @44748 has 1 MA's), (140, 44688), (167, 44541), (170, 44526), (173, 44493), (176, 44484), (199, 44373), (223, 44274), (234, 44232), (256, 44070),

Gene: Smeagol_70 Start: 45369, Stop: 44566, Start Num: 84

Candidate Starts for Smeagol_70:

(48, 45426), (Start: 84 @45369 has 29 MA's), (103, 45288), (Start: 105 @45270 has 1 MA's), (Start: 112 @45219 has 1 MA's), (119, 45204), (154, 45018), (165, 44973), (199, 44883), (201, 44877), (208, 44862), (211, 44856), (219, 44805), (232, 44754), (234, 44745), (250, 44664), (256, 44598), (257, 44592), (260, 44574),

Gene: SmellyB_76 Start: 43230, Stop: 42403, Start Num: 82

Candidate Starts for SmellyB_76:

(Start: 82 @43230 has 185 MA's), (97, 43200), (Start: 102 @43158 has 13 MA's), (Start: 105 @43128 has 1 MA's), (Start: 112 @43077 has 1 MA's), (126, 43041), (134, 43011), (140, 42975), (152, 42891), (187, 42783), (200, 42729), (201, 42726), (219, 42654), (223, 42633), (224, 42630), (234, 42594), (256, 42432),

Gene: SnapTap_73 Start: 44359, Stop: 43541, Start Num: 77

Candidate Starts for SnapTap_73:

(Start: 77 @44359 has 159 MA's), (Start: 102 @44287 has 13 MA's), (Start: 105 @44257 has 1 MA's), (Start: 128 @44164 has 1 MA's), (140, 44104), (199, 43873), (222, 43780), (223, 43774), (234, 43732), (238, 43702), (254, 43603), (256, 43570),

Gene: Snape_76 Start: 43914, Stop: 43099, Start Num: 77

Candidate Starts for Snape_76:

(Start: 77 @43914 has 159 MA's), (106, 43809), (Start: 112 @43764 has 1 MA's), (Start: 128 @43722 has 1 MA's), (133, 43704), (138, 43671), (150, 43596), (201, 43425), (219, 43353), (223, 43332), (234, 43293), (256, 43131),

Gene: Snazzy_67 Start: 43257, Stop: 42523, Start Num: 102

Candidate Starts for Snazzy_67:

(50, 43371), (52, 43368), (54, 43365), (Start: 102 @43257 has 13 MA's), (Start: 112 @43176 has 1 MA's), (119, 43161), (154, 42975), (199, 42840), (201, 42834), (211, 42813), (219, 42762), (222, 42747), (232, 42711), (234, 42702), (250, 42621), (256, 42555), (257, 42549), (260, 42531),

Gene: Snickers_73 Start: 43995, Stop: 43207, Start Num: 99

Candidate Starts for Snickers_73:

(19, 44202), (Start: 91 @44022 has 77 MA's), (Start: 99 @43995 has 6 MA's), (Start: 128 @43839 has 1 MA's), (134, 43815), (138, 43788), (142, 43770), (193, 43569), (199, 43545), (208, 43521), (234, 43401), (236, 43383), (242, 43353), (256, 43239), (260, 43215),

Gene: SoYo_74 Start: 43961, Stop: 43146, Start Num: 91

Candidate Starts for SoYo_74:

(19, 44141), (Start: 91 @43961 has 77 MA's), (Start: 99 @43934 has 6 MA's), (Start: 128 @43778 has 1 MA's), (134, 43754), (138, 43727), (142, 43709), (193, 43508), (199, 43484), (208, 43460), (234, 43340), (236, 43322), (242, 43292), (256, 43178), (260, 43154),

Gene: SoilDragon_76 Start: 43496, Stop: 42681, Start Num: 91

Candidate Starts for SoilDragon_76:

(19, 43676), (Start: 91 @43496 has 77 MA's), (Start: 99 @43469 has 6 MA's), (113, 43352), (Start: 128 @43313 has 1 MA's), (134, 43289), (138, 43262), (142, 43244), (193, 43043), (199, 43019), (208, 42995), (234, 42875), (236, 42857), (242, 42827), (256, 42713), (260, 42689),

Gene: Solon_68 Start: 43540, Stop: 42716, Start Num: 63

Candidate Starts for Solon_68:

(47, 43573), (Start: 63 @43540 has 40 MA's), (Start: 77 @43522 has 159 MA's), (103, 43438), (Start: 105 @43420 has 1 MA's), (Start: 112 @43369 has 1 MA's), (119, 43354), (154, 43168), (165, 43123), (199, 43033), (201, 43027), (208, 43012), (211, 43006), (219, 42955), (222, 42940), (232, 42904), (234, 42895), (250, 42814), (256, 42748), (257, 42742), (260, 42724),

Gene: SororFago_75 Start: 44880, Stop: 44074, Start Num: 77

Candidate Starts for SororFago_75:

(20, 45051), (41, 44949), (Start: 77 @44880 has 159 MA's), (Start: 99 @44850 has 6 MA's), (Start: 102 @44817 has 13 MA's), (Start: 105 @44787 has 1 MA's), (Start: 128 @44694 has 1 MA's), (167, 44487), (188, 44439), (195, 44424), (226, 44292), (228, 44286), (234, 44265), (237, 44238),

Gene: Sorpresa_65 Start: 43662, Stop: 42859, Start Num: 84

Candidate Starts for Sorpresa_65:

(48, 43719), (Start: 84 @43662 has 29 MA's), (103, 43581), (Start: 105 @43563 has 1 MA's), (Start: 112 @43512 has 1 MA's), (119, 43497), (154, 43311), (199, 43176), (201, 43170), (208, 43155), (211, 43149), (219, 43098), (222, 43083), (232, 43047), (234, 43038), (250, 42957), (256, 42891), (257, 42885), (260, 42867),

Gene: Soshari_79 Start: 44073, Stop: 43258, Start Num: 91

Candidate Starts for Soshari_79:

(19, 44253), (Start: 91 @44073 has 77 MA's), (Start: 99 @44046 has 6 MA's), (Start: 128 @43890 has 1 MA's), (134, 43866), (138, 43839), (142, 43821), (193, 43620), (199, 43596), (208, 43572), (234, 43452), (236, 43434), (242, 43404), (256, 43290), (260, 43266),

Gene: Soups_81 Start: 44467, Stop: 43616, Start Num: 77

Candidate Starts for Soups_81:

(Start: 77 @44467 has 159 MA's), (Start: 82 @44461 has 185 MA's), (Start: 99 @44419 has 6 MA's), (Start: 102 @44386 has 13 MA's), (Start: 105 @44356 has 1 MA's), (Start: 128 @44263 has 1 MA's), (185, 43999), (200, 43951), (223, 43852), (224, 43849), (234, 43810), (256, 43648),

Gene: Sparxx_69 Start: 43153, Stop: 42362, Start Num: 82

Candidate Starts for Sparxx_69:

(Start: 82 @43153 has 185 MA's), (Start: 99 @43126 has 6 MA's), (125, 42979), (134, 42955), (164, 42778), (192, 42712), (199, 42685), (208, 42664), (219, 42607), (220, 42598), (234, 42544), (256, 42394),

Gene: Spike509_77 Start: 44074, Stop: 43259, Start Num: 91

Candidate Starts for Spike509_77:

(19, 44254), (Start: 91 @44074 has 77 MA's), (Start: 99 @44047 has 6 MA's), (Start: 128 @43891 has 1 MA's), (134, 43867), (138, 43840), (142, 43822), (193, 43621), (199, 43597), (208, 43573), (234,

43453), (236, 43435), (242, 43405), (256, 43291), (260, 43267),

Gene: SpikeBT_68 Start: 44197, Stop: 43379, Start Num: 67

Candidate Starts for SpikeBT_68:

(Start: 57 @44215 has 17 MA's), (Start: 67 @44197 has 41 MA's), (Start: 77 @44185 has 159 MA's), (103, 44101), (Start: 105 @44083 has 1 MA's), (Start: 112 @44032 has 1 MA's), (119, 44017), (154, 43831), (165, 43786), (199, 43696), (201, 43690), (208, 43675), (211, 43669), (219, 43618), (222, 43603), (232, 43567), (234, 43558), (250, 43477), (256, 43411), (257, 43405), (260, 43387),

Gene: Spino_67 Start: 43161, Stop: 42370, Start Num: 82

Candidate Starts for Spino_67:

(15, 43374), (Start: 82 @43161 has 185 MA's), (Start: 99 @43134 has 6 MA's), (125, 42987), (134, 42963), (164, 42786), (192, 42720), (199, 42693), (208, 42672), (219, 42615), (220, 42606), (234, 42552), (256, 42402),

Gene: Spouty_70 Start: 43467, Stop: 42625, Start Num: 77

Candidate Starts for Spouty_70:

(Start: 77 @43467 has 159 MA's), (Start: 82 @43461 has 185 MA's), (Start: 102 @43398 has 13 MA's), (Start: 105 @43368 has 1 MA's), (116, 43305), (159, 43089), (199, 42957), (200, 42954), (201, 42951), (221, 42864), (234, 42816), (256, 42654),

Gene: Squee_72 Start: 44295, Stop: 43561, Start Num: 102

Candidate Starts for Squee_72:

(50, 44409), (52, 44406), (54, 44403), (Start: 102 @44295 has 13 MA's), (Start: 112 @44214 has 1 MA's), (119, 44199), (154, 44013), (165, 43968), (199, 43878), (201, 43872), (219, 43800), (222, 43785), (232, 43749), (234, 43740), (250, 43659), (256, 43593), (257, 43587), (260, 43569),

Gene: StCroix_55 Start: 39367, Stop: 38558, Start Num: 86

Candidate Starts for StCroix_55:

(Start: 86 @39367 has 72 MA's), (95, 39355), (107, 39253), (Start: 109 @39247 has 1 MA's), (125, 39193), (132, 39178), (150, 39067), (152, 39049), (214, 38842), (230, 38770), (231, 38767), (234, 38752), (250, 38671), (256, 38602), (257, 38596),

Gene: Stagni_74 Start: 44025, Stop: 43237, Start Num: 99

Candidate Starts for Stagni_74:

(19, 44232), (Start: 91 @44052 has 77 MA's), (Start: 99 @44025 has 6 MA's), (Start: 128 @43869 has 1 MA's), (134, 43845), (138, 43818), (142, 43800), (193, 43599), (199, 43575), (208, 43551), (234, 43431), (236, 43413), (242, 43383), (256, 43269), (260, 43245),

Gene: StarStuff_76 Start: 44863, Stop: 44054, Start Num: 87

Candidate Starts for StarStuff_76:

(Start: 87 @44863 has 13 MA's), (Start: 99 @44833 has 6 MA's), (Start: 102 @44800 has 13 MA's), (Start: 105 @44770 has 1 MA's), (126, 44683), (134, 44653), (167, 44470), (201, 44380), (219, 44308), (223, 44287), (234, 44245), (235, 44242), (253, 44128), (254, 44116), (256, 44083),

Gene: Stasia_67 Start: 43367, Stop: 42576, Start Num: 82

Candidate Starts for Stasia_67:

(18, 43532), (Start: 82 @43367 has 185 MA's), (125, 43193), (134, 43169), (164, 42992), (192, 42926), (199, 42899), (219, 42821), (220, 42812), (234, 42758), (256, 42608),

Gene: Steamy_68 Start: 43229, Stop: 42336, Start Num: 74

Candidate Starts for Steamy_68:

(12, 43496), (25, 43343), (35, 43295), (Start: 74 @43229 has 1 MA's), (Start: 99 @43196 has 6 MA's), (Start: 102 @43163 has 13 MA's), (Start: 105 @43133 has 1 MA's), (Start: 128 @43040 has 1 MA's), (140, 42980), (201, 42662), (234, 42527), (259, 42341),

Gene: Stella_67 Start: 34766, Stop: 33927, Start Num: 93

Candidate Starts for Stella_67:

(Start: 93 @34766 has 14 MA's), (Start: 98 @34751 has 2 MA's), (113, 34628), (135, 34556), (136, 34541), (147, 34475), (154, 34415), (157, 34394), (184, 34316), (218, 34166), (228, 34124), (231, 34115),

Gene: StepMih_76 Start: 44043, Stop: 43228, Start Num: 91

Candidate Starts for StepMih_76:

(19, 44223), (Start: 91 @44043 has 77 MA's), (Start: 99 @44016 has 6 MA's), (Start: 128 @43860 has 1 MA's), (134, 43836), (138, 43809), (142, 43791), (193, 43590), (199, 43566), (208, 43542), (234, 43422), (236, 43404), (242, 43374), (256, 43260), (260, 43236),

Gene: Stephig9_81 Start: 45086, Stop: 44283, Start Num: 81

Candidate Starts for Stephig9_81:

(Start: 81 @45086 has 12 MA's), (Start: 102 @45023 has 13 MA's), (113, 44939), (124, 44912), (140, 44852), (154, 44753), (188, 44654), (201, 44612), (207, 44594), (209, 44591), (223, 44519), (224, 44516), (234, 44477), (246, 44405), (250, 44384), (260, 44291),

Gene: StewieG_63 Start: 40420, Stop: 39617, Start Num: 84

Candidate Starts for StewieG_63:

(48, 40477), (Start: 84 @40420 has 29 MA's), (103, 40339), (Start: 105 @40321 has 1 MA's), (Start: 112 @40270 has 1 MA's), (119, 40255), (154, 40069), (165, 40024), (199, 39934), (201, 39928), (208, 39913), (211, 39907), (219, 39856), (222, 39841), (232, 39805), (234, 39796), (250, 39715), (256, 39649), (257, 39643), (260, 39625),

Gene: Stink_67 Start: 43259, Stop: 42468, Start Num: 82

Candidate Starts for Stink_67:

(Start: 82 @43259 has 185 MA's), (Start: 99 @43232 has 6 MA's), (125, 43085), (194, 42815), (199, 42791), (219, 42713), (220, 42704), (234, 42650), (256, 42500),

Gene: StrongArm_67 Start: 44791, Stop: 43973, Start Num: 67

Candidate Starts for StrongArm_67:

(61, 44800), (Start: 67 @44791 has 41 MA's), (Start: 77 @44779 has 159 MA's), (103, 44695), (Start: 105 @44677 has 1 MA's), (Start: 112 @44626 has 1 MA's), (119, 44611), (154, 44425), (165, 44380), (199, 44290), (201, 44284), (208, 44269), (211, 44263), (219, 44212), (222, 44197), (232, 44161), (234, 44152), (250, 44071), (256, 44005), (257, 43999), (260, 43981),

Gene: Strosahl_82 Start: 44678, Stop: 43827, Start Num: 77

Candidate Starts for Strosahl_82:

(Start: 77 @44678 has 159 MA's), (Start: 82 @44672 has 185 MA's), (Start: 99 @44630 has 6 MA's), (Start: 102 @44597 has 13 MA's), (Start: 105 @44567 has 1 MA's), (Start: 128 @44474 has 1 MA's), (223, 44063), (224, 44060), (234, 44021), (256, 43859),

Gene: Success_36 Start: 22194, Stop: 21400, Start Num: 77

Candidate Starts for Success_36:

(30, 22299), (Start: 77 @22194 has 159 MA's), (92, 22176), (96, 22164), (Start: 105 @22089 has 1 MA's), (145, 21912), (153, 21858), (156, 21837), (183, 21765), (197, 21726), (211, 21687), (226, 21606), (234, 21579), (248, 21504), (250, 21498), (252, 21486),

Gene: Sumter_65 Start: 44026, Stop: 43223, Start Num: 84

Candidate Starts for Sumter_65:

(48, 44083), (Start: 84 @44026 has 29 MA's), (103, 43945), (Start: 105 @43927 has 1 MA's), (Start: 112 @43876 has 1 MA's), (119, 43861), (155, 43666), (165, 43630), (199, 43540), (201, 43534), (208, 43519), (219, 43462), (222, 43447), (232, 43411), (234, 43402), (250, 43321), (256, 43255), (257, 43249), (260, 43231),

Gene: Sunshine924_73 Start: 44425, Stop: 43601, Start Num: 63

Candidate Starts for Sunshine924_73:

(Start: 63 @44425 has 40 MA's), (Start: 77 @44407 has 159 MA's), (103, 44323), (Start: 105 @44305 has 1 MA's), (Start: 112 @44254 has 1 MA's), (119, 44239), (154, 44053), (165, 44008), (199, 43918), (201, 43912), (208, 43897), (211, 43891), (219, 43840), (222, 43825), (232, 43789), (234, 43780), (250, 43699), (256, 43633), (257, 43627), (260, 43609),

Gene: SuperAwesome_76 Start: 43908, Stop: 43081, Start Num: 82

Candidate Starts for SuperAwesome_76:

(Start: 82 @43908 has 185 MA's), (97, 43878), (Start: 102 @43836 has 13 MA's), (Start: 105 @43806 has 1 MA's), (Start: 112 @43755 has 1 MA's), (126, 43719), (134, 43689), (140, 43653), (152, 43569), (187, 43461), (200, 43407), (201, 43404), (219, 43332), (223, 43311), (224, 43308), (234, 43272), (256, 43110),

Gene: SuperCallie99_73 Start: 43752, Stop: 42925, Start Num: 82

Candidate Starts for SuperCallie99_73:

(Start: 82 @43752 has 185 MA's), (97, 43722), (Start: 102 @43680 has 13 MA's), (Start: 105 @43650 has 1 MA's), (Start: 112 @43599 has 1 MA's), (126, 43563), (134, 43533), (140, 43497), (152, 43413), (187, 43305), (200, 43251), (201, 43248), (219, 43176), (223, 43155), (224, 43152), (234, 43116), (256, 42954),

Gene: Superchunk_76 Start: 44020, Stop: 43061, Start Num: 77

Candidate Starts for Superchunk_76:

(Start: 77 @44020 has 159 MA's), (95, 43999), (Start: 99 @43984 has 6 MA's), (100, 43975), (Start: 102 @43951 has 13 MA's), (Start: 105 @43921 has 1 MA's), (114, 43861), (Start: 128 @43828 has 1 MA's), (167, 43621), (187, 43498), (189, 43489), (199, 43393), (201, 43387), (223, 43294), (234, 43252), (256, 43090),

Gene: Swann_56 Start: 39343, Stop: 38534, Start Num: 86

Candidate Starts for Swann_56:

(Start: 86 @39343 has 72 MA's), (95, 39331), (107, 39229), (Start: 109 @39223 has 1 MA's), (125, 39169), (132, 39154), (150, 39043), (152, 39025), (214, 38818), (230, 38746), (231, 38743), (234, 38728), (250, 38647), (256, 38578), (257, 38572),

Gene: SweetiePie_73 Start: 44491, Stop: 43673, Start Num: 77

Candidate Starts for SweetiePie_73:

(Start: 77 @44491 has 159 MA's), (Start: 102 @44419 has 13 MA's), (Start: 105 @44389 has 1 MA's), (Start: 128 @44296 has 1 MA's), (140, 44236), (199, 44005), (222, 43912), (223, 43906), (234, 43864), (238, 43834), (254, 43735), (256, 43702),

Gene: SwirlSquare_80 Start: 43809, Stop: 42898, Start Num: 77

Candidate Starts for SwirlSquare_80:

(Start: 77 @43809 has 159 MA's), (95, 43788), (Start: 99 @43773 has 6 MA's), (Start: 102 @43740 has 13 MA's), (Start: 105 @43710 has 1 MA's), (174, 43356), (175, 43344), (200, 43227), (201, 43224), (222, 43137), (223, 43131), (234, 43089), (254, 42960), (256, 42927),

Gene: Swirley_67 Start: 42771, Stop: 41959, Start Num: 86

Candidate Starts for Swirley_67:

(Start: 86 @42771 has 72 MA's), (117, 42618), (125, 42597), (140, 42537), (144, 42516), (202, 42294), (219, 42201), (224, 42177), (230, 42159), (242, 42105), (246, 42081), (247, 42072), (260, 41967),

Gene: SwissCheese_72 Start: 44242, Stop: 43442, Start Num: 88

Candidate Starts for SwissCheese_72:

(70, 44260), (Start: 88 @44242 has 25 MA's), (Start: 105 @44146 has 1 MA's), (Start: 112 @44095 has 1 MA's), (119, 44080), (154, 43894), (165, 43849), (199, 43759), (201, 43753), (208, 43738), (219, 43681), (222, 43666), (232, 43630), (234, 43621), (250, 43540), (256, 43474), (257, 43468), (260, 43450),

Gene: Switzer_69 Start: 45249, Stop: 44431, Start Num: 67

Candidate Starts for Switzer_69:

(61, 45258), (Start: 67 @45249 has 41 MA's), (Start: 77 @45237 has 159 MA's), (103, 45153), (Start: 105 @45135 has 1 MA's), (Start: 112 @45084 has 1 MA's), (119, 45069), (154, 44883), (165, 44838), (199, 44748), (201, 44742), (208, 44727), (211, 44721), (219, 44670), (222, 44655), (224, 44646), (232, 44619), (234, 44610), (250, 44529), (256, 44463), (257, 44457), (260, 44439),

Gene: Switzerland_81 Start: 44740, Stop: 43892, Start Num: 77

Candidate Starts for Switzerland_81:

(Start: 77 @44740 has 159 MA's), (Start: 82 @44734 has 185 MA's), (Start: 99 @44692 has 6 MA's), (Start: 102 @44659 has 13 MA's), (Start: 105 @44629 has 1 MA's), (Start: 128 @44536 has 1 MA's), (223, 44125), (224, 44122), (234, 44083),

Gene: Swole_69 Start: 44708, Stop: 43890, Start Num: 67

Candidate Starts for Swole_69:

(Start: 57 @44726 has 17 MA's), (Start: 67 @44708 has 41 MA's), (Start: 77 @44696 has 159 MA's), (103, 44612), (Start: 105 @44594 has 1 MA's), (110, 44552), (Start: 112 @44543 has 1 MA's), (119, 44528), (154, 44342), (165, 44297), (199, 44207), (201, 44201), (208, 44186), (211, 44180), (219, 44129), (222, 44114), (232, 44078), (234, 44069), (250, 43988), (256, 43922), (257, 43916), (260, 43898),

Gene: SydNat_67 Start: 42966, Stop: 42151, Start Num: 86

Candidate Starts for SydNat_67:

(Start: 86 @42966 has 72 MA's), (Start: 105 @42876 has 1 MA's), (Start: 112 @42825 has 1 MA's), (113, 42822), (125, 42792), (140, 42732), (144, 42711), (195, 42519), (202, 42489), (206, 42453), (219, 42393), (220, 42384), (224, 42369), (229, 42354), (242, 42297), (246, 42273), (247, 42264), (260, 42159),

Gene: TNguyen7_72 Start: 43641, Stop: 42847, Start Num: 79

Candidate Starts for TNguyen7_72:

(Start: 79 @43641 has 38 MA's), (130, 43461), (194, 43197), (222, 43074), (234, 43029), (256, 42879), (260, 42855),

Gene: TWAMP_56 Start: 39345, Stop: 38536, Start Num: 86

Candidate Starts for TWAMP_56:

(Start: 86 @39345 has 72 MA's), (95, 39333), (107, 39231), (Start: 109 @39225 has 1 MA's), (125, 39171), (132, 39156), (150, 39045), (152, 39027), (214, 38820), (230, 38748), (231, 38745), (234, 38730), (250, 38649), (256, 38580), (257, 38574),

Gene: Takoda_56 Start: 39528, Stop: 38719, Start Num: 86

Candidate Starts for Takoda_56:

(Start: 86 @39528 has 72 MA's), (95, 39516), (101, 39480), (107, 39414), (Start: 109 @39408 has 1 MA's), (125, 39354), (132, 39339), (150, 39228), (214, 39003), (230, 38931), (231, 38928), (234, 38913), (250, 38832), (256, 38763), (257, 38757),

Gene: Taquarus_67 Start: 43161, Stop: 42370, Start Num: 82

Candidate Starts for Taquarus_67:

(15, 43374), (Start: 82 @43161 has 185 MA's), (Start: 99 @43134 has 6 MA's), (125, 42987), (134, 42963), (164, 42786), (192, 42720), (199, 42693), (208, 42672), (219, 42615), (220, 42606), (234, 42552), (256, 42402),

Gene: Target_71 Start: 43837, Stop: 43019, Start Num: 67

Candidate Starts for Target_71:

(Start: 57 @43855 has 17 MA's), (Start: 67 @43837 has 41 MA's), (Start: 77 @43825 has 159 MA's), (103, 43741), (Start: 105 @43723 has 1 MA's), (Start: 112 @43672 has 1 MA's), (119, 43657), (154, 43471), (165, 43426), (199, 43336), (201, 43330), (208, 43315), (219, 43258), (222, 43243), (232, 43207), (234, 43198), (250, 43117), (256, 43051), (257, 43045), (260, 43027),

Gene: TarsusIV_71 Start: 44411, Stop: 43512, Start Num: 77

Candidate Starts for TarsusIV_71:

(Start: 77 @44411 has 159 MA's), (Start: 102 @44339 has 13 MA's), (Start: 105 @44309 has 1 MA's), (Start: 128 @44216 has 1 MA's), (140, 44156), (222, 43751), (223, 43745), (234, 43703), (256, 43541),

Gene: Tarynearal_66 Start: 42607, Stop: 41795, Start Num: 86

Candidate Starts for Tarynearal_66:

(Start: 86 @42607 has 72 MA's), (117, 42454), (125, 42433), (140, 42373), (144, 42352), (202, 42130), (219, 42037), (224, 42013), (230, 41995), (242, 41941), (246, 41917), (247, 41908), (260, 41803),

Gene: Tasp14_71 Start: 45484, Stop: 44660, Start Num: 63

Candidate Starts for Tasp14_71:

(47, 45517), (Start: 63 @45484 has 40 MA's), (Start: 77 @45466 has 159 MA's), (103, 45382), (Start: 105 @45364 has 1 MA's), (Start: 112 @45313 has 1 MA's), (154, 45112), (199, 44977), (201, 44971), (208, 44956), (211, 44950), (219, 44899), (222, 44884), (232, 44848), (234, 44839), (250, 44758), (256, 44692), (257, 44686), (260, 44668),

Gene: Taurus_78 Start: 44049, Stop: 43234, Start Num: 91

Candidate Starts for Taurus_78:

(19, 44229), (Start: 91 @44049 has 77 MA's), (Start: 99 @44022 has 6 MA's), (Start: 128 @43866 has 1 MA's), (134, 43842), (138, 43815), (142, 43797), (193, 43596), (199, 43572), (208, 43548), (234, 43428), (236, 43410), (242, 43380), (256, 43266), (260, 43242),

Gene: Teodoridan_68 Start: 43151, Stop: 42330, Start Num: 67

Candidate Starts for Teodoridan_68:

(33, 43235), (Start: 67 @43151 has 41 MA's), (Start: 77 @43139 has 159 MA's), (103, 43052), (Start: 105 @43034 has 1 MA's), (110, 42992), (Start: 112 @42983 has 1 MA's), (119, 42968), (154, 42782), (165, 42737), (199, 42647), (201, 42641), (208, 42626), (211, 42620), (219, 42569), (222, 42554), (232, 42518), (234, 42509), (250, 42428), (256, 42362), (257, 42356), (260, 42338),

Gene: Texage_69 Start: 43639, Stop: 42845, Start Num: 79

Candidate Starts for Texage_69:

(Start: 79 @43639 has 38 MA's), (125, 43465), (194, 43195), (199, 43171), (234, 43027), (246, 42967), (256, 42877), (260, 42853),

Gene: Thanksgivukkah_67 Start: 43156, Stop: 42365, Start Num: 82

Candidate Starts for Thanksgivukkah_67:

(15, 43369), (Start: 82 @43156 has 185 MA's), (Start: 99 @43129 has 6 MA's), (125, 42982), (134, 42958), (164, 42781), (192, 42715), (199, 42688), (208, 42667), (219, 42610), (220, 42601), (234, 42547), (256, 42397),

Gene: Theia_66 Start: 43096, Stop: 42281, Start Num: 86

Candidate Starts for Theia_66:

(Start: 86 @43096 has 72 MA's), (117, 42943), (125, 42922), (140, 42862), (144, 42841), (202, 42619), (219, 42523), (224, 42499), (230, 42481), (242, 42427), (246, 42403), (247, 42394), (256, 42313), (260, 42289),

Gene: TheloniousMonk_73 Start: 46529, Stop: 45711, Start Num: 67

Candidate Starts for TheloniousMonk_73:

(Start: 57 @46547 has 17 MA's), (Start: 67 @46529 has 41 MA's), (Start: 77 @46517 has 159 MA's), (103, 46433), (Start: 105 @46415 has 1 MA's), (Start: 112 @46364 has 1 MA's), (119, 46349), (154, 46163), (165, 46118), (199, 46028), (201, 46022), (208, 46007), (219, 45950), (222, 45935), (232, 45899), (234, 45890), (250, 45809), (256, 45743), (257, 45737), (260, 45719),

Gene: Thor_69 Start: 43323, Stop: 42589, Start Num: 102

Candidate Starts for Thor_69:

(50, 43437), (52, 43434), (54, 43431), (Start: 102 @43323 has 13 MA's), (Start: 112 @43242 has 1 MA's), (119, 43227), (154, 43041), (199, 42906), (201, 42900), (208, 42885), (211, 42879), (219, 42828), (222, 42813), (232, 42777), (234, 42768), (250, 42687), (256, 42621), (257, 42615), (260, 42597),

Gene: Tiffany_76 Start: 43934, Stop: 43119, Start Num: 91

Candidate Starts for Tiffany_76:

(19, 44114), (Start: 91 @43934 has 77 MA's), (Start: 99 @43907 has 6 MA's), (Start: 128 @43751 has 1 MA's), (134, 43727), (138, 43700), (142, 43682), (193, 43481), (199, 43457), (208, 43433), (234, 43313), (236, 43295), (242, 43265), (256, 43151), (260, 43127),

Gene: Tiger_67 Start: 42538, Stop: 41723, Start Num: 86

Candidate Starts for Tiger_67:

(Start: 86 @42538 has 72 MA's), (117, 42385), (125, 42364), (140, 42304), (144, 42283), (202, 42061), (219, 41965), (224, 41941), (230, 41923), (242, 41869), (246, 41845), (247, 41836), (256, 41755), (260, 41731),

Gene: Timothy_76 Start: 43891, Stop: 43076, Start Num: 77

Candidate Starts for Timothy_76:

(Start: 77 @43891 has 159 MA's), (106, 43786), (Start: 112 @43741 has 1 MA's), (Start: 128 @43699 has 1 MA's), (133, 43681), (150, 43573), (201, 43402), (219, 43330), (223, 43309), (234, 43270), (256, 43108),

Gene: Timshel_69 Start: 46410, Stop: 45610, Start Num: 73

Candidate Starts for Timshel_69:

(Start: 73 @46410 has 3 MA's), (125, 46227), (132, 46212), (135, 46197), (192, 45960), (195, 45954), (202, 45924), (210, 45909), (219, 45855), (222, 45840), (234, 45792), (256, 45642),

Gene: TinaFeyge_66 Start: 43153, Stop: 42362, Start Num: 82

Candidate Starts for TinaFeyge_66:

(Start: 82 @43153 has 185 MA's), (Start: 99 @43126 has 6 MA's), (125, 42979), (134, 42955), (164, 42778), (192, 42712), (199, 42685), (208, 42664), (219, 42607), (220, 42598), (234, 42544), (256, 42394),

Gene: TinyTimmy_73 Start: 43620, Stop: 42805, Start Num: 77

Candidate Starts for TinyTimmy_73:

(Start: 77 @43620 has 159 MA's), (106, 43515), (Start: 112 @43470 has 1 MA's), (Start: 128 @43428 has 1 MA's), (133, 43410), (138, 43377), (150, 43302), (201, 43131), (219, 43059), (223, 43038), (234, 42999), (256, 42837),

Gene: Tinybot_67 Start: 43188, Stop: 42397, Start Num: 82

Candidate Starts for Tinybot_67:

(Start: 82 @43188 has 185 MA's), (Start: 99 @43161 has 6 MA's), (125, 43014), (134, 42990), (164, 42813), (192, 42747), (199, 42720), (208, 42699), (219, 42642), (220, 42633), (234, 42579), (256, 42429),

Gene: TopsytheTRex_73 Start: 43978, Stop: 43109, Start Num: 77

Candidate Starts for TopsytheTRex_73:

(Start: 77 @43978 has 159 MA's), (100, 43933), (107, 43855), (113, 43825), (Start: 128 @43786 has 1 MA's), (219, 43360), (223, 43339), (234, 43300), (256, 43138),

Gene: TiroTheta9_67 Start: 43152, Stop: 42361, Start Num: 82

Candidate Starts for TiroTheta9_67:

(Start: 82 @43152 has 185 MA's), (Start: 99 @43125 has 6 MA's), (125, 42978), (134, 42954), (164, 42777), (192, 42711), (199, 42684), (208, 42663), (219, 42606), (220, 42597), (234, 42543), (256, 42393),

Gene: Toaka_75 Start: 43993, Stop: 43154, Start Num: 77

Candidate Starts for Toaka_75:

(Start: 77 @43993 has 159 MA's), (Start: 99 @43963 has 6 MA's), (Start: 105 @43900 has 1 MA's), (Start: 112 @43849 has 1 MA's), (116, 43837), (Start: 128 @43807 has 1 MA's), (140, 43747), (187, 43540), (200, 43486), (201, 43483), (202, 43480), (222, 43393), (223, 43387), (234, 43348), (237, 43321), (250, 43255), (256, 43186),

Gene: Todacoro_71 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for Todacoro_71:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: Tomathan_76 Start: 44974, Stop: 44165, Start Num: 87

Candidate Starts for Tomathan_76:

(Start: 87 @44974 has 13 MA's), (Start: 99 @44944 has 6 MA's), (Start: 102 @44911 has 13 MA's), (Start: 105 @44881 has 1 MA's), (126, 44794), (134, 44764), (167, 44581), (201, 44491), (219, 44419), (223, 44398), (234, 44356), (235, 44353), (253, 44239), (254, 44227), (256, 44194),

Gene: ToneTone_73 Start: 42954, Stop: 42133, Start Num: 82

Candidate Starts for ToneTone_73:

(17, 43167), (Start: 82 @42954 has 185 MA's), (Start: 102 @42891 has 13 MA's), (Start: 105 @42861 has 1 MA's), (126, 42774), (Start: 128 @42768 has 1 MA's), (134, 42744), (187, 42516), (219, 42387), (223, 42366), (224, 42363), (226, 42354), (234, 42327), (256, 42165),

Gene: Topanga_65 Start: 42818, Stop: 41994, Start Num: 57

Candidate Starts for Topanga_65:

(18, 42977), (Start: 57 @42818 has 17 MA's), (125, 42611), (132, 42596), (199, 42317), (205, 42299), (234, 42176), (246, 42116), (260, 42002),

Gene: Topgun_68 Start: 43658, Stop: 42834, Start Num: 63

Candidate Starts for Topgun_68:

(Start: 63 @43658 has 40 MA's), (Start: 77 @43640 has 159 MA's), (103, 43556), (Start: 105 @43538 has 1 MA's), (Start: 112 @43487 has 1 MA's), (119, 43472), (154, 43286), (165, 43241), (199, 43151), (201, 43145), (208, 43130), (211, 43124), (219, 43073), (222, 43058), (232, 43022), (234, 43013), (250, 42932), (256, 42866), (257, 42860), (260, 42842),

Gene: ToriToki_66 Start: 34349, Stop: 33543, Start Num: 98

Candidate Starts for ToriToki_66:

(Start: 93 @34364 has 14 MA's), (Start: 98 @34349 has 2 MA's), (113, 34226), (129, 34181), (132, 34169), (135, 34154), (138, 34133), (153, 34022), (157, 33992), (184, 33914), (218, 33782), (228, 33740), (231, 33731), (240, 33683), (250, 33629),

Gene: Tote_66 Start: 41975, Stop: 41157, Start Num: 67

Candidate Starts for Tote_66:

(Start: 57 @41993 has 17 MA's), (Start: 67 @41975 has 41 MA's), (Start: 77 @41963 has 159 MA's), (103, 41879), (Start: 105 @41861 has 1 MA's), (110, 41819), (Start: 112 @41810 has 1 MA's), (119, 41795), (154, 41609), (165, 41564), (199, 41474), (201, 41468), (208, 41453), (211, 41447), (219, 41396), (222, 41381), (232, 41345), (234, 41336), (250, 41255), (256, 41189), (257, 41183), (260, 41165),

Gene: Treat_66 Start: 34302, Stop: 33481, Start Num: 93

Candidate Starts for Treat_66:

(Start: 93 @34302 has 14 MA's), (Start: 98 @34287 has 2 MA's), (113, 34164), (129, 34119), (132, 34107), (135, 34092), (138, 34071), (153, 33960), (157, 33930), (184, 33852), (199, 33792), (218, 33720), (228, 33678), (231, 33669), (240, 33621), (250, 33567),

Gene: Treddle_69 Start: 45255, Stop: 44452, Start Num: 79

Candidate Starts for Treddle_69:

(Start: 79 @45255 has 38 MA's), (103, 45174), (Start: 105 @45156 has 1 MA's), (Start: 112 @45105 has 1 MA's), (119, 45090), (154, 44904), (165, 44859), (199, 44769), (201, 44763), (208, 44748), (211, 44742), (219, 44691), (222, 44676), (232, 44640), (234, 44631), (250, 44550), (256, 44484), (257, 44478), (260, 44460),

Gene: Trike_65 Start: 42093, Stop: 41251, Start Num: 57

Candidate Starts for Trike_65:

(1, 42438), (18, 42252), (28, 42168), (Start: 57 @42093 has 17 MA's), (Start: 63 @42081 has 40 MA's), (Start: 99 @42030 has 6 MA's), (125, 41883), (132, 41868), (200, 41586), (224, 41472), (234, 41433), (246, 41373), (256, 41283), (260, 41259),

Gene: Tripl3t_72 Start: 46295, Stop: 45492, Start Num: 84

Candidate Starts for Tripl3t_72:

(48, 46352), (Start: 84 @46295 has 29 MA's), (103, 46214), (Start: 105 @46196 has 1 MA's), (119, 46130), (154, 45944), (165, 45899), (199, 45809), (201, 45803), (208, 45788), (219, 45731), (222, 45716), (232, 45680), (234, 45671), (250, 45590), (256, 45524), (257, 45518), (260, 45500),

Gene: Trixie_73 Start: 45128, Stop: 44301, Start Num: 77

Candidate Starts for Trixie_73:

(21, 45269), (Start: 77 @45128 has 159 MA's), (Start: 102 @45050 has 13 MA's), (Start: 105 @45020 has 1 MA's), (Start: 128 @44927 has 1 MA's), (201, 44630), (234, 44495),

Gene: Trooper_73 Start: 44377, Stop: 43478, Start Num: 77

Candidate Starts for Trooper_73:

(Start: 77 @44377 has 159 MA's), (Start: 102 @44305 has 13 MA's), (Start: 105 @44275 has 1 MA's), (Start: 128 @44182 has 1 MA's), (140, 44122), (167, 43975), (199, 43810), (222, 43717), (234, 43669), (256, 43507),

Gene: Trouble_70 Start: 45030, Stop: 44194, Start Num: 55

Candidate Starts for Trouble_70:

(Start: 55 @45030 has 8 MA's), (59, 45021), (Start: 65 @45012 has 6 MA's), (Start: 77 @45000 has 159 MA's), (103, 44916), (Start: 105 @44898 has 1 MA's), (Start: 112 @44847 has 1 MA's), (119, 44832), (154, 44646), (165, 44601), (199, 44511), (201, 44505), (208, 44490), (211, 44484), (219, 44433), (222, 44418), (232, 44382), (234, 44373), (250, 44292), (256, 44226), (257, 44220), (260, 44202),

Gene: TroyPia_69 Start: 43192, Stop: 42401, Start Num: 82

Candidate Starts for TroyPia_69:

(Start: 82 @43192 has 185 MA's), (Start: 99 @43165 has 6 MA's), (125, 43018), (164, 42817), (192, 42751), (199, 42724), (208, 42703), (219, 42646), (220, 42637), (234, 42583), (256, 42433),

Gene: Tubs_75 Start: 43671, Stop: 42829, Start Num: 77

Candidate Starts for Tubs_75:

(Start: 77 @43671 has 159 MA's), (Start: 82 @43665 has 185 MA's), (Start: 102 @43602 has 13 MA's), (Start: 105 @43572 has 1 MA's), (116, 43509), (159, 43293), (199, 43161), (200, 43158), (201, 43155), (221, 43068), (234, 43020), (256, 42858),

Gene: Tucker_76 Start: 43157, Stop: 42336, Start Num: 82

Candidate Starts for Tucker_76:

(17, 43370), (Start: 82 @43157 has 185 MA's), (Start: 102 @43094 has 13 MA's), (Start: 105 @43064 has 1 MA's), (126, 42977), (Start: 128 @42971 has 1 MA's), (134, 42947), (187, 42719), (219, 42590), (223, 42569), (224, 42566), (226, 42557), (234, 42530), (256, 42368),

Gene: Turbido_74 Start: 44659, Stop: 43760, Start Num: 77

Candidate Starts for Turbido_74:

(Start: 77 @44659 has 159 MA's), (Start: 90 @44647 has 1 MA's), (Start: 102 @44590 has 13 MA's), (Start: 105 @44560 has 1 MA's), (Start: 128 @44467 has 1 MA's), (140, 44407), (167, 44260), (170, 44245), (173, 44212), (176, 44203), (199, 44092), (234, 43951), (256, 43789),

Gene: Turj99_67 Start: 44832, Stop: 43996, Start Num: 55

Candidate Starts for Turj99_67:

(Start: 55 @44832 has 8 MA's), (59, 44823), (Start: 65 @44814 has 6 MA's), (Start: 77 @44802 has 159 MA's), (103, 44718), (Start: 105 @44700 has 1 MA's), (Start: 112 @44649 has 1 MA's), (119, 44634), (154, 44448), (165, 44403), (199, 44313), (201, 44307), (208, 44292), (211, 44286), (219, 44235), (222, 44220), (232, 44184), (234, 44175), (250, 44094), (256, 44028), (257, 44022), (260, 44004),

Gene: Twister_67 Start: 42939, Stop: 42115, Start Num: 57

Candidate Starts for Twister_67:

(18, 43098), (Start: 57 @42939 has 17 MA's), (125, 42732), (132, 42717), (199, 42438), (205, 42420), (234, 42297), (246, 42237), (260, 42123),

Gene: TwoPeat_69 Start: 44824, Stop: 44006, Start Num: 67

Candidate Starts for TwoPeat_69:

(Start: 57 @44842 has 17 MA's), (Start: 67 @44824 has 41 MA's), (Start: 77 @44812 has 159 MA's), (103, 44728), (Start: 105 @44710 has 1 MA's), (Start: 112 @44659 has 1 MA's), (119, 44644), (155, 44449), (165, 44413), (199, 44323), (201, 44317), (208, 44302), (211, 44296), (219, 44245), (222, 44230), (232, 44194), (234, 44185), (250, 44104), (256, 44038), (257, 44032), (260, 44014),

Gene: TygerBlood_68 Start: 43158, Stop: 42367, Start Num: 82

Candidate Starts for TygerBlood_68:

(Start: 82 @43158 has 185 MA's), (Start: 99 @43131 has 6 MA's), (125, 42984), (134, 42960), (164, 42783), (192, 42717), (199, 42690), (208, 42669), (219, 42612), (220, 42603), (234, 42549), (256, 42399),

Gene: U2_64 Start: 44522, Stop: 43818, Start Num: 105

Candidate Starts for U2_64:

(70, 44636), (Start: 88 @44618 has 25 MA's), (103, 44540), (Start: 105 @44522 has 1 MA's), (Start: 112 @44471 has 1 MA's), (119, 44456), (154, 44270), (165, 44225), (199, 44135), (201, 44129), (208, 44114), (211, 44108), (219, 44057), (222, 44042), (232, 44006), (234, 43997), (250, 43916), (256, 43850), (257, 43844), (260, 43826),

Gene: Ugenie5_70 Start: 43959, Stop: 43117, Start Num: 77

Candidate Starts for Ugenie5_70:

(68, 43968), (Start: 77 @43959 has 159 MA's), (Start: 102 @43890 has 13 MA's), (Start: 105 @43860 has 1 MA's), (116, 43797), (159, 43581), (199, 43449), (200, 43446), (201, 43443), (221, 43356), (234, 43308), (246, 43236), (256, 43146),

Gene: UhSalsa_56 Start: 39284, Stop: 38478, Start Num: 86

Candidate Starts for UhSalsa_56:

(Start: 86 @39284 has 72 MA's), (95, 39275), (101, 39239), (Start: 105 @39197 has 1 MA's), (107, 39173), (Start: 109 @39167 has 1 MA's), (125, 39113), (132, 39098), (150, 38987), (180, 38879), (214, 38762), (219, 38735), (230, 38690), (231, 38687), (234, 38672), (250, 38591), (257, 38516),

Gene: Ulysses_67 Start: 42844, Stop: 42053, Start Num: 82

Candidate Starts for Ulysses_67:

(Start: 82 @42844 has 185 MA's), (Start: 99 @42817 has 6 MA's), (125, 42670), (134, 42646), (164, 42469), (192, 42403), (199, 42376), (208, 42355), (219, 42298), (220, 42289), (234, 42235), (256, 42085),

Gene: UnionJack_71 Start: 43047, Stop: 42232, Start Num: 86

Candidate Starts for UnionJack_71:

(38, 43134), (Start: 86 @43047 has 72 MA's), (Start: 105 @42957 has 1 MA's), (125, 42873), (140, 42813), (144, 42792), (195, 42600), (199, 42579), (202, 42570), (206, 42534), (211, 42525), (219, 42474), (220, 42465), (224, 42450), (229, 42435), (242, 42378), (246, 42354), (247, 42345), (256, 42264), (260, 42240),

Gene: Updawg_74 Start: 44225, Stop: 43410, Start Num: 77

Candidate Starts for Updawg_74:

(Start: 77 @44225 has 159 MA's), (Start: 102 @44156 has 13 MA's), (Start: 105 @44126 has 1 MA's), (121, 44051), (Start: 128 @44033 has 1 MA's), (201, 43736), (234, 43601), (256, 43439),

Gene: VA6_73 Start: 44421, Stop: 43510, Start Num: 77

Candidate Starts for VA6_73:

(Start: 77 @44421 has 159 MA's), (Start: 102 @44343 has 13 MA's), (Start: 105 @44313 has 1 MA's), (Start: 128 @44220 has 1 MA's), (167, 44013), (170, 43998), (176, 43956), (195, 43866), (234, 43704),

Gene: VC3_75 Start: 44381, Stop: 43506, Start Num: 87

Candidate Starts for VC3_75:

(Start: 87 @44381 has 13 MA's), (Start: 99 @44351 has 6 MA's), (Start: 105 @44288 has 1 MA's), (118, 44219), (126, 44201), (134, 44171), (138, 44144), (167, 43988), (187, 43943), (199, 43838), (201, 43832), (219, 43760), (223, 43739), (234, 43697), (253, 43580), (256, 43535),

Gene: Vanisoa_72 Start: 44336, Stop: 43500, Start Num: 77

Candidate Starts for Vanisoa_72:

(25, 44462), (Start: 77 @44336 has 159 MA's), (Start: 99 @44306 has 6 MA's), (Start: 102 @44273 has 13 MA's), (Start: 105 @44243 has 1 MA's), (Start: 112 @44192 has 1 MA's), (116, 44180), (Start: 128 @44150 has 1 MA's), (140, 44090), (187, 43883), (200, 43829), (201, 43826), (202, 43823), (221, 43739), (223, 43730), (234, 43691), (246, 43619),

Gene: Veracruz_68 Start: 43638, Stop: 42844, Start Num: 79

Candidate Starts for Veracruz_68:

(Start: 79 @43638 has 38 MA's), (125, 43464), (194, 43194), (199, 43170), (234, 43026), (246, 42966), (256, 42876), (260, 42852),

Gene: Violet_66 Start: 45502, Stop: 44684, Start Num: 67

Candidate Starts for Violet_66:

(61, 45511), (Start: 67 @45502 has 41 MA's), (Start: 77 @45490 has 159 MA's), (103, 45406), (Start: 105 @45388 has 1 MA's), (Start: 112 @45337 has 1 MA's), (119, 45322), (154, 45136), (165, 45091), (199, 45001), (201, 44995), (208, 44980), (211, 44974), (219, 44923), (222, 44908), (232, 44872), (234, 44863), (242, 44827), (250, 44782), (252, 44770), (256, 44716), (257, 44710), (260, 44692),

Gene: Vix_73 Start: 44132, Stop: 43317, Start Num: 91

Candidate Starts for Vix_73:

(19, 44312), (Start: 91 @44132 has 77 MA's), (Start: 99 @44105 has 6 MA's), (Start: 128 @43949 has 1 MA's), (134, 43925), (138, 43898), (142, 43880), (193, 43679), (199, 43655), (208, 43631), (234, 43511), (236, 43493), (242, 43463), (256, 43349), (260, 43325),

Gene: VohminGhazi_76 Start: 43231, Stop: 42404, Start Num: 82

Candidate Starts for VohminGhazi_76:

(Start: 82 @43231 has 185 MA's), (97, 43201), (Start: 102 @43159 has 13 MA's), (Start: 105 @43129 has 1 MA's), (Start: 112 @43078 has 1 MA's), (126, 43042), (134, 43012), (140, 42976), (152, 42892), (187, 42784), (200, 42730), (201, 42727), (219, 42655), (223, 42634), (224, 42631), (234, 42595), (256, 42433),

Gene: Vorvolakos_63 Start: 33703, Stop: 32810, Start Num: 51

Candidate Starts for Vorvolakos_63:

(Start: 51 @33703 has 3 MA's), (Start: 55 @33697 has 8 MA's), (Start: 71 @33670 has 1 MA's), (Start: 93 @33637 has 14 MA's), (Start: 98 @33622 has 2 MA's), (136, 33412), (154, 33286), (184, 33187), (196, 33142), (213, 33067), (218, 33043), (219, 33040), (250, 32896),

Gene: WRightOn_67 Start: 33779, Stop: 32940, Start Num: 93

Candidate Starts for WRightOn_67:

(Start: 71 @33815 has 1 MA's), (Start: 93 @33779 has 14 MA's), (Start: 98 @33764 has 2 MA's), (113, 33641), (135, 33569), (157, 33407), (182, 33335), (184, 33329), (218, 33179), (228, 33137), (231, 33128), (250, 33026),

Gene: Waits_81 Start: 44530, Stop: 43727, Start Num: 99

Candidate Starts for Waits_81:

(Start: 77 @44578 has 159 MA's), (Start: 82 @44572 has 185 MA's), (Start: 99 @44530 has 6 MA's), (Start: 102 @44497 has 13 MA's), (Start: 105 @44467 has 1 MA's), (Start: 128 @44374 has 1 MA's), (223, 43963), (224, 43960), (234, 43921), (256, 43759),

Gene: WalterMcMickey_67 Start: 42939, Stop: 42115, Start Num: 57

Candidate Starts for WalterMcMickey_67:

(18, 43098), (Start: 57 @42939 has 17 MA's), (125, 42732), (132, 42717), (199, 42438), (205, 42420), (234, 42297), (246, 42237), (260, 42123),

Gene: Wander_68 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Wander_68:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Watermelon_70 Start: 44298, Stop: 43498, Start Num: 88

Candidate Starts for Watermelon_70:

(Start: 88 @44298 has 25 MA's), (103, 44220), (Start: 105 @44202 has 1 MA's), (110, 44160), (Start: 112 @44151 has 1 MA's), (119, 44136), (154, 43950), (165, 43905), (199, 43815), (201, 43809), (208, 43794), (211, 43788), (219, 43737), (222, 43722), (232, 43686), (234, 43677), (250, 43596), (256, 43530), (257, 43524), (260, 43506),

Gene: Watson_76 Start: 44041, Stop: 43226, Start Num: 91

Candidate Starts for Watson_76:

(19, 44221), (Start: 91 @44041 has 77 MA's), (Start: 99 @44014 has 6 MA's), (Start: 128 @43858 has 1 MA's), (134, 43834), (138, 43807), (142, 43789), (193, 43588), (199, 43564), (208, 43540), (234, 43420), (236, 43402), (242, 43372), (256, 43258), (260, 43234),

Gene: WeiHuaDA_74 Start: 45165, Stop: 44347, Start Num: 77

Candidate Starts for WeiHuaDA_74:

(Start: 77 @45165 has 159 MA's), (Start: 102 @45096 has 13 MA's), (Start: 105 @45066 has 1 MA's), (Start: 128 @44973 has 1 MA's), (199, 44682), (223, 44583), (234, 44541),

Gene: Whabigail7_74 Start: 44659, Stop: 43760, Start Num: 77

Candidate Starts for Whabigail7_74:

(Start: 77 @44659 has 159 MA's), (Start: 90 @44647 has 1 MA's), (Start: 102 @44590 has 13 MA's), (Start: 105 @44560 has 1 MA's), (Start: 128 @44467 has 1 MA's), (140, 44407), (167, 44260), (170, 44245), (173, 44212), (176, 44203), (199, 44092), (223, 43993), (234, 43951), (256, 43789),

Gene: Wheeler_73 Start: 45583, Stop: 44765, Start Num: 66

Candidate Starts for Wheeler_73:

(Start: 66 @45583 has 1 MA's), (100, 45523), (103, 45487), (Start: 112 @45418 has 1 MA's), (119, 45403), (154, 45217), (165, 45172), (199, 45082), (201, 45076), (208, 45061), (211, 45055), (219, 45004), (222, 44989), (232, 44953), (234, 44944), (250, 44863), (252, 44851), (256, 44797), (257, 44791), (260, 44773),

Gene: WideWale_74 Start: 44225, Stop: 43410, Start Num: 77

Candidate Starts for WideWale_74:

(Start: 77 @44225 has 159 MA's), (Start: 102 @44156 has 13 MA's), (Start: 105 @44126 has 1 MA's), (121, 44051), (Start: 128 @44033 has 1 MA's), (201, 43736), (234, 43601), (256, 43439),

Gene: Wiks_75 Start: 43025, Stop: 42204, Start Num: 82

Candidate Starts for Wiks_75:

(17, 43238), (Start: 82 @43025 has 185 MA's), (Start: 102 @42962 has 13 MA's), (Start: 105 @42932 has 1 MA's), (126, 42845), (Start: 128 @42839 has 1 MA's), (134, 42815), (187, 42587), (219, 42458), (223, 42437), (224, 42434), (226, 42425), (234, 42398), (256, 42236),

Gene: Wilbur_68 Start: 43155, Stop: 42364, Start Num: 82

Candidate Starts for Wilbur_68:

(15, 43368), (Start: 82 @43155 has 185 MA's), (Start: 99 @43128 has 6 MA's), (125, 42981), (134, 42957), (164, 42780), (192, 42714), (199, 42687), (208, 42666), (219, 42609), (220, 42600), (234, 42546), (256, 42396),

Gene: Wile_66 Start: 43464, Stop: 42673, Start Num: 82

Candidate Starts for Wile_66:

(Start: 82 @43464 has 185 MA's), (Start: 99 @43437 has 6 MA's), (125, 43290), (134, 43266), (194, 43020), (199, 42996), (219, 42918), (220, 42909), (234, 42855), (256, 42705),

Gene: Wilkins_69 Start: 43588, Stop: 42764, Start Num: 63

Candidate Starts for Wilkins_69:

(Start: 63 @43588 has 40 MA's), (Start: 77 @43570 has 159 MA's), (103, 43486), (Start: 105 @43468 has 1 MA's), (Start: 112 @43417 has 1 MA's), (119, 43402), (154, 43216), (165, 43171), (199, 43081), (201, 43075), (208, 43060), (211, 43054), (219, 43003), (222, 42988), (232, 42952), (234, 42943), (250, 42862), (256, 42796), (257, 42790), (260, 42772),

Gene: Wizard007_67 Start: 43190, Stop: 42399, Start Num: 82

Candidate Starts for Wizard007_67:

(Start: 82 @43190 has 185 MA's), (Start: 99 @43163 has 6 MA's), (125, 43016), (134, 42992), (194, 42746), (199, 42722), (219, 42644), (220, 42635), (234, 42581), (256, 42431),

Gene: Wooldri_79 Start: 43961, Stop: 43146, Start Num: 91

Candidate Starts for Wooldri_79:

(19, 44141), (42, 44036), (Start: 91 @43961 has 77 MA's), (Start: 128 @43778 has 1 MA's), (134, 43754), (138, 43727), (142, 43709), (193, 43508), (199, 43484), (208, 43460), (234, 43340), (236, 43322), (242, 43292), (256, 43178), (260, 43154),

Gene: WunderPhul_76 Start: 43023, Stop: 42202, Start Num: 82

Candidate Starts for WunderPhul_76:

(17, 43236), (Start: 82 @43023 has 185 MA's), (Start: 102 @42960 has 13 MA's), (Start: 105 @42930 has 1 MA's), (126, 42843), (Start: 128 @42837 has 1 MA's), (134, 42813), (187, 42585), (219, 42456), (223, 42435), (224, 42432), (226, 42423), (234, 42396), (256, 42234),

Gene: Xena_66 Start: 43431, Stop: 42640, Start Num: 82

Candidate Starts for Xena_66:

(Start: 82 @43431 has 185 MA's), (Start: 99 @43404 has 6 MA's), (125, 43257), (134, 43233), (194, 42987), (199, 42963), (219, 42885), (220, 42876), (234, 42822), (256, 42672),

Gene: XianYue_69 Start: 44159, Stop: 43344, Start Num: 77

Candidate Starts for XianYue_69:

(Start: 77 @44159 has 159 MA's), (Start: 102 @44090 has 13 MA's), (Start: 105 @44060 has 1 MA's), (Start: 128 @43967 has 1 MA's), (195, 43697), (200, 43673), (201, 43670), (222, 43583), (234, 43535), (256, 43373),

Gene: Yecey3_77 Start: 43793, Stop: 42888, Start Num: 77

Candidate Starts for Yecey3_77:

(Start: 77 @43793 has 159 MA's), (Start: 99 @43760 has 6 MA's), (Start: 102 @43727 has 13 MA's), (Start: 105 @43697 has 1 MA's), (116, 43634), (Start: 128 @43604 has 1 MA's), (159, 43418), (160, 43415), (170, 43382), (181, 43286), (200, 43217), (201, 43214), (202, 43211), (217, 43145), (223, 43118), (228, 43100), (234, 43079), (253, 42962), (256, 42917),

Gene: YoSam321_68 Start: 43152, Stop: 42361, Start Num: 82

Candidate Starts for YoSam321_68:

(Start: 82 @43152 has 185 MA's), (Start: 99 @43125 has 6 MA's), (125, 42978), (134, 42954), (164, 42777), (192, 42711), (199, 42684), (208, 42663), (219, 42606), (220, 42597), (234, 42543), (256, 42393),

Gene: Yogi_56 Start: 39696, Stop: 38887, Start Num: 86

Candidate Starts for Yogi_56:

(Start: 86 @39696 has 72 MA's), (95, 39684), (101, 39648), (107, 39582), (Start: 109 @39576 has 1 MA's), (125, 39522), (132, 39507), (134, 39498), (150, 39396), (214, 39171), (219, 39144), (230, 39099), (231, 39096), (234, 39081), (250, 39000), (256, 38931),

Gene: Yokurt_75 Start: 43025, Stop: 42204, Start Num: 82

Candidate Starts for Yokurt_75:

(17, 43238), (Start: 82 @43025 has 185 MA's), (Start: 102 @42962 has 13 MA's), (Start: 105 @42932 has 1 MA's), (126, 42845), (Start: 128 @42839 has 1 MA's), (134, 42815), (187, 42587), (219, 42458), (223, 42437), (224, 42434), (226, 42425), (234, 42398), (256, 42236),

Gene: Yoncess_55 Start: 39099, Stop: 38290, Start Num: 86

Candidate Starts for Yoncess_55:

(Start: 86 @39099 has 72 MA's), (95, 39087), (101, 39051), (107, 38985), (Start: 109 @38979 has 1 MA's), (125, 38925), (132, 38910), (150, 38799), (214, 38574), (230, 38502), (231, 38499), (234, 38484), (250, 38403), (256, 38334), (257, 38328),

Gene: Zaka_76 Start: 43025, Stop: 42204, Start Num: 82

Candidate Starts for Zaka_76:

(17, 43238), (Start: 82 @43025 has 185 MA's), (Start: 102 @42962 has 13 MA's), (Start: 105 @42932 has 1 MA's), (126, 42845), (Start: 128 @42839 has 1 MA's), (134, 42815), (187, 42587), (219, 42458), (223, 42437), (224, 42434), (226, 42425), (234, 42398), (256, 42236),

Gene: Zeigle_63 Start: 33623, Stop: 32784, Start Num: 93

Candidate Starts for Zeigle_63:

(Start: 71 @33659 has 1 MA's), (Start: 93 @33623 has 14 MA's), (Start: 98 @33608 has 2 MA's), (113, 33485), (135, 33413), (157, 33251), (182, 33179), (184, 33173), (218, 33023), (228, 32981), (231, 32972), (250, 32870),

Gene: Zephyr_70 Start: 43558, Stop: 42758, Start Num: 84

Candidate Starts for Zephyr_70:

(Start: 84 @43558 has 29 MA's), (103, 43480), (Start: 105 @43462 has 1 MA's), (Start: 112 @43411 has 1 MA's), (119, 43396), (154, 43210), (165, 43165), (199, 43075), (201, 43069), (208, 43054), (211, 43048), (219, 42997), (222, 42982), (232, 42946), (234, 42937), (250, 42856), (256, 42790), (257, 42784), (260, 42766),

Gene: Zetzy_74 Start: 43429, Stop: 42797, Start Num: 128

Candidate Starts for Zetzy_74:

(19, 43801), (Start: 128 @43429 has 1 MA's), (134, 43405), (138, 43378), (142, 43360), (193, 43159), (199, 43135), (208, 43111), (234, 42991), (236, 42973), (242, 42943), (256, 42829), (260, 42805),

Gene: Zeuska_74 Start: 46586, Stop: 45762, Start Num: 63

Candidate Starts for Zeuska_74:

(47, 46619), (Start: 63 @46586 has 40 MA's), (Start: 77 @46568 has 159 MA's), (103, 46484), (Start: 105 @46466 has 1 MA's), (110, 46424), (Start: 112 @46415 has 1 MA's), (119, 46400), (154, 46214), (165, 46169), (199, 46079), (201, 46073), (208, 46058), (219, 46001), (222, 45986), (232, 45950), (234, 45941), (250, 45860), (256, 45794), (257, 45788), (260, 45770),

Gene: Zimmer_72 Start: 44797, Stop: 43982, Start Num: 82

Candidate Starts for Zimmer_72:

(43, 44860), (Start: 82 @44797 has 185 MA's), (Start: 88 @44791 has 25 MA's), (Start: 102 @44728 has 13 MA's), (Start: 105 @44698 has 1 MA's), (116, 44635), (118, 44629), (126, 44611), (134, 44581), (157, 44425), (201, 44308), (223, 44215), (234, 44173), (256, 44011),

Gene: Zolita_66 Start: 42970, Stop: 42155, Start Num: 86

Candidate Starts for Zolita_66:

(Start: 86 @42970 has 72 MA's), (Start: 105 @42880 has 1 MA's), (Start: 112 @42829 has 1 MA's), (113, 42826), (125, 42796), (140, 42736), (144, 42715), (195, 42523), (202, 42493), (206, 42457), (219, 42397), (220, 42388), (224, 42373), (229, 42358), (242, 42301), (246, 42277), (247, 42268), (260, 42163),

Gene: ZooBear_66 Start: 34368, Stop: 33547, Start Num: 93

Candidate Starts for ZooBear_66:

(Start: 93 @34368 has 14 MA's), (Start: 98 @34353 has 2 MA's), (113, 34230), (129, 34185), (132, 34173), (135, 34158), (138, 34137), (153, 34026), (157, 33996), (184, 33918), (218, 33786), (228, 33744), (231, 33735), (240, 33687), (250, 33633),

Gene: Zulu_77 Start: 43403, Stop: 42582, Start Num: 82

Candidate Starts for Zulu_77:

(17, 43616), (Start: 82 @43403 has 185 MA's), (Start: 102 @43340 has 13 MA's), (Start: 105 @43310 has 1 MA's), (126, 43223), (Start: 128 @43217 has 1 MA's), (134, 43193), (187, 42965), (219, 42836), (223, 42815), (224, 42812), (226, 42803), (234, 42776), (256, 42614),