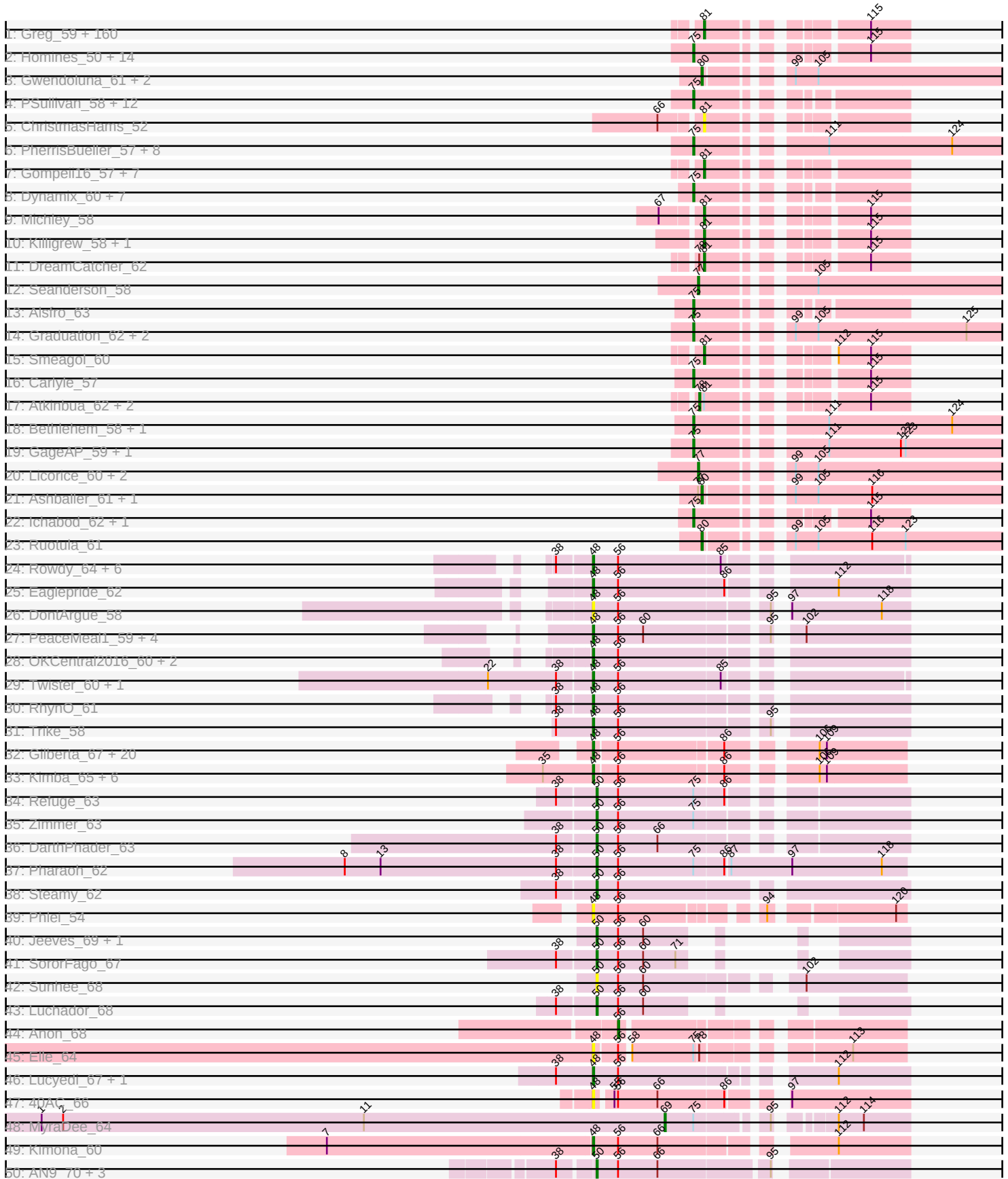
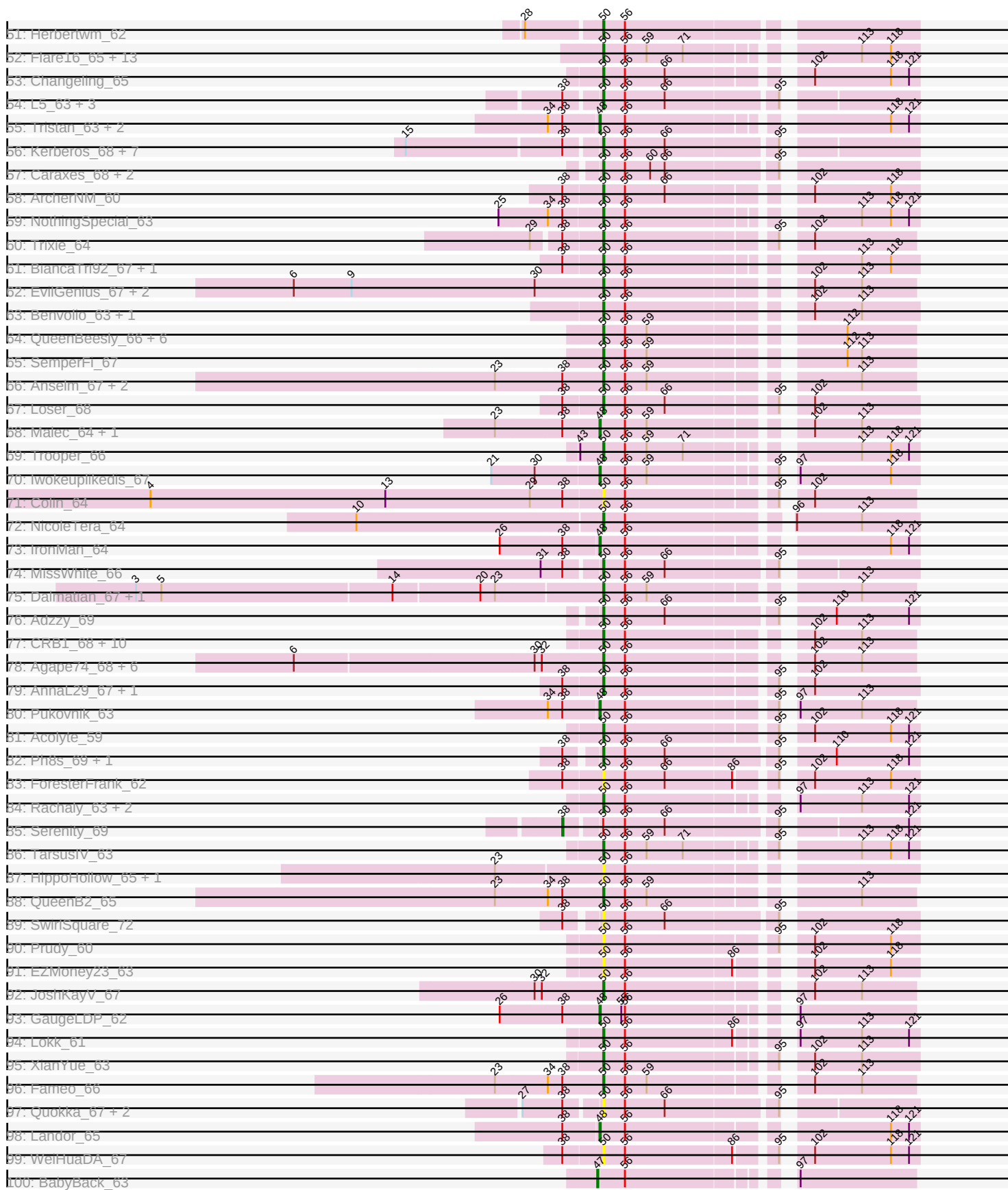
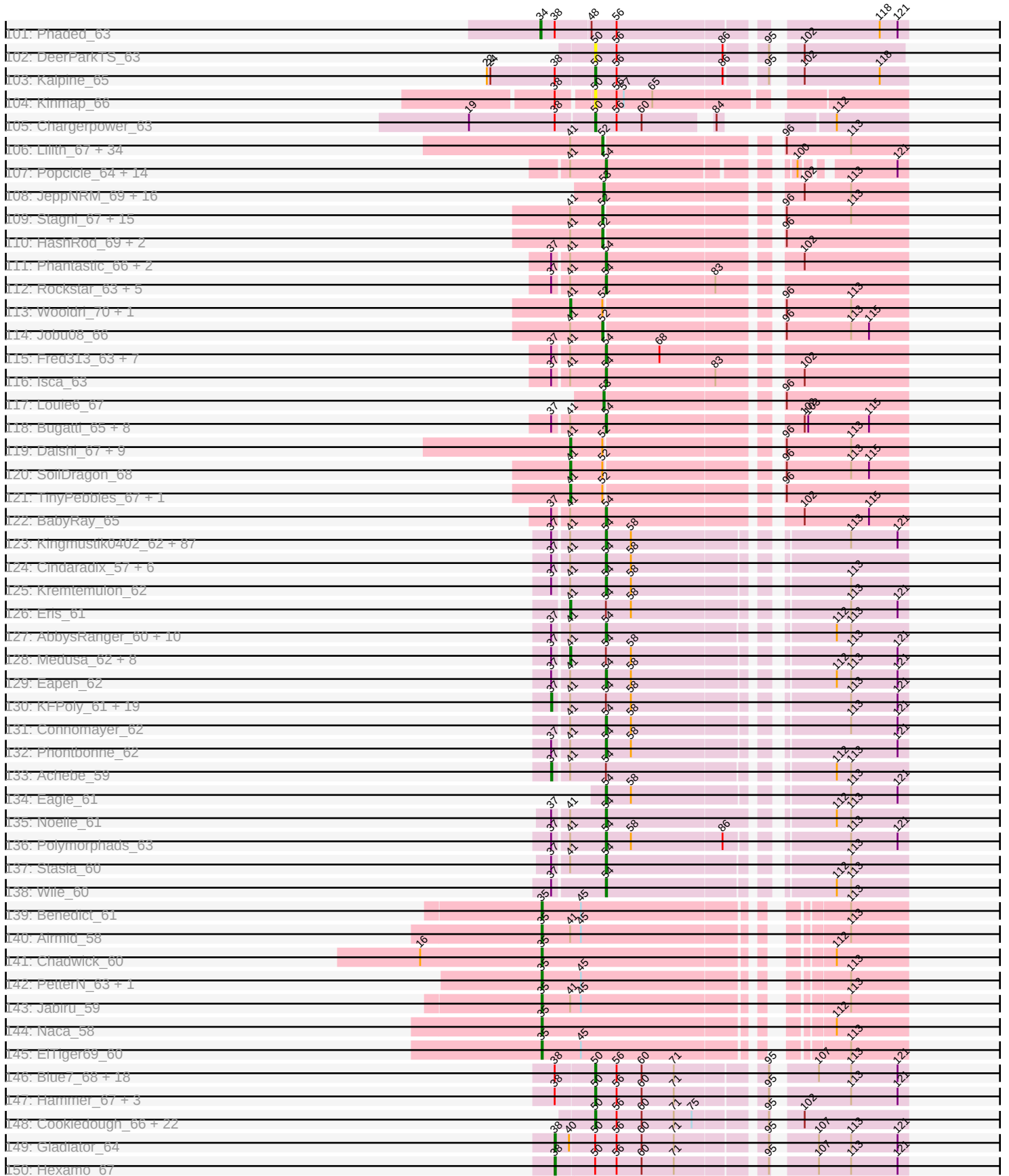




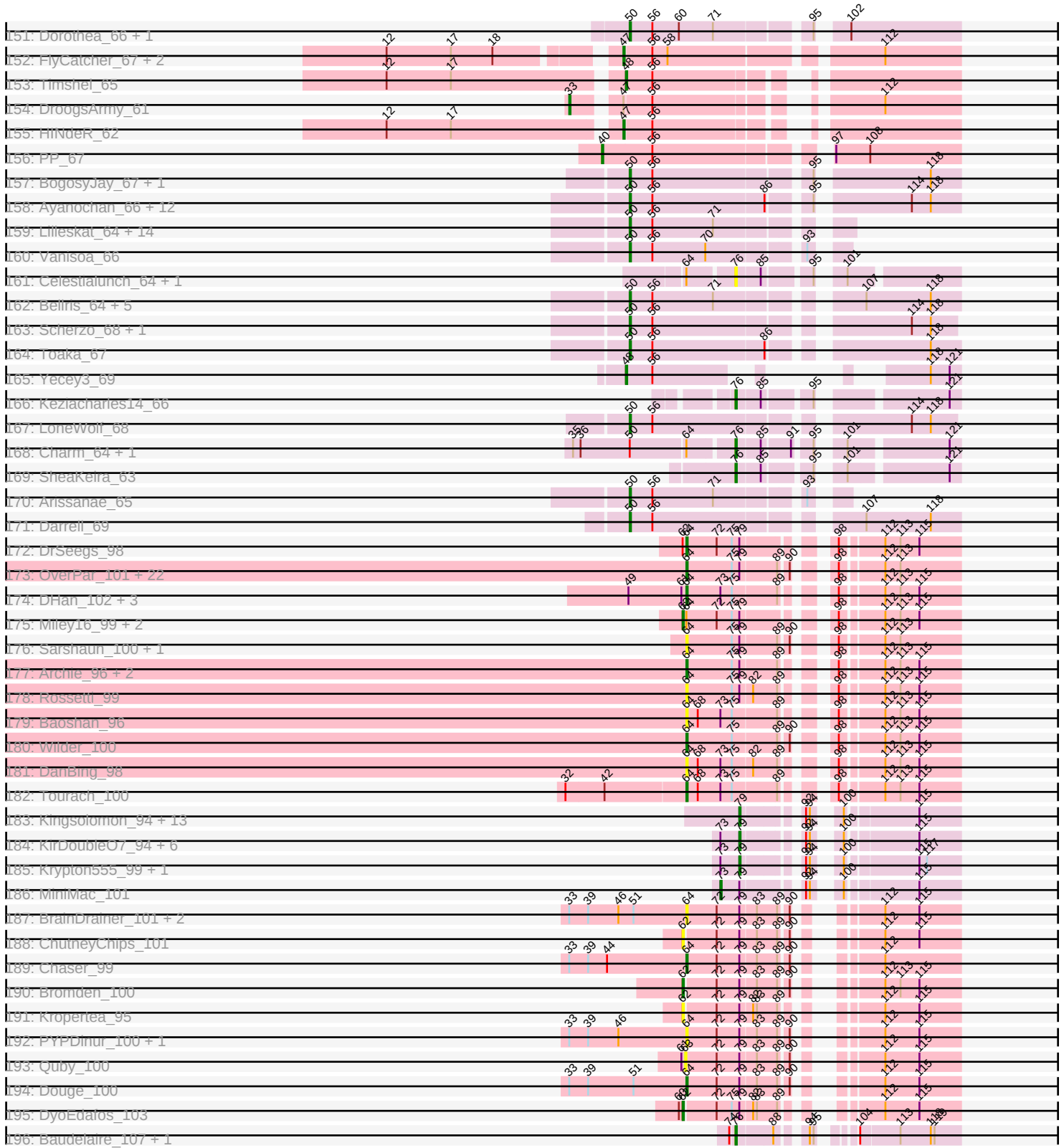
Pham 279942



Pham 279942



Pham 279942



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 279942 Report

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

Pham number 279942 has 905 members, 123 are drafts.

Phages represented in each track:

- Track 1 : Greg_59, Jerm2_59, Espresso_57, Moose_57, MrGordo_58, Monet_61, BarrowTuph_59, Peterson_62, Buttons_56, Sagefire_60, Kanely_60, Kenmech_63, Jorgensen_59, Solon_56, Violet_56, CactusRose_56, Marcell_55, Oogway_57, Dexes_58, Tripl3t_60, Marge_57, Hami1_53, Phlippers_56, PinkPlastic_58, Sumter_54, Snazzy_57, Magnito_57, GMonster_55, Briton15_62, Francis47_57, A6_52, PowerRanger_56, PacerPaul_58, BaconJack_63, ConceptII_61, Bruns_57, Wilkins_57, Tasp14_61, Naira_61, Seabiscuit_62, Gandalf20_61, Marsha_57, Agaliana_53, Topgun_57, Arcanine_60, Dussy_60, StewieG_55, Kugel_58, Gyzlar_54, Smairt_61, Abbysshoes_61, JackSparrow_61, BigPaolini_57, Bigchung_58, Blue_57, HarryOW_57, Lesedi_54, Papez_61, Levia_56, Zephyr_59, Chanagan_54, TheloniousMonk_59, Wheeler_58, Burton_58, Payneful_58, Puppet_57, HanShotFirst_59, Pippin_59, MPlant7149_57, Ajay_59, Abrogate_570, Target_59, Crispicous1_55, DrFeelGood_56, Aldrich_56, Bxb1_53, Edtherson_57, Adahisdi_58, HermioneGrange_59, Aeneas_61, ILeeKay_61, Marchy_53, Iqorha_53, ShortQueendom_51, PattyP_60, Zeuska_57, Kykar_58, Niza_60, Fushigi_55, NEHalo_56, Hermia_58, Magnar_56, Watermelon_59, Hope4ever_60, GrecoEtereo_58, Mkhuseleli_56, Perseus_58, RidgeCB_58, Rutherford_59, Rhynn_56, Sanya_54, Museum_59, Sibbs6_60, Rufus_59, Raid_57, BPBiebs31_60, Slagathor_60, McGuire_60, IgnatiusPatJac_58, Arlo_56, Bob3_57, Petruchio_57, Applejack_53, Treddle_59, CatBus_56, Mule_56, Ringer_58, Rajelicia_59, Ciao_57, Maroc7_56, PhrostyMug_58, Nhonho_57, AFIS_55, Paphu_57, BeesKnees_61, Forsytheast_57, KBG_59, Swole_59, Nerujay_60, JuliaChild_59, Fajezeel_59, Fascinus_54, Inyanga_53, KikiBouba_57, McSinger_58, BluSpix_56, LunarLander_59, Fenn_61, Zeeculate_56, Big3_57, BK1_52, Rohr_59, Eyeball_59, Trouble_60, Altman_61, Squee_59, Blessers_55, Lopton_58, Molly_59, GroundGoblin_57, Noxious_56, Petp2012_59, PhineBark_58, Tote_54, BigMau_60, Bigfoot_52, PascalRango_58, SwissCheese_59, TwoPeat_60, Acme_59, Lamina13_60
- Track 2 : Homines_50, Makemake_59, Sorpresa_56, Lockley_56, ProMouse_58, Sandaddy_55, LilBib_58, Gachnar_57, DD5_57, KyMonks1A_61, Blackflame_55, KSSJEB_58, Turj99_56, Thor_55, SarFire_55
- Track 3 : Gwendoluna_61, Pelly_58, Dulcie_58
- Track 4 : PSullivan_58, Sunshine924_60, MilleFeuille_53, Pita2_61, Scowl_59, Anglerfish_59, Paraselene_56, Euphoria_56, Froghopper_55, CartmannCramer_57, Manatee_59, Marco3_62, QTRlifeCrisis_58
- Track 5 : ChristmasHams_52

- Track 6 : PherrisBueller_57, Norz_59, Beatrix_58, StrongArm_57, Dreamboat_59, Bexan_56, Jasper_59, Ohno789_59, Doom_56
- Track 7 : Gompeii16_57, Barriga_59, EnzoK_58, Bircsak_57, Alvin_57, Mryolo_55, Teodoridan_56, Parliament_58
- Track 8 : Dynamix_60, MaryBeth_57, SkiPole_63, MetalQZJ_56, Corvo_59, Switzer_59, STLscum_61, Pepe_55
- Track 9 : Michley_58
- Track 10 : Killigrew_58, Whitspit_55
- Track 11 : DreamCatcher_62
- Track 12 : Seanderson_58
- Track 13 : Alsfro_63
- Track 14 : Graduation_62, Bones_58, Cueylyss_59
- Track 15 : Smeagol_60
- Track 16 : Carlyle_57
- Track 17 : Atkinbua_62, Rubeus_58, Pinto_59
- Track 18 : Bethlehem_58, Pari_61
- Track 19 : GageAP_59, SpikeBT_57
- Track 20 : Licorice_60, BillKnuckles_56, Traft412_61
- Track 21 : Ashballer_61, JC27_61
- Track 22 : Ichabod_62, U2_57
- Track 23 : Ruotula_61
- Track 24 : Rowdy_64, Edison31_58, Kristoff_61, DustyMartin_64, Rebeuca_62, Topanga_58, Shapes_64
- Track 25 : Eaglepride_62
- Track 26 : DontArgue_58
- Track 27 : PeaceMeal1_59, Severus_59, Drake94_59, KittenMittens_58, Poompha_59
- Track 28 : OKCentral2016_60, Chupacabra_60, Goose_62
- Track 29 : Twister_60, WalterMcMickey_60
- Track 30 : RhynO_61
- Track 31 : Trike_58
- Track 32 : Gilberta_67, Timothy_66, Bud_65, Aneem_67, Flaverint_67, Ebony_66, Hutc2_65, Wolpertinger_64, Orange_65, Mabel_66, Sham4_66, Insomnia_67, Lucivia_67, Snape_66, Munch_66, Bowtie_67, Et2Brutus_65, Saskia_66, Fibonacci_66, Mulciber_65, Petersenfast_64
- Track 33 : Kimba_65, Salz_65, Jabith_67, TinyTimmy_66, Joselito_67, Bachome_68, MaCh_66
- Track 34 : Refuge_63
- Track 35 : Zimmer_63
- Track 36 : DarthPhader_63
- Track 37 : Pharaoh_62
- Track 38 : Steamy_62
- Track 39 : Phlei_54
- Track 40 : Jeeves_69, Gail_67
- Track 41 : SororFago_67
- Track 42 : Sunhee_68
- Track 43 : Luchador_68
- Track 44 : Anon_68
- Track 45 : Elle_64
- Track 46 : Lucyedi_67, EagleEye_68
- Track 47 : 40AC_66
- Track 48 : MyraDee_64
- Track 49 : Kimona_60

- Track 50 : AN9_70, VC3_69, ANI8_70, C3_63
- Track 51 : Herbertwm_62
- Track 52 : Flare16_65, Gratitude_63, HarryHoudini_66, Equemioh13_65, Sknot_65, Baehexic_64, Drake55_67, Centaur_66, Piro94_65, Updawg_66, MiculUcigas_65, WideWale_66, Terrific_66, NaSiaTalie_65
- Track 53 : Changeling_65
- Track 54 : L5_63, TipsytheTRex_65, Koduck_67, Jsquared_69
- Track 55 : Tristan_63, Jaan_65, Bactobuster_62
- Track 56 : Kerberos_68, Tomathan_68, D32_67, StarStuff_68, Duplo_68, Pomar16_67, Travvers_67, Naji_68
- Track 57 : Caraxes_68, Superchunk_67, Odin_66
- Track 58 : ArcherNM_60
- Track 59 : NothingSpecial_63
- Track 60 : Trixie_64
- Track 61 : BiancaTri92_67, Leogania_67
- Track 62 : EvilGenius_67, KingCyrus_67, ChipMunk_68
- Track 63 : Benvolio_63, Echild_66
- Track 64 : QueenBeesly_66, Georgie2_67, SnapTap_66, Crucio_66, SweetiePie_66, Power_65, FiringLine_66
- Track 65 : SemperFi_67
- Track 66 : Anselm_67, Retro23_67, Heffalump_65
- Track 67 : Loser_68
- Track 68 : Malec_64, Larenn_63
- Track 69 : Trooper_66
- Track 70 : Iwokeuplikedis_67
- Track 71 : Colin_64
- Track 72 : NicoleTera_64
- Track 73 : IronMan_64
- Track 74 : MissWhite_66
- Track 75 : Dalmatian_67, DudeLittle_65
- Track 76 : Adzzy_69
- Track 77 : CRB1_68, LadyBird_70, AN3_68, Buggy_68, Leviathan_68, VA6_66, 20ES_68, Deloris_66, First_0067, BengiVuitton_66, Dignity_68
- Track 78 : Agape74_68, AbbyPaige_68, Jerm_68, Whabigail7_67, Smeagan_69, Turbido_67, LilTurb_67
- Track 79 : AnnaL29_67, RedRock_67
- Track 80 : Pukovnik_63
- Track 81 : Acolyte_59
- Track 82 : Ph8s_69, Che12_69
- Track 83 : ForesterFrank_62
- Track 84 : Rachaly_63, BobSwaget_60, Miko_61
- Track 85 : Serenity_69
- Track 86 : TarsusIV_63
- Track 87 : HippoHollow_65, LionsBait_67
- Track 88 : QueenB2_65
- Track 89 : SwirlSquare_72
- Track 90 : Prudy_60
- Track 91 : EZMoney23_63
- Track 92 : JoshKayV_67
- Track 93 : GaugeLDP_62
- Track 94 : Lokk_61
- Track 95 : XianYue_63
- Track 96 : Fameo_66

- Track 97 : Quokka_67, Bradman_68, MajorMajor_67
- Track 98 : Landor_65
- Track 99 : WeiHuaDA_67
- Track 100 : BabyBack_63
- Track 101 : Phaded_63
- Track 102 : DeerParkTS_63
- Track 103 : Kalpine_65
- Track 104 : Kinmap_66
- Track 105 : Chargerpower_63
- Track 106 : Lilith_67, Vix_66, GtownJaz_68, P28Green_69, Malinsilva_70, Phoxy_68, LBerry_69, Spike509_68, Mainiac_68, Grub_68, Cullens_68, Beauxregard13_67, Sabia_68, Gwennie_65, Penny1_68, Watson_67, Dieselweasel_69, EpicPhail_69, MarQuardt_68, Marie_66, MoneyMay_67, Iowa_67, JHC117_66, Tiffany_67, JenCasNa_69, Grif_68, Montavir_65, Microwolf_66, Taurus_69, Sabinator_66, Fernando_68, LarryKay_68, PotatoSplit_69, Grum1_67, LugYA_71
- Track 107 : Popcicle_64, QuinnKiro_63, Veracruz_62, Caviar_64, Panamaxus_62, Lambert1_64, Margo_64, Todacoro_64, Hookmount_64, Noella_64, EtoileNova_63, Pocahontas_64, Texage_62, Norbert_61, ResDef_63
- Track 108 : JeppNRM_69, Pawn_68, Heliosoles_67, Manu_68, ACFishhook_66, Gemma_67, Kalnoky_69, HaveUMetTed_69, OlanP_67, Groupthink_69, Reba_68, Calvinny_67, Marius_69, PhishRPhriends_66, Kalb97_69, PurpleHaze_68, Phranny_69
- Track 109 : Stagni_67, GingkoMaracino_68, Ollie_68, Methuselah_63, AgronaGT15_67, Rummer_67, MuchMore_71, Bxz2_63, Aglet_69, Soshari_70, MadMarie_68, Bigflo_67, Zetzy_67, AugsMagnumOpus_71, StepMih_67, Farber_68
- Track 110 : HashRod_69, KADY_67, BuzzBuzz_64
- Track 111 : Phantastic_66, BabyJohn_60, Chiqui_60
- Track 112 : Rockstar_63, MK4_65, B1_57, MA5_65, JF4_63, JF2_63
- Track 113 : Wooldri_70, Anubis_71
- Track 114 : Jobu08_66
- Track 115 : Fred313_63, Kachowdy_63, Zarafa_63, Heathen_65, HelDan_64, Marchesa_63, Scout_64, DropBear_63
- Track 116 : Isca_63
- Track 117 : Louie6_67
- Track 118 : Bugatti_65, Clammy_65, Giroux_67, Idleandcovert_65, SaturnRing_65, Pistachio_65, Puppy_65, TNguyen7_66, BlueBird_67
- Track 119 : Daishi_67, PGHhamlin_70, BreSam8_68, Snickers_68, Pembroke_68, DaHudson_67, Phoebe_69, Hercules11_68, Colbster_66, SoYo_67
- Track 120 : SoilDragon_68
- Track 121 : TinyPebbles_67, Misomonster_69
- Track 122 : BabyRay_65
- Track 123 : Kingmustik0402_62, LochMonster_63, BellusTerra_63, Burger_60, Eros_62, Romney_61, MeeZee_61, Obama12_63, Peaches_60, Deano_60, Alberto7_63, Kyee_62, ChampagnePapi_64, LHTSCC_64, Scamp_62, ICleared_61, LittleB_62, Druantia_61, Ulysses_61, Chaph_62, Pipcraft_59, Citius_62, Arturo_60, Caelakin_61, Spino_61, Kampy_61, Lunsford_63, Cerulean_63, OKaNui_62, PeterPeter_62, Mazhar510_62, Happiness_61, Mayonnaise_60, TroyPia_63, Koan_59, Taquarus_61, Huxley_60, Commander_61, Bartimeaus_62, Lorenzo_62, Wizard007_61, YoSam321_62, Eurydice_63, Holli_61, Sultana_62, KekoraPapaka_60, Albee_62, Maxo_63, RockieBear_60, Wilbur_62, Skipitt_61, LeoAvram_61, Blackmoor_61, TiroTheta9_61, NorthStar_60, Melvin_64, Sparxx_63, BangNhom_61, SteMason_59, Nebs_63, Phelipe_63, Broseidon_62, Koreni_61,

SheldonCooper_62, Gadost_62, NotAPhaseMom_61, Annyong_61, CentreCat_62, Relief_61, Jaykayelowell_59, Baby16_62, Tinybot_61, LappelDuVide_62, Morrow_63, TygerBlood_62, DirtyDunning_61, Houdini22_61, Iceman_62, Pumbaa_62, Roosevelt_60, JetBlade_62, Ruin_62, Florean_62, Nemo27_61, SenorClean_62, Dhanush_62, Ohfah_63, Rosa24_60
 • Track 124 : Cindaradix_57, Mundrea_60, AvatarAhPeg_59, Cintron_62, Miramae_59, Shygu2_60, Stink_59
 • Track 125 : Kremtemulon_62
 • Track 126 : Eris_61
 • Track 127 : AbbysRanger_60, Katalie136_60, Badger_59, PetiteSangsue_60, Bumblebee11_59, Xena_59, Morpher26_60, Cici_60, Datway_60, Backyardigan_58, Perplexer_60
 • Track 128 : Medusa_62, LittleGuy_62, Sabertooth_62, Flux_62, Maverick_61, Shaka_60, Cocoaberry_62, Avle17_62, Nyxis_61
 • Track 129 : Eapen_62
 • Track 130 : KFPoly_61, Palestino_61, Camperdownii_60, Phighter1804_62, Kratark_61, Funston_61, Bruiser_61, HamSlice_59, JoongJeon_61, Millski_61, Clarenza_61, Phacado_62, Thanksgivukkah_61, Lemur_62, Iracema64_63, Wander_62, BubbleTrouble_61, TinaFeyge_60, Abdiel_62, Bombshell_62
 • Track 131 : Connomayer_62
 • Track 132 : Phontbonne_62
 • Track 133 : Achebe_59
 • Track 134 : Eagle_61
 • Track 135 : Noelle_61
 • Track 136 : Polymorphads_63
 • Track 137 : Stasia_60
 • Track 138 : Wile_60
 • Track 139 : Benedict_61
 • Track 140 : Airmid_58
 • Track 141 : Chadwick_60
 • Track 142 : PetterN_63, Scorpio_62
 • Track 143 : Jabiru_59
 • Track 144 : Naca_58
 • Track 145 : ElTiger69_60
 • Track 146 : Blue7_68, Jeffabunny_67, Temprado_68, Artemis2UCLA_67, WunderPhul_67, CloudWang3_68, Lilbunny_66, BennyP_66, Wiks_66, Helmet_69, Rifter_67, Zaka_67, Koko_69, Yokurt_66, Garak_68, BlessJoy_67, Indra_70, Zulu_68, ToneTone_64
 • Track 147 : Hammer_67, Tucker_67, Gruunaga_67, Roksolana_68
 • Track 148 : Cookiedough_66, Blinn1_69, Priamo_68, GreedyLawyer_63, SuperAwesome_66, JewelBug_66, Chartreuse_65, VohminGhazi_66, Polyphemus_68, Neeharika16_65, Candra_64, Pmask_65, BABullseye_59, Isiphiwo_64, Newrala_66, Hoot_61, EricB_65, DaVinci_64, McFly_66, SmellyB_66, Kazan_67, SuperCallie99_63, Kipper29_66
 • Track 149 : Gladiator_64
 • Track 150 : Hexamo_67
 • Track 151 : Dorothea_66, Jordennis_65
 • Track 152 : FlyCatcher_67, Sheen_65, Toro_65
 • Track 153 : Timshel_65
 • Track 154 : DroogsArmy_61
 • Track 155 : HINdeR_62
 • Track 156 : PP_67
 • Track 157 : BogosyJay_67, Maminiaina_67

- Track 158 : Ayanochan_66, Jiawan_65, ExplosioNervosa_66, Hanray_66, Spouty_66, Eidsmoe_66, Halex_66, Priya_66, EmyBug_65, Alma_66, Fayely_66, Qobbit_66, Conquerage_66
- Track 159 : Lilleskat_64, Tubs_68, Beemo_69, Catalina_70, RyeScarlet_70, EdogawaKiddo_66, Onglai_66, PackMan_67, Myxus_68, HortumSL17_69, Aliter_69, Sachima_64, Pioneer_69, Phonnegut_69, Phaeder_68
- Track 160 : Vanisoa_66
- Track 161 : Celestialunch_64, MegTheThird_64
- Track 162 : Bellris_64, CogOmlette_64, WorldCup_64, Elephantoon_66, Minispark_64, Rahalelujah_66
- Track 163 : Scherzo_68, Ugenie5_64
- Track 164 : Toaka_67
- Track 165 : Yecey3_69
- Track 166 : Keziacharles14_66
- Track 167 : LoneWolf_68
- Track 168 : Charm_64, DreamTeam1_64
- Track 169 : SheaKeira_63
- Track 170 : Arissanae_65
- Track 171 : Darrell_69
- Track 172 : DrSeegs_98
- Track 173 : OverPar_101, Vetrix_97, GuuelaD_96, Netyap_98, MkaliMitinis3_101, Lewan_100, BobsGarage_98, LilDestine_97, Faith1_99, Itos_99, Loadrie_98, BigCheese_99, Kahlid_98, Nicholasp3_99, Finemlucis_100, Underpass_91, Rumpelstiltskin_95, Lynnae_100, Wigglewiggle_99, Zakai_100, Gabriela_99, SoJulia_101, Gardann_99
- Track 174 : DHan_102, Claus_98, ZhongYanYuan_96, Hafay_100
- Track 175 : Miley16_99, Breezona_99, Winky_99
- Track 176 : Sarshaun_100, Soap141_99
- Track 177 : Archie_96, Bazzle_96, Crossroads_99
- Track 178 : Rossetti_99
- Track 179 : Baoshan_96
- Track 180 : Wilder_100
- Track 181 : DanBing_98
- Track 182 : Tourach_100
- Track 183 : Kingsolomon_94, Jubie_95, Nicholas_94, Finnry_96, Lumos_96, Snenia_95, Jobypre_96, MsGreen_96, Samty_95, TriFive_97, Clautastrophe_94, Bellis_96, Moostard_93, Red305_97
- Track 184 : KirDoubleO7_94, LiyuLake_95, BourbonZero_97, Ellson_95, MiniLon_101, DuncansLeg_97, Lolly9_96
- Track 185 : Krypton555_99, Whirlwind_98
- Track 186 : MiniMac_101
- Track 187 : BrainDrainer_101, Douzhi_100, FarmResident_101
- Track 188 : ChutneyChips_101
- Track 189 : Chaser_99
- Track 190 : Bromden_100
- Track 191 : Kropertea_95
- Track 192 : PYPDinur_100, Sheng711_101
- Track 193 : Quby_100
- Track 194 : Douge_100
- Track 195 : DyoEdafos_103
- Track 196 : Baudelaire_107, Aegeus_107

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

The start number called the most often in the published annotations is 50, it was called in 173 of the 782 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 20ES_68, AN3_68, AN9_70, ANI8_70, AbbyPaige_68, Acolyte_59, Adzzy_69, Agape74_68, Alifer_69, Alma_66, AnnaL29_67, Anselm_67, ArcherNM_60, Arissanae_65, Artemis2UCLA_67, Ayanochan_66, BABullseye_59, Baehexic_64, Beemo_69, Bellris_64, BengiVuitton_66, BennyP_66, Benvolio_63, BiancaTri92_67, BlessJoy_67, Blinn1_69, Blue7_68, BobSwaget_60, BogosyJay_67, Bradman_68, Buggy_68, C3_63, CRB1_68, Candra_64, Caraxes_68, Catalina_70, Centaur_66, Changeling_65, Chargerpower_63, Chartreuse_65, Che12_69, ChipMunk_68, CloudWang3_68, CogOmlette_64, Colin_64, Conquerage_66, Cookiedough_66, Crucio_66, D32_67, DaVinci_64, Dalmatian_67, Darrell_69, DarthPhader_63, DeerParkTS_63, Deloris_66, Dignity_68, Dorothea_66, Drake55_67, DudeLittle_65, Duplo_68, EZMoney23_63, Echild_66, EdogawaKiddo_66, Eidsmoe_66, Elephantoon_66, EmyBug_65, Equemioh13_65, EricB_65, EvilGenius_67, ExplosioNervosa_66, Fameo_66, Fayely_66, FiringLine_66, First_0067, Flare16_65, ForesterFrank_62, Gail_67, Garak_68, Georgie2_67, Gratitude_63, GreedyLawyer_63, Gruunaga_67, Hammer_67, Hanray_66, HarryHoudini_66, Heffalump_65, Helmet_69, Herbertwm_62, HippoHollow_65, Horex_66, Hoot_61, HortumSL17_69, Indra_70, Isiphiwo_64, Jeeves_69, Jeffabunny_67, Jerm_68, JewelBug_66, Jiawan_65, Jordennis_65, JoshKayV_67, Jsquared_69, Kalpine_65, Kazan_67, Kerberos_68, KingCyrus_67, Kinmap_66, Kipper29_66, Koduck_67, Koko_69, L5_63, LadyBird_70, Leogania_67, Leviathan_68, LiTurb_67, Lilbunny_66, Lilleskat_64, LionsBait_67, Lokk_61, LoneWolf_68, Loser_68, Luchador_68, MajorMajor_67, Maminiaina_67, McFly_66, MiculUcigas_65, Miko_61, Minispark_64, MissWhite_66, Myxus_68, NaSiaTalie_65, Naji_68, Neeharika16_65, Newrala_66, NicoleTera_64, NothingSpecial_63, Odin_66, Onglai_66, PackMan_67, Ph8s_69, Phaeder_68, Pharaoh_62, Phonnegut_69, Pioneer_69, Piro94_65, Pmask_65, Polyphemus_68, Pomar16_67, Power_65, Priamo_68, Priya_66, Prudy_60, Qobbit_66, QueenB2_65, QueenBeesly_66, Quokka_67, Rachaly_63, Rahalelujah_66, RedRock_67, Refuge_63, Retro23_67, Rifter_67, Roksolana_68, RyeScarlet_70, Sachima_64, Scherzo_68, SemperFi_67, Sknot_65, Smeagan_69, SmellyB_66, SnapTap_66, SororFago_67, Spouty_66, StarStuff_68, Steamy_62, Sunhee_68, SuperAwesome_66, SuperCallie99_63, Superchunk_67, SweetiePie_66, SwirlSquare_72, TarsusIV_63, Temprado_68, Terrific_66, TipsytheTRex_65, Toaka_67, Tomathan_68, ToneTone_64, Travvers_67, Trixie_64, Trooper_66, Tubs_68, Tucker_67, Turbido_67, Ugenie5_64, Updawg_66, VA6_66, VC3_69, Vanisoa_66, VohminGhazi_66, WeiHuaDA_67, Whabigail7_67, WideWale_66, Wiks_66, WorldCup_64, WunderPhul_67, XianYue_63, Yokurt_66, Zaka_67, Zimmer_63, Zulu_68,

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

- Charm_64, DreamTeam1_64, Gladiator_64, Hexamo_67, Serenity_69,

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

- 40AC_66, A6_52, ACFishhook_66, AFIS_55, AbbysRanger_60, Abbysshoes_61, Abdiel_62, Abrogate_570, Achebe_59, Acme_59, Adahisdi_58, Aegeus_107, Aeneas_61, Agaliana_53, Aglet_69, AgronaGT15_67, Airmid_58, Ajay_59, Albee_62, Alberto7_63, Aldrich_56, Alsfro_63, Altman_61, Alvin_57, Aneem_67, Anglerfish_59,

Annyong_61, Anon_68, Anubis_71, Applejack_53, Arcanine_60, Archie_96, Arlo_56, Arturo_60, Ashballer_61, Atkinbua_62, AugsMagnumOpus_71, AvatarAhPeg_59, Avle17_62, B1_57, BK1_52, BPBiëbs31_60, Baby16_62, BabyBack_63, BabyJohn_60, BabyRay_65, Bachome_68, Backyardigan_58, BaconJack_63, Bactobuster_62, Badger_59, BangNhom_61, Baoshan_96, Barriga_59, BarrowTuph_59, Bartimeaus_62, Baudelaire_107, Bazzle_96, Beatrix_58, Beauxregard13_67, BeesKnees_61, Bellis_96, BellusTerra_63, Benedict_61, Bethlehem_58, Bexan_56, Big3_57, BigCheese_99, BigMau_60, BigPaolini_57, Bigchung_58, Bigflo_67, Bigfoot_52, BillKnuckles_56, Bircsak_57, Blackflame_55, Blackmoor_61, Blessor_55, BluSpix_56, BlueBird_67, Blue_57, Bob3_57, BobsGarage_98, Bombshell_62, Bones_58, BourbonZero_97, Bowtie_67, BrainDrainer_101, BreSam8_68, Breezona_99, Briton15_62, Bromden_100, Broseidon_62, Bruiser_61, Bruns_57, BubbleTrouble_61, Bud_65, Bugatti_65, Bumblebee11_59, Burger_60, Burton_58, Buttons_56, BuzzBuzz_64, Bxb1_53, Bxz2_63, CactusRose_56, Caelakin_61, Calvinny_67, Camperdownii_60, Carlyle_57, CartmannCramer_57, CatBus_56, Caviar_64, Celestiallunch_64, CentreCat_62, Cerulean_63, Chadwick_60, ChampagnePapi_64, Chanagan_54, Chaph_62, Chaser_99, Chiqui_60, ChristmasHams_52, Chupacabra_60, ChutneyChips_101, Ciao_57, Cici_60, Cindaradix_57, Cintron_62, Citius_62, Clammy_65, Clarenza_61, Claus_98, Clautastrophe_94, Cocoaberry_62, Colbster_66, Commander_61, ConceptII_61, Connomayer_62, Corvo_59, Crispicous1_55, Crossroads_99, Cueyllyss_59, Cullens_68, DD5_57, DHan_102, DaHudson_67, Daishi_67, DanBing_98, Datway_60, Deano_60, Dexes_58, Dhanush_62, Dieselweasel_69, DirtyDunning_61, DontArgue_58, Doom_56, Douge_100, Douzhi_100, DrFeelGood_56, DrSeegs_98, Drake94_59, DreamCatcher_62, Dreamboat_59, DroogsArmy_61, DropBear_63, Druantia_61, Dulcie_58, DuncansLeg_97, Dussy_60, DustyMartin_64, Dynamix_60, DyoEdafos_103, EagleEye_68, Eagle_61, Eaglepride_62, Eapen_62, Ebony_66, Edison31_58, Edtherson_57, EITiger69_60, Elle_64, Ellison_95, EnzoK_58, EpicPhail_69, Eris_61, Eros_62, Espresso_57, Et2Brutus_65, EtoileNova_63, Euphoria_56, Eurydice_63, Eyeball_59, Faith1_99, Fajezeel_59, Farber_68, FarmResident_101, Fascinus_54, Fenn_61, Fernando_68, Fibonacci_66, Finemlucis_100, Finnry_96, Flaverint_67, Florean_62, Flux_62, FlyCatcher_67, Forsytheast_57, Francis47_57, Fred313_63, Froghopper_55, Funston_61, Fushigi_55, GMonster_55, Gabriela_99, Gachnar_57, Gadost_62, GageAP_59, Gandalf20_61, Gardann_99, GaugeLDP_62, Gemma_67, Gilberta_67, GingkoMaracino_68, Giroux_67, Gompeii16_57, Goose_62, Graduation_62, GrecoEtereo_58, Greg_59, Grif_68, GroundGoblin_57, Groupthink_69, Grub_68, Grum1_67, GtownJaz_68, GuuelaD_96, Gwendoluna_61, Gwennie_65, Gyzlar_54, HINdeR_62, Hafay_100, HamSlice_59, Hami1_53, HanShotFirst_59, Happiness_61, HarryOW_57, HashRod_69, HaveUMetTed_69, Heathen_65, HelDan_64, Helioles_67, Hercules11_68, Hermia_58, HermioneGrange_59, Holli_61, Homines_50, Hookmount_64, Hope4ever_60, Houdini22_61, Hutc2_65, Huxley_60, ICleared_61, ILeeKay_61, Iceman_62, Ichabod_62, Idleandcovert_65, IgnatiusPatJac_58, Insomnia_67, Inyanga_53, Iqorha_53, Iracema64_63, IronMan_64, Isca_63, Itos_99, Iwokeuplikedis_67, JC27_61, JF2_63, JF4_63, JHC117_66, Jaan_65, Jabiru_59, Jabith_67, JackSparrow_61, Jasper_59, Jaykayelowell_59, JenCasNa_69, JeppNRM_69, Jerm2_59, JetBlade_62, Jobu08_66, Jobypre_96, JoongJeon_61, Jorgensen_59, Joselito_67, Jubie_95, JuliaChild_59, KADY_67, KBG_59, KFPoly_61, KSSJEB_58, Kachowdy_63, Kahlid_98, Kalb97_69, Kalnoky_69, Kamy_61, Kanely_60, Katalie136_60, KekoraPapaka_60, Kenmech_63, Keziacharles14_66, KikiBouba_57, Killigrew_58, Kimba_65, Kimona_60, Kingmustik0402_62, Kingsolomon_94, KirDoubleO7_94, KittenMittens_58, Koan_59, Koreni_61, Kratark_61, Kremtemulon_62, Kristoff_61,

Kropertea_95, Krypton555_99, Kugel_58, KyMonks1A_61, Kyee_62, Kykar_58, LBerry_69, LHTSCC_64, Lambert1_64, Lamina13_60, Landor_65, LappelDuVide_62, Larenn_63, LarryKay_68, Lemur_62, LeoAvram_61, Lesedi_54, Levia_56, Lewan_100, Licorice_60, LilBib_58, LilDestine_97, Lilith_67, LittleB_62, LittleGuy_62, LiyuLake_95, Loadrie_98, LochMonster_63, Lockley_56, Lolly9_96, Lopton_58, Lorenzo_62, Louie6_67, Lowa_67, Lucivia_67, Lucyedi_67, LugYA_71, Lumos_96, LunarLander_59, Lunsford_63, Lynnae_100, MA5_65, MK4_65, MPlant7149_57, MaCh_66, Mabel_66, MadMarie_68, Magnar_56, Magnito_57, Mainiac_68, Makemake_59, Malec_64, Malinsilva_70, Manatee_59, Manu_68, MarQuardt_68, Marcell_55, Marchesa_63, Marchy_53, Marco3_62, Marge_57, Margo_64, Marie_66, Marius_69, Maroc7_56, Marsha_57, MaryBeth_57, Maverick_61, Maxo_63, Mayonnaise_60, Mazhar510_62, McGuire_60, McSinger_58, Medusa_62, MeeZee_61, MegTheThird_64, Melvin_64, MetalQZJ_56, Methuselah_63, Michley_58, Microwolf_66, Miley16_99, MilleFeuille_53, Millski_61, MiniLon_101, MiniMac_101, Miramae_59, Misomonster_69, MkaliMitinis3_101, Mkhuseleli_56, Molly_59, Monet_61, MoneyMay_67, Montavir_65, Moose_57, Moostard_93, Morpher26_60, Morrow_63, MrGordo_58, Mryolo_55, MsGreen_96, MuchMore_71, Mulciber_65, Mule_56, Munch_66, Mundrea_60, Museum_59, MyraDee_64, NEHalo_56, Naca_58, Naira_61, Nebs_63, Nemo27_61, Nerujay_60, Netyap_98, Nhonho_57, Nicholas_94, Nicholasp3_99, Niza_60, Noella_64, Noelle_61, Norbert_61, NorthStar_60, Norz_59, NotAPhaseMom_61, Noxious_56, Nyxis_61, OKCentral2016_60, OKaNui_62, Obama12_63, Ohfah_63, Ohno789_59, OlanP_67, Ollie_68, Oogway_57, Orange_65, OverPar_101, P28Green_69, PGHhamlin_70, PP_67, PSullivan_58, PYPDinur_100, PacerPaul_58, Palestino_61, Panamaxus_62, Papez_61, Paphu_57, Paraselene_56, Pari_61, Parliament_58, PascalRango_58, PattyP_60, Pawn_68, Payneful_58, PeaceMeal1_59, Peaches_60, Pelly_58, Pembroke_68, Penny1_68, Pepe_55, Perplexer_60, Perseus_58, PeterPeter_62, Petersenfast_64, Peterson_62, PetiteSangsue_60, Petp2012_59, Petrushio_57, PetterN_63, Phacado_62, Phaded_63, Phantastic_66, Felipe_63, PherrisBueller_57, Phighter1804_62, PhineBark_58, PhishRPhriends_66, Phlei_54, Phlippers_56, Phoebe_69, Phontbonne_62, Phoxy_68, Phranny_69, PhrostyMug_58, PinkPlastic_58, Pinto_59, Pipcraft_59, Pippin_59, Pistachio_65, Pita2_61, Pocahontas_64, Polymorphads_63, Poompha_59, Popcicle_64, PotatoSplit_69, PowerRanger_56, ProMouse_58, Pukovnik_63, Pumbaa_62, Puppet_57, Puppy_65, PurpleHaze_68, QTRLifeCrisis_58, Quby_100, QuinnKiro_63, Raid_57, Rajelicia_59, Reba_68, Rebeuca_62, Red305_97, Relief_61, ResDef_63, RhynO_61, Rhynn_56, RidgeCB_58, Ringer_58, RockieBear_60, Rockstar_63, Rohr_59, Romney_61, Roosevelt_60, Rosa24_60, Rossetti_99, Rowdy_64, Rubeus_58, Rufus_59, Ruin_62, Rummer_67, Rumpelstiltskin_95, Ruotula_61, Rutherferd_59, STLscum_61, Sabertooth_62, Sabia_68, Sabinator_66, Sagefire_60, Salz_65, Samty_95, Sandaddy_55, Sanya_54, SarFire_55, Sarshaun_100, Saskia_66, SaturnRing_65, Scamp_62, Scorpia_62, Scout_64, Scowl_59, Seabiscuit_62, Seanderson_58, SeniorClean_62, Severus_59, Shaka_60, Sham4_66, Shapes_64, SheaKeira_63, Sheen_65, SheldonCooper_62, Sheng711_101, ShortQueendom_51, Shygu2_60, Sibs6_60, SkiPole_63, Skipitt_61, Slagathor_60, Smairt_61, Smeagol_60, Snape_66, Snazzy_57, Snenia_95, Snickers_68, SoJulia_101, SoYo_67, Soap141_99, SoilDragon_68, Solon_56, Sorpresa_56, Soshari_70, Sparxx_63, Spike509_68, SpikeBT_57, Spino_61, Squee_59, Stagni_67, Stasia_60, SteMason_59, StepMih_67, StewieG_55, Stink_59, StrongArm_57, Sultana_62, Sumter_54, Sunshine924_60, SwissCheese_59, Switzer_59, Swole_59, TNguyen7_66, Taquarus_61, Target_59, Tasp14_61, Taurus_69, Teodoridan_56, Texage_62, Thanksgivukkah_61, TheloniousMonk_59, Thor_55, Tiffany_67, Timothy_66, Timshel_65, TinaFeyge_60, TinyPebbles_67, TinyTimmy_66, Tinybot_61,

TiroTheta9_61, Todacoro_64, Topanga_58, Topgun_57, Toro_65, Tote_54, Tourach_100, Traft412_61, Treddle_59, TriFive_97, Trike_58, Tripl3t_60, Tristan_63, Trouble_60, TroyPia_63, Turj99_56, Twister_60, TwoPeat_60, TygerBlood_62, U2_57, Ulysses_61, Underpass_91, Veracruz_62, Vetrix_97, Violet_56, Vix_66, WalterMcMickey_60, Wander_62, Watermelon_59, Watson_67, Wheeler_58, Whirlwind_98, Whitspit_55, Wigglewiggle_99, Wilbur_62, Wilder_100, Wile_60, Wilkins_57, Winky_99, Wizard007_61, Wolpertinger_64, Wooldri_70, Xena_59, Yecey3_69, YoSam321_62, Zakai_100, Zarafa_63, Zeeculate_56, Zephyr_59, Zetzy_67, Zeuska_57, ZhongYanYuan_96,

Summary by start number:

Start 33:

- Found in 8 of 905 (0.9%) of genes in pham
- Manual Annotations of this start: 1 of 782
- Called 12.5% of time when present
- Phage (with cluster) where this start called: DroogsArmy_61 (A7),

Start 34:

- Found in 8 of 905 (0.9%) of genes in pham
- Manual Annotations of this start: 1 of 782
- Called 12.5% of time when present
- Phage (with cluster) where this start called: Phaded_63 (A2),

Start 35:

- Found in 17 of 905 (1.9%) of genes in pham
- Manual Annotations of this start: 8 of 782
- Called 47.1% of time when present
- Phage (with cluster) where this start called: Airmid_58 (A5), Benedict_61 (A5), Chadwick_60 (A5), ElTiger69_60 (A5), Jabiru_59 (A5), Naca_58 (A5), PetterN_63 (A5), Scorpia_62 (A5),

Start 37:

- Found in 171 of 905 (18.9%) of genes in pham
- Manual Annotations of this start: 21 of 782
- Called 12.3% of time when present
- Phage (with cluster) where this start called: Abdiel_62 (A4), Achebe_59 (A4), Bombshell_62 (A4), Bruiser_61 (A4), BubbleTrouble_61 (A4), Camperdownii_60 (A4), Clarenza_61 (A4), Funston_61 (A4), HamSlice_59 (A4), Iracema64_63 (A4), JoongJeon_61 (A4), KFPoly_61 (A4), Kratark_61 (A4), Lemur_62 (A4), Millski_61 (A4), Palestino_61 (A4), Phacado_62 (A4), Phighter1804_62 (A4), Thanksgivukkah_61 (A4), TinaFeyge_60 (A4), Wander_62 (A4),

Start 38:

- Found in 97 of 905 (10.7%) of genes in pham
- Manual Annotations of this start: 3 of 782
- Called 3.1% of time when present
- Phage (with cluster) where this start called: Gladiator_64 (A6), Hexamo_67 (A6), Serenity_69 (A2),

Start 40:

- Found in 2 of 905 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 782

- Called 50.0% of time when present
- Phage (with cluster) where this start called: PP_67 (A7),

Start 41:

- Found in 259 of 905 (28.6%) of genes in pham
- Manual Annotations of this start: 25 of 782
- Called 9.7% of time when present
- Phage (with cluster) where this start called: Anubis_71 (A3), Avle17_62 (A4), BreSam8_68 (A3), Cocoaberry_62 (A4), Colbster_66 (A3), DaHudson_67 (A3), Daishi_67 (A3), Eris_61 (A4), Flux_62 (A4), Hercules11_68 (A3), LittleGuy_62 (A4), Maverick_61 (A4), Medusa_62 (A4), Misomonster_69 (A3), Nyxis_61 (A4), PGHhamlin_70 (A3), Pembroke_68 (A3), Phoebe_69 (A3), Sabertooth_62 (A4), Shaka_60 (A4), Snickers_68 (A3), SoYo_67 (A3), SoilDragon_68 (A3), TinyPebbles_67 (A3), Wooldri_70 (A3),

Start 47:

- Found in 6 of 905 (0.7%) of genes in pham
- Manual Annotations of this start: 3 of 782
- Called 83.3% of time when present
- Phage (with cluster) where this start called: BabyBack_63 (A2), FlyCatcher_67 (A7), HINdeR_62 (A7), Sheen_65 (A7), Toro_65 (A7),

Start 48:

- Found in 68 of 905 (7.5%) of genes in pham
- Manual Annotations of this start: 56 of 782
- Called 98.5% of time when present
- Phage (with cluster) where this start called: 40AC_66 (A17), Aneem_67 (A11), Bachome_68 (A11), Bactobuster_62 (A2), Bowtie_67 (A11), Bud_65 (A11), Chupacabra_60 (A10), DontArgue_58 (A10), Drake94_59 (A10), DustyMartin_64 (A10), EagleEye_68 (A16), Eaglepride_62 (A10), Ebony_66 (A11), Edison31_58 (A10), Elle_64 (A15), Et2Brutus_65 (A11), Fibonacci_66 (A11), Flaverint_67 (A11), GaugeLDP_62 (A2), Gilberta_67 (A11), Goose_62 (A10), Hutc2_65 (A11), Insomnia_67 (A11), IronMan_64 (A2), Iwokeupliedis_67 (A2), Jaan_65 (A2), Jabith_67 (A11), Joselito_67 (A11), Kimba_65 (A11), Kimona_60 (A19), KittenMittens_58 (A10), Kristoff_61 (A10), Landor_65 (A2), Larenn_63 (A2), Lucivia_67 (A11), Lucyedi_67 (A16), MaCh_66 (A11), Mabel_66 (A11), Malec_64 (A2), Mulciber_65 (A11), Munch_66 (A11), OKCentral2016_60 (A10), Orange_65 (A11), PeaceMeal1_59 (A10), Petersenfast_64 (A11), Phlei_54 (A13), Poompha_59 (A10), Pukovnik_63 (A2), Rebeuca_62 (A10), RhynO_61 (A10), Rowdy_64 (A10), Salz_65 (A11), Saskia_66 (A11), Severus_59 (A10), Sham4_66 (A11), Shapes_64 (A10), Snape_66 (A11), Timothy_66 (A11), Timshel_65 (A7), TinyTimmy_66 (A11), Topanga_58 (A10), Trike_58 (A10), Tristan_63 (A2), Twister_60 (A10), WalterMcMickey_60 (A10), Wolpertinger_64 (A11), Yecey3_69 (A9),

Start 50:

- Found in 216 of 905 (23.9%) of genes in pham
- Manual Annotations of this start: 173 of 782
- Called 97.7% of time when present
- Phage (with cluster) where this start called: 20ES_68 (A2), AN3_68 (A2), AN9_70 (A2), ANI8_70 (A2), AbbyPaige_68 (A2), Acolyte_59 (A2), Adzzy_69 (A2), Agape74_68 (A2), Aliter_69 (A9), Alma_66 (A9), AnnaL29_67 (A2), Anselm_67 (A2), ArcherNM_60 (A2), Arissanae_65 (A9), Artemis2UCLA_67 (A6), Ayanochan_66 (A9), BABullseye_59 (A6), Baehexic_64 (A2), Beemo_69 (A9), Bellris_64 (A9),

BengiVuitton_66 (A2), BennyP_66 (A6), Benvolio_63 (A2), BiancaTri92_67 (A2),
 BlessJoy_67 (A6), Blinn1_69 (A6), Blue7_68 (A6), BobSwaget_60 (A2),
 BogosyJay_67 (A9), Bradman_68 (A2), Bugsy_68 (A2), C3_63 (A2), CRB1_68 (A2),
 Candra_64 (A6), Caraxes_68 (A2), Catalina_70 (A9), Centaur_66 (A2),
 Changeling_65 (A2), Chargerpower_63 (A22), Chartreuse_65 (A6), Che12_69 (A2),
 ChipMunk_68 (A2), CloudWang3_68 (A6), CogOmlette_64 (A9), Colin_64 (A2),
 Conquerage_66 (A9), Cookiedough_66 (A6), Crucio_66 (A2), D32_67 (A2),
 DaVinci_64 (A6), Dalmatian_67 (A2), Darrell_69 (A9), DarthPhader_63 (A12),
 DeerParkTS_63 (A2), Deloris_66 (A2), Dignity_68 (A2), Dorothea_66 (A6),
 Drake55_67 (A2), DudeLittle_65 (A2), Duplo_68 (A2), EZMoney23_63 (A2),
 Echid_66 (A2), EdogawaKiddo_66 (A9), Eidsmoe_66 (A9), Elephantoon_66 (A9),
 EmyBug_65 (A9), Equemioh13_65 (A2), EricB_65 (A6), EvilGenius_67 (A2),
 ExplosioNervosa_66 (A9), Fameo_66 (A2), Fayely_66 (A9), FiringLine_66 (A2),
 First_0067 (A2), Flare16_65 (A2), ForesterFrank_62 (A2), Gail_67 (A14), Garak_68
 (A6), Georgie2_67 (A2), Gratitude_63 (A2), GreedyLawyer_63 (A6), Gruunaga_67
 (A6), Hammer_67 (A6), Hanray_66 (A9), HarryHoudini_66 (A2), Heffalump_65 (A2),
 Helmet_69 (A6), Herbertwm_62 (A2), HippoHollow_65 (A2), Horex_66 (A9), Hoot_61
 (A6), HortumSL17_69 (A9), Indra_70 (A6), Isiphiwo_64 (A6), Jeeves_69 (A14),
 Jeffabunny_67 (A6), Jerm_68 (A2), JewelBug_66 (A6), Jiawan_65 (A9),
 Jordennis_65 (A6), JoshKayV_67 (A2), Jsquared_69 (A2), Kalpine_65 (A2),
 Kazan_67 (A6), Kerberos_68 (A2), KingCyrus_67 (A2), Kinmap_66 (A21),
 Kipper29_66 (A6), Koduck_67 (A2), Koko_69 (A6), L5_63 (A2), LadyBird_70 (A2),
 Leogania_67 (A2), Leviathan_68 (A2), LilTurb_67 (A2), Lilbunny_66 (A6), Lilleskat_64
 (A9), LionsBait_67 (A2), Lokk_61 (A2), LoneWolf_68 (A9), Loser_68 (A2),
 Luchador_68 (A14), MajorMajor_67 (A2), Maminiaina_67 (A9), McFly_66 (A6),
 MiculUcigas_65 (A2), Miko_61 (A2), Minispark_64 (A9), MissWhite_66 (A2),
 Myxus_68 (A9), NaSiaTalie_65 (A2), Naji_68 (A2), Neeharika16_65 (A6), Newrala_66
 (A6), NicoleTera_64 (A2), NothingSpecial_63 (A2), Odin_66 (A2), Onglai_66 (A9),
 PackMan_67 (A9), Ph8s_69 (A2), Phaeder_68 (A9), Pharaoh_62 (A12),
 Phonnegut_69 (A9), Pioneer_69 (A9), Piro94_65 (A2), Pmask_65 (A6),
 Polyphemus_68 (A6), Pomar16_67 (A2), Power_65 (A2), Priamo_68 (A6), Priya_66
 (A9), Prudy_60 (A2), Qobbit_66 (A9), QueenB2_65 (A2), QueenBeesly_66 (A2),
 Quokka_67 (A2), Rachaly_63 (A2), Rahalelujah_66 (A9), RedRock_67 (A2),
 Refuge_63 (A12), Retro23_67 (A2), Rifter_67 (A6), Roksolana_68 (A6),
 RyeScarlet_70 (A9), Sachima_64 (A9), Scherzo_68 (A9), SemperFi_67 (A2),
 Sknot_65 (A2), Smeagan_69 (A2), SmellyB_66 (A6), SnapTap_66 (A2),
 SororFago_67 (A14), Spouty_66 (A9), StarStuff_68 (A2), Steamy_62 (A12),
 Sunhee_68 (A14), SuperAwesome_66 (A6), SuperCallie99_63 (A6), Superchunk_67
 (A2), SweetiePie_66 (A2), SwirlSquare_72 (A2), TarsusIV_63 (A2), Temprado_68
 (A6), Terrific_66 (A2), TipsytheTRex_65 (A2), Toaka_67 (A9), Tomathan_68 (A2),
 ToneTone_64 (A6), Travvers_67 (A2), Trixie_64 (A2), Trooper_66 (A2), Tubs_68
 (A9), Tucker_67 (A6), Turbido_67 (A2), Ugenie5_64 (A9), Updawg_66 (A2), VA6_66
 (A2), VC3_69 (A2), Vanisoa_66 (A9), VohminGhazi_66 (A6), WeiHuaDA_67 (A2),
 Whabigail7_67 (A2), WideWale_66 (A2), Wiks_66 (A6), WorldCup_64 (A9),
 WunderPhul_67 (A6), XianYue_63 (A2), Yokurt_66 (A6), Zaka_67 (A6), Zimmer_63
 (A12), Zulu_68 (A6),

Start 52:

- Found in 70 of 905 (7.7%) of genes in pham
- Manual Annotations of this start: 51 of 782
- Called 78.6% of time when present
- Phage (with cluster) where this start called: Aglet_69 (A3), AgronaGT15_67 (A3),
 AugsMagnumOpus_71 (A3), Beauxregard13_67 (A3), Bigflo_67 (A3), BuzzBuzz_64

(A3), Bxz2_63 (A3), Cullens_68 (A3), Dieselweasel_69 (A3), EpicPhail_69 (A3), Farber_68 (A3), Fernando_68 (A3), GingkoMaracino_68 (A3), Grif_68 (A3), Grub_68 (A3), Grum1_67 (A3), GtownJaz_68 (A3), Gwennie_65 (A3), HashRod_69 (A3), JHC117_66 (A3), JenCasNa_69 (A3), Jobu08_66 (A3), KADY_67 (A3), LBerry_69 (A3), LarryKay_68 (A3), Lilith_67 (A3), Lowa_67 (A3), LugYA_71 (A3), MadMarie_68 (A3), Mainiac_68 (A3), Malinsilva_70 (A3), MarQuardt_68 (A3), Marie_66 (A3), Methuselah_63 (A3), Microwolf_66 (A3), MoneyMay_67 (A3), Montavir_65 (A3), MuchMore_71 (A3), Ollie_68 (A3), P28Green_69 (A3), Penny1_68 (A3), Phoxy_68 (A3), PotatoSplit_69 (A3), Rummer_67 (A3), Sabia_68 (A3), Sabinator_66 (A3), Soshari_70 (A3), Spike509_68 (A3), Stagni_67 (A3), StepMih_67 (A3), Taurus_69 (A3), Tiffany_67 (A3), Vix_66 (A3), Watson_67 (A3), Zetzy_67 (A3),

Start 53:

- Found in 18 of 905 (2.0%) of genes in pham
- Manual Annotations of this start: 17 of 782
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ACFishhook_66 (A3), Calvinny_67 (A3), Gemma_67 (A3), Groupthink_69 (A3), HaveUMetTed_69 (A3), Heliosoles_67 (A3), JeppNRM_69 (A3), Kalb97_69 (A3), Kalnoky_69 (A3), Louie6_67 (A3), Manu_68 (A3), Marius_69 (A3), OlanP_67 (A3), Pawn_68 (A3), PhishRPhriends_66 (A3), Phranny_69 (A3), PurpleHaze_68 (A3), Reba_68 (A3),

Start 54:

- Found in 189 of 905 (20.9%) of genes in pham
- Manual Annotations of this start: 143 of 782
- Called 83.6% of time when present
- Phage (with cluster) where this start called: AbbysRanger_60 (A4), Albee_62 (A4), Alberto7_63 (A4), Annyong_61 (A4), Arturo_60 (A4), AvatarAhPeg_59 (A4), B1_57 (A3), Baby16_62 (A4), BabyJohn_60 (A3), BabyRay_65 (A3), Backyardigan_58 (A4), Badger_59 (A4), BangNhom_61 (A4), Bartimeaus_62 (A4), BellusTerra_63 (A4), Blackmoor_61 (A4), BlueBird_67 (A3), Broseidon_62 (A4), Bugatti_65 (A3), Bumblebee11_59 (A4), Burger_60 (A4), Caelakin_61 (A4), Caviar_64 (A3), CentreCat_62 (A4), Cerulean_63 (A4), ChampagnePapi_64 (A4), Chaph_62 (A4), Chiqui_60 (A3), Cici_60 (A4), Cindaradix_57 (A4), Cintron_62 (A4), Citius_62 (A4), Clammy_65 (A3), Commander_61 (A4), Connomayer_62 (A4), Datway_60 (A4), Deano_60 (A4), Dhanush_62 (A4), DirtyDunning_61 (A4), DropBear_63 (A3), Druantia_61 (A4), Eagle_61 (A4), Eapen_62 (A4), Eros_62 (A4), EtoileNova_63 (A3), Eurydice_63 (A4), Florean_62 (A4), Fred313_63 (A3), Gadost_62 (A4), Giroux_67 (A3), Happiness_61 (A4), Heathen_65 (A3), HelDan_64 (A3), Holli_61 (A4), Hookmount_64 (A3), Houdini22_61 (A4), Huxley_60 (A4), ICleared_61 (A4), Iceman_62 (A4), Idleandcovert_65 (A3), Isca_63 (A3), JF2_63 (A3), JF4_63 (A3), Jaykayelowell_59 (A4), JetBlade_62 (A4), Kachowdy_63 (A3), Kampy_61 (A4), Katalie136_60 (A4), KekoraPapaka_60 (A4), Kingmustik0402_62 (A4), Koan_59 (A4), Koreni_61 (A4), Kremtemulon_62 (A4), Kyee_62 (A4), LHTSCC_64 (A4), Lambert1_64 (A3), LappelDuVide_62 (A4), LeoAvram_61 (A4), LittleB_62 (A4), LochMonster_63 (A4), Lorenzo_62 (A4), Lunsford_63 (A4), MA5_65 (A3), MK4_65 (A3), Marchesa_63 (A3), Margo_64 (A3), Maxo_63 (A4), Mayonnaise_60 (A4), Mazhar510_62 (A4), MeeZee_61 (A4), Melvin_64 (A4), Miramae_59 (A4), Morpher26_60 (A4), Morrow_63 (A4), Mundrea_60 (A4), Nebs_63 (A4), Nemo27_61 (A4), Noella_64 (A3), Noelle_61 (A4), Norbert_61 (A3), NorthStar_60 (A4), NotAPhaseMom_61 (A4), OKaNui_62 (A4), Obama12_63 (A4), Ohfah_63 (A4), Panamaxus_62 (A3), Peaches_60 (A4), Perplexer_60 (A4), PeterPeter_62 (A4), PetiteSangsue_60 (A4), Phantastic_66 (A3), Phelipe_63 (A4), Phontbonne_62 (A4),

Pipcraft_59 (A4), Pistachio_65 (A3), Pocahontas_64 (A3), Polymorphads_63 (A4), Popcicle_64 (A3), Pumbaa_62 (A4), Puppy_65 (A3), QuinnKiro_63 (A3), Relief_61 (A4), ResDef_63 (A3), RockieBear_60 (A4), Rockstar_63 (A3), Romney_61 (A4), Roosevelt_60 (A4), Rosa24_60 (A4), Ruin_62 (A4), SaturnRing_65 (A3), Scamp_62 (A4), Scout_64 (A3), SenorClean_62 (A4), SheldonCooper_62 (A4), Shygu2_60 (A4), Skipitt_61 (A4), Sparxx_63 (A4), Spino_61 (A4), Stasia_60 (A4), SteMason_59 (A4), Stink_59 (A4), Sultana_62 (A4), TNguyen7_66 (A3), Taquarus_61 (A4), Texage_62 (A3), Tinybot_61 (A4), TiroTheta9_61 (A4), Todacoro_64 (A3), TroyPia_63 (A4), TygerBlood_62 (A4), Ulysses_61 (A4), Veracruz_62 (A3), Wilbur_62 (A4), Wile_60 (A4), Wizard007_61 (A4), Xena_59 (A4), YoSam321_62 (A4), Zarafa_63 (A3),

Start 56:

- Found in 290 of 905 (32.0%) of genes in pham
- Manual Annotations of this start: 1 of 782
- Called 0.3% of time when present
- Phage (with cluster) where this start called: Anon_68 (A15),

Start 62:

- Found in 8 of 905 (0.9%) of genes in pham
- Manual Annotations of this start: 5 of 782
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Breezona_99 (L2), Bromden_100 (L4), ChutneyChips_101 (L4), DyoEdafos_103 (L4), Kropertea_95 (L4), Miley16_99 (L2), Winky_99 (L2),

Start 63:

- Found in 1 of 905 (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: Quby_100 (L4),

Start 64:

- Found in 52 of 905 (5.7%) of genes in pham
- Manual Annotations of this start: 29 of 782
- Called 86.5% of time when present
- Phage (with cluster) where this start called: Archie_96 (L2), Baoshan_96 (L2), Bazzle_96 (L2), BigCheese_99 (L2), BobsGarage_98 (L2), BrainDrainer_101 (L4), Chaser_99 (L4), Claus_98 (L2), Crossroads_99 (L2), DHan_102 (L2), DanBing_98 (L2), Douge_100 (L4), Douzhi_100 (L4), DrSeegs_98 (L2), Faith1_99 (L2), FarmResident_101 (L4), Finemlucis_100 (L2), Gabriela_99 (L2), Gardann_99 (L2), GuuelaD_96 (L2), Hafay_100 (L2), Itos_99 (L2), Kahlid_98 (L2), Lewan_100 (L2), LilDestine_97 (L2), Loadrie_98 (L2), Lynnae_100 (L2), MkaliMitinis3_101 (L2), Netyap_98 (L2), Nicholasp3_99 (L2), OverPar_101 (L2), PYPDinur_100 (L4), Rossetti_99 (L2), Rumpelstiltskin_95 (L2), Sarshaun_100 (L2), Sheng711_101 (L4), SoJulia_101 (L2), Soap141_99 (L2), Tourach_100 (L2), Underpass_91 (L2), Vetrix_97 (L2), Wigglewiggles_99 (L2), Wilder_100 (L2), Zakai_100 (L2), ZhongYanYuan_96 (L2),

Start 69:

- Found in 1 of 905 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 782
- Called 100.0% of time when present
- Phage (with cluster) where this start called: MyraDee_64 (A18),

Start 73:

- Found in 17 of 905 (1.9%) of genes in pham
- Manual Annotations of this start: 1 of 782
- Called 5.9% of time when present
- Phage (with cluster) where this start called: MiniMac_101 (L3),

Start 75:

- Found in 126 of 905 (13.9%) of genes in pham
- Manual Annotations of this start: 50 of 782
- Called 44.4% of time when present
- Phage (with cluster) where this start called: Alsfro_63 (A1), Anglerfish_59 (A1), Beatrix_58 (A1), Bethlehem_58 (A1), Bexan_56 (A1), Blackflame_55 (A1), Bones_58 (A1), Carlyle_57 (A1), CartmannCramer_57 (A1), Corvo_59 (A1), Cueylyss_59 (A1), DD5_57 (A1), Doom_56 (A1), Dreamboat_59 (A1), Dynamix_60 (A1), Euphoria_56 (A1), Froghopper_55 (A1), Gachnar_57 (A1), GageAP_59 (A1), Graduation_62 (A1), Homines_50 (A1), Ichabod_62 (A1), Jasper_59 (A1), KSSJEB_58 (A1), KyMonks1A_61 (A1), LilBib_58 (A1), Lockley_56 (A1), Makemake_59 (A1), Manatee_59 (A1), Marco3_62 (A1), MaryBeth_57 (A1), MetalQZJ_56 (A1), MilleFeuille_53 (A1), Norz_59 (A1), Ohno789_59 (A1), PSullivan_58 (A1), Paraselene_56 (A1), Pari_61 (A1), Pepe_55 (A1), PherrisBueller_57 (A1), Pita2_61 (A1), ProMouse_58 (A1), QTRlifeCrisis_58 (A1), STLscum_61 (A1), Sandaddy_55 (A1), SarFire_55 (A1), Scowl_59 (A1), SkiPole_63 (A1), Sorpresa_56 (A1), SpikeBT_57 (A1), StrongArm_57 (A1), Sunshine924_60 (A1), Switzer_59 (A1), Thor_55 (A1), Turj99_56 (A1), U2_57 (A1),

Start 76:

- Found in 8 of 905 (0.9%) of genes in pham
- Manual Annotations of this start: 6 of 782
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aegeus_107 (L5), Baudelaire_107 (L5), Celestiallunch_64 (A9), Charm_64 (A9), DreamTeam1_64 (A9), Keziacharles14_66 (A9), MegTheThird_64 (A9), SheaKeira_63 (A9),

Start 77:

- Found in 6 of 905 (0.7%) of genes in pham
- Manual Annotations of this start: 4 of 782
- Called 66.7% of time when present
- Phage (with cluster) where this start called: BillKnuckles_56 (A1), Licorice_60 (A1), Seanderson_58 (A1), Traft412_61 (A1),

Start 78:

- Found in 5 of 905 (0.6%) of genes in pham
- Manual Annotations of this start: 3 of 782
- Called 60.0% of time when present
- Phage (with cluster) where this start called: Atkinbua_62 (A1), Pinto_59 (A1), Rubeus_58 (A1),

Start 79:

- Found in 69 of 905 (7.6%) of genes in pham
- Manual Annotations of this start: 18 of 782
- Called 33.3% of time when present

- Phage (with cluster) where this start called: Bellis_96 (L3), BourbonZero_97 (L3), Clautastrophe_94 (L3), DuncansLeg_97 (L3), Ellson_95 (L3), Finnry_96 (L3), Jobypre_96 (L3), Jubie_95 (L3), Kingsolomon_94 (L3), KirDoubleO7_94 (L3), Krypton555_99 (L3), LiyuLake_95 (L3), Lolly9_96 (L3), Lumos_96 (L3), MiniLon_101 (L3), Moostard_93 (L3), MsGreen_96 (L3), Nicholas_94 (L3), Red305_97 (L3), Samty_95 (L3), Snenia_95 (L3), TriFive_97 (L3), Whirlwind_98 (L3),

Start 80:

- Found in 6 of 905 (0.7%) of genes in pham
- Manual Annotations of this start: 6 of 782
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ashballer_61 (A1), Dulcie_58 (A1), Gwendoluna_61 (A1), JC27_61 (A1), Pelly_58 (A1), Ruotula_61 (A1),

Start 81:

- Found in 178 of 905 (19.7%) of genes in pham
- Manual Annotations of this start: 155 of 782
- Called 98.3% of time when present
- Phage (with cluster) where this start called: A6_52 (A1), AFIS_55 (A1), Abbyshoes_61 (A1), Abrogate_570 (A1), Acme_59 (A1), Adahisdi_58 (A1), Aeneas_61 (A1), Agaliana_53 (A1), Ajay_59 (A1), Aldrich_56 (A1), Altman_61 (A1), Alvin_57 (A1), Applejack_53 (A1), Arcanine_60 (A1), Arlo_56 (A1), BK1_52 (A1), BPBiëbs31_60 (A1), BaconJack_63 (A1), Barriga_59 (A1), BarrowTuph_59 (A1), BeesKnees_61 (A1), Big3_57 (A1), BigMau_60 (A1), BigPaolini_57 (A1), Bigchung_58 (A1), Bigfoot_52 (A1), Bircsak_57 (A1), Blessers_55 (A1), BluSpix_56 (A1), Blue_57 (A1), Bob3_57 (A1), Briton15_62 (A1), Bruns_57 (A1), Burton_58 (A1), Buttons_56 (A1), Bxb1_53 (A1), CactusRose_56 (A1), CatBus_56 (A1), Chanagan_54 (A1), ChristmasHams_52 (A1), Ciao_57 (A1), ConceptII_61 (A1), Crispicous1_55 (A1), Dexes_58 (A1), DrFeelGood_56 (A1), DreamCatcher_62 (A1), Dussy_60 (A1), Edtherson_57 (A1), EnzoK_58 (A1), Espresso_57 (A1), Eyeball_59 (A1), Fajezeel_59 (A1), Fascinus_54 (A1), Fenn_61 (A1), Forsytheast_57 (A1), Francis47_57 (A1), Fushigi_55 (A1), GMonster_55 (A1), Gandalf20_61 (A1), Gompeii16_57 (A1), GrecoEtereo_58 (A1), Greg_59 (A1), GroundGoblin_57 (A1), Gyzlar_54 (A1), Hami1_53 (A1), HanShotFirst_59 (A1), HarryOW_57 (A1), Hermia_58 (A1), HermioneGrange_59 (A1), Hope4ever_60 (A1), ILeeKay_61 (A1), IgnatiusPatJac_58 (A1), Inyanga_53 (A1), Iqorha_53 (A1), JackSparrow_61 (A1), Jerm2_59 (A1), Jorgensen_59 (A1), JuliaChild_59 (A1), KBG_59 (A1), Kanely_60 (A1), Kenmech_63 (A1), KikiBouba_57 (A1), Killigrew_58 (A1), Kugel_58 (A1), Kykar_58 (A1), Lamina13_60 (A1), Lesedi_54 (A1), Levia_56 (A1), Lopton_58 (A1), LunarLander_59 (A1), MPlant7149_57 (A1), Magnar_56 (A1), Magnito_57 (A1), Marcell_55 (A1), Marchy_53 (A1), Marge_57 (A1), Maroc7_56 (A1), Marsha_57 (A1), McGuire_60 (A1), McSinger_58 (A1), Michley_58 (A1), Mkhuseleli_56 (A1), Molly_59 (A1), Monet_61 (A1), Moose_57 (A1), MrGordo_58 (A1), Mryolo_55 (A1), Mule_56 (A1), Museum_59 (A1), NEHalo_56 (A1), Naira_61 (A1), Nerujay_60 (A1), Nhonho_57 (A1), Niza_60 (A1), Noxious_56 (A1), Oogway_57 (A1), PacerPaul_58 (A1), Papez_61 (A1), Paphu_57 (A1), Parliament_58 (A1), PascalRango_58 (A1), PattyP_60 (A1), Payneful_58 (A1), Perseus_58 (A1), Peterson_62 (A1), Petp2012_59 (A1), Petruchio_57 (A1), PhineBark_58 (A1), Phlippers_56 (A1), PhrostyMug_58 (A1), PinkPlastic_58 (A1), Pippin_59 (A1), PowerRanger_56 (A1), Puppet_57 (A1), Raid_57 (A1), Rajelicia_59 (A1), Rhynn_56 (A1), RidgeCB_58 (A1), Ringer_58 (A1), Rohr_59 (A1), Rufus_59 (A1), Rutherford_59 (A1), Sagefire_60 (A1), Sanya_54 (A1), Seabiscuit_62 (A1), ShortQueendom_51 (A1), Sibs6_60 (A1), Slagathor_60 (A1), Smairt_61 (A1), Smeagol_60 (A1), Snazzy_57 (A1), Solon_56 (A1), Squee_59 (A1),

StewieG_55 (A1), Sumter_54 (A1), SwissCheese_59 (A1), Swole_59 (A1), Target_59 (A1), Tasp14_61 (A1), Teodoridan_56 (A1), TheloniousMonk_59 (A1), Topgun_57 (A1), Tote_54 (A1), Treddle_59 (A1), Tripl3t_60 (A1), Trouble_60 (A1), TwoPeat_60 (A1), Violet_56 (A1), Watermelon_59 (A1), Wheeler_58 (A1), Whitspit_55 (A1), Wilkins_57 (A1), Zeeculate_56 (A1), Zephyr_59 (A1), Zeuska_57 (A1),

Summary by clusters:

There are 24 clusters represented in this pham: A15, A14, A17, A16, A11, A10, A13, A12, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, L4, L5, L2, L3, A21, A22,

Info for manual annotations of cluster A1:

- Start number 75 was manually annotated 50 times for cluster A1.
- Start number 77 was manually annotated 4 times for cluster A1.
- Start number 78 was manually annotated 3 times for cluster A1.
- Start number 80 was manually annotated 6 times for cluster A1.
- Start number 81 was manually annotated 155 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 48 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 48 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 50 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 50 was manually annotated 4 times for cluster A14.

Info for manual annotations of cluster A15:

- Start number 56 was manually annotated 1 time for cluster A15.

Info for manual annotations of cluster A16:

- Start number 48 was manually annotated 2 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 69 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 48 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 34 was manually annotated 1 time for cluster A2.
- Start number 38 was manually annotated 1 time for cluster A2.
- Start number 47 was manually annotated 1 time for cluster A2.
- Start number 48 was manually annotated 10 times for cluster A2.
- Start number 50 was manually annotated 88 times for cluster A2.

Info for manual annotations of cluster A22:

- Start number 50 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

- Start number 41 was manually annotated 15 times for cluster A3.
- Start number 52 was manually annotated 51 times for cluster A3.
- Start number 53 was manually annotated 17 times for cluster A3.
- Start number 54 was manually annotated 33 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 37 was manually annotated 21 times for cluster A4.
- Start number 41 was manually annotated 10 times for cluster A4.
- Start number 54 was manually annotated 110 times for cluster A4.

Info for manual annotations of cluster A5:

- Start number 35 was manually annotated 8 times for cluster A5.

Info for manual annotations of cluster A6:

- Start number 38 was manually annotated 2 times for cluster A6.
- Start number 50 was manually annotated 45 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 33 was manually annotated 1 time for cluster A7.
- Start number 40 was manually annotated 1 time for cluster A7.
- Start number 47 was manually annotated 2 times for cluster A7.
- Start number 48 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A9:

- Start number 48 was manually annotated 1 time for cluster A9.
- Start number 50 was manually annotated 30 times for cluster A9.
- Start number 76 was manually annotated 4 times for cluster A9.

Info for manual annotations of cluster L2:

- Start number 62 was manually annotated 3 times for cluster L2.
- Start number 64 was manually annotated 27 times for cluster L2.

Info for manual annotations of cluster L3:

- Start number 73 was manually annotated 1 time for cluster L3.
- Start number 79 was manually annotated 18 times for cluster L3.

Info for manual annotations of cluster L4:

- Start number 62 was manually annotated 2 times for cluster L4.
- Start number 64 was manually annotated 2 times for cluster L4.

Info for manual annotations of cluster L5:

- Start number 76 was manually annotated 2 times for cluster L5.

Gene Information:

Gene: 20ES_68 Start: 41417, Stop: 41187, Start Num: 50

Candidate Starts for 20ES_68:

(Start: 50 @41417 has 173 MA's), (Start: 56 @41399 has 1 MA's), (102, 41270), (113, 41231),

Gene: 40AC_66 Start: 42289, Stop: 42059, Start Num: 48

Candidate Starts for 40AC_66:

(Start: 48 @42289 has 56 MA's), (55, 42277), (Start: 56 @42274 has 1 MA's), (66, 42241), (86, 42187), (97, 42157),

Gene: A6_52 Start: 38092, Stop: 37958, Start Num: 81

Candidate Starts for A6_52:

(Start: 81 @38092 has 155 MA's), (115, 37990),

Gene: ACFishhook_66 Start: 41128, Stop: 40898, Start Num: 53

Candidate Starts for ACFishhook_66:

(Start: 53 @41128 has 17 MA's), (102, 40984), (113, 40945),

Gene: AFIS_55 Start: 38799, Stop: 38665, Start Num: 81

Candidate Starts for AFIS_55:

(Start: 81 @38799 has 155 MA's), (115, 38697),

Gene: AN3_68 Start: 40132, Stop: 39902, Start Num: 50

Candidate Starts for AN3_68:

(Start: 50 @40132 has 173 MA's), (Start: 56 @40114 has 1 MA's), (102, 39985), (113, 39946),

Gene: AN9_70 Start: 41277, Stop: 41041, Start Num: 50

Candidate Starts for AN9_70:

(Start: 38 @41304 has 3 MA's), (Start: 50 @41277 has 173 MA's), (Start: 56 @41259 has 1 MA's), (66, 41226), (95, 41139),

Gene: ANI8_70 Start: 41277, Stop: 41041, Start Num: 50

Candidate Starts for ANI8_70:

(Start: 38 @41304 has 3 MA's), (Start: 50 @41277 has 173 MA's), (Start: 56 @41259 has 1 MA's), (66, 41226), (95, 41139),

Gene: AbbyPaige_68 Start: 41661, Stop: 41431, Start Num: 50

Candidate Starts for AbbyPaige_68:

(6, 41910), (30, 41715), (32, 41709), (Start: 50 @41661 has 173 MA's), (Start: 56 @41643 has 1 MA's), (102, 41514), (113, 41475),

Gene: AbbysRanger_60 Start: 40318, Stop: 40094, Start Num: 54

Candidate Starts for AbbysRanger_60:

(Start: 37 @40360 has 21 MA's), (Start: 41 @40348 has 25 MA's), (Start: 54 @40318 has 143 MA's), (112, 40153), (113, 40141),

Gene: Abbysshoes_61 Start: 40860, Stop: 40726, Start Num: 81

Candidate Starts for Abbysshoes_61:

(Start: 81 @40860 has 155 MA's), (115, 40758),

Gene: Abdiel_62 Start: 40510, Stop: 40244, Start Num: 37

Candidate Starts for Abdiel_62:

(Start: 37 @40510 has 21 MA's), (Start: 41 @40498 has 25 MA's), (Start: 54 @40468 has 143 MA's), (58, 40447), (113, 40291), (121, 40252),

Gene: Abrogate_570 Start: 40665, Stop: 40531, Start Num: 81

Candidate Starts for Abrogate_570:

(Start: 81 @40665 has 155 MA's), (115, 40563),

Gene: Achebe_59 Start: 40343, Stop: 40077, Start Num: 37

Candidate Starts for Achebe_59:

(Start: 37 @40343 has 21 MA's), (Start: 41 @40331 has 25 MA's), (Start: 54 @40301 has 143 MA's), (112, 40136), (113, 40124),

Gene: Acme_59 Start: 39262, Stop: 39128, Start Num: 81

Candidate Starts for Acme_59:

(Start: 81 @39262 has 155 MA's), (115, 39160),

Gene: Acolyte_59 Start: 40074, Stop: 39841, Start Num: 50

Candidate Starts for Acolyte_59:

(Start: 50 @40074 has 173 MA's), (Start: 56 @40056 has 1 MA's), (95, 39942), (102, 39927), (118, 39864), (121, 39849),

Gene: Adahisdi_58 Start: 40395, Stop: 40261, Start Num: 81

Candidate Starts for Adahisdi_58:

(Start: 81 @40395 has 155 MA's), (115, 40293),

Gene: Adzzy_69 Start: 39937, Stop: 39698, Start Num: 50

Candidate Starts for Adzzy_69:

(Start: 50 @39937 has 173 MA's), (Start: 56 @39919 has 1 MA's), (66, 39886), (95, 39799), (110, 39766), (121, 39706),

Gene: Aegeus_107 Start: 62949, Stop: 63086, Start Num: 76

Candidate Starts for Aegeus_107:

(74, 62946), (Start: 76 @62949 has 6 MA's), (88, 62976), (94, 62991), (95, 62994), (104, 63009), (113, 63039), (118, 63063), (119, 63066),

Gene: Aeneas_61 Start: 41102, Stop: 40968, Start Num: 81

Candidate Starts for Aeneas_61:

(Start: 81 @41102 has 155 MA's), (115, 41000),

Gene: Agaliana_53 Start: 37073, Stop: 36939, Start Num: 81

Candidate Starts for Agaliana_53:

(Start: 81 @37073 has 155 MA's), (115, 36971),

Gene: Agape74_68 Start: 41655, Stop: 41425, Start Num: 50

Candidate Starts for Agape74_68:

(6, 41904), (30, 41709), (32, 41703), (Start: 50 @41655 has 173 MA's), (Start: 56 @41637 has 1 MA's), (102, 41508), (113, 41469),

Gene: Aglet_69 Start: 41171, Stop: 40941, Start Num: 52

Candidate Starts for Aglet_69:

(Start: 41 @41198 has 25 MA's), (Start: 52 @41171 has 51 MA's), (96, 41042), (113, 40988),

Gene: AgronaGT15_67 Start: 41019, Stop: 40789, Start Num: 52

Candidate Starts for AgronaGT15_67:

(Start: 41 @41046 has 25 MA's), (Start: 52 @41019 has 51 MA's), (96, 40890), (113, 40836),

Gene: Airmid_58 Start: 39243, Stop: 38977, Start Num: 35

Candidate Starts for Airmid_58:

(Start: 35 @39243 has 8 MA's), (Start: 41 @39219 has 25 MA's), (45, 39210), (113, 39024),

Gene: Ajay_59 Start: 40476, Stop: 40342, Start Num: 81

Candidate Starts for Ajay_59:

(Start: 81 @40476 has 155 MA's), (115, 40374),

Gene: Albee_62 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Albee_62:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Alberto7_63 Start: 40801, Stop: 40577, Start Num: 54

Candidate Starts for Alberto7_63:

(Start: 37 @40843 has 21 MA's), (Start: 41 @40831 has 25 MA's), (Start: 54 @40801 has 143 MA's), (58, 40780), (113, 40624), (121, 40585),

Gene: Aldrich_56 Start: 39960, Stop: 39826, Start Num: 81

Candidate Starts for Aldrich_56:

(Start: 81 @39960 has 155 MA's), (115, 39858),

Gene: Aliter_69 Start: 40655, Stop: 40506, Start Num: 50

Candidate Starts for Aliter_69:

(Start: 50 @40655 has 173 MA's), (Start: 56 @40637 has 1 MA's), (71, 40589),

Gene: Alma_66 Start: 40634, Stop: 40401, Start Num: 50

Candidate Starts for Alma_66:

(Start: 50 @40634 has 173 MA's), (Start: 56 @40616 has 1 MA's), (86, 40529), (95, 40502), (114, 40439), (118, 40424),

Gene: Alsfro_63 Start: 40052, Stop: 39909, Start Num: 75

Candidate Starts for Alsfro_63:

(Start: 75 @40052 has 50 MA's),

Gene: Altman_61 Start: 40582, Stop: 40448, Start Num: 81

Candidate Starts for Altman_61:

(Start: 81 @40582 has 155 MA's), (115, 40480),

Gene: Alvin_57 Start: 39789, Stop: 39655, Start Num: 81

Candidate Starts for Alvin_57:

(Start: 81 @39789 has 155 MA's),

Gene: Aneem_67 Start: 40626, Stop: 40393, Start Num: 48

Candidate Starts for Aneem_67:

(Start: 48 @40626 has 56 MA's), (Start: 56 @40608 has 1 MA's), (86, 40524), (106, 40464), (109, 40458),

Gene: Anglerfish_59 Start: 40711, Stop: 40568, Start Num: 75

Candidate Starts for Anglerfish_59:

(Start: 75 @40711 has 50 MA's),

Gene: AnnaL29_67 Start: 42021, Stop: 41788, Start Num: 50

Candidate Starts for AnnaL29_67:

(Start: 38 @42051 has 3 MA's), (Start: 50 @42021 has 173 MA's), (Start: 56 @42003 has 1 MA's), (95, 41889), (102, 41874),

Gene: Annyong_61 Start: 40509, Stop: 40285, Start Num: 54

Candidate Starts for Annyong_61:

(Start: 37 @40551 has 21 MA's), (Start: 41 @40539 has 25 MA's), (Start: 54 @40509 has 143 MA's), (58, 40488), (113, 40332), (121, 40293),

Gene: Anon_68 Start: 39528, Stop: 39328, Start Num: 56

Candidate Starts for Anon_68:

(Start: 56 @39528 has 1 MA's),

Gene: Anselm_67 Start: 41559, Stop: 41329, Start Num: 50

Candidate Starts for Anselm_67:

(23, 41646), (Start: 38 @41592 has 3 MA's), (Start: 50 @41559 has 173 MA's), (Start: 56 @41541 has 1 MA's), (59, 41523), (113, 41373),

Gene: Anubis_71 Start: 41084, Stop: 40827, Start Num: 41

Candidate Starts for Anubis_71:

(Start: 41 @41084 has 25 MA's), (Start: 52 @41057 has 51 MA's), (96, 40928), (113, 40874),

Gene: Applejack_53 Start: 36632, Stop: 36498, Start Num: 81

Candidate Starts for Applejack_53:

(Start: 81 @36632 has 155 MA's), (115, 36530),

Gene: Arcanine_60 Start: 40322, Stop: 40188, Start Num: 81

Candidate Starts for Arcanine_60:

(Start: 81 @40322 has 155 MA's), (115, 40220),

Gene: ArcherNM_60 Start: 40803, Stop: 40570, Start Num: 50

Candidate Starts for ArcherNM_60:

(Start: 38 @40833 has 3 MA's), (Start: 50 @40803 has 173 MA's), (Start: 56 @40785 has 1 MA's), (66, 40752), (102, 40656), (118, 40593),

Gene: Archie_96 Start: 60983, Stop: 61165, Start Num: 64

Candidate Starts for Archie_96:

(Start: 64 @60983 has 29 MA's), (Start: 75 @61019 has 50 MA's), (Start: 79 @61025 has 18 MA's), (89, 61052), (98, 61076), (112, 61106), (113, 61118), (115, 61133),

Gene: Arissanae_65 Start: 40920, Stop: 40774, Start Num: 50

Candidate Starts for Arissanae_65:

(Start: 50 @40920 has 173 MA's), (Start: 56 @40902 has 1 MA's), (71, 40854), (93, 40794),

Gene: Arlo_56 Start: 38792, Stop: 38658, Start Num: 81

Candidate Starts for Arlo_56:

(Start: 81 @38792 has 155 MA's), (115, 38690),

Gene: Artemis2UCLA_67 Start: 39185, Stop: 38952, Start Num: 50

Candidate Starts for Artemis2UCLA_67:

(Start: 38 @39215 has 3 MA's), (Start: 50 @39185 has 173 MA's), (Start: 56 @39167 has 1 MA's), (60, 39146), (71, 39119), (95, 39053), (107, 39026), (113, 38999), (121, 38960),

Gene: Arturo_60 Start: 40579, Stop: 40355, Start Num: 54

Candidate Starts for Arturo_60:

(Start: 37 @40621 has 21 MA's), (Start: 41 @40609 has 25 MA's), (Start: 54 @40579 has 143 MA's), (58, 40558), (113, 40402), (121, 40363),

Gene: Ashballe_61 Start: 40810, Stop: 40559, Start Num: 80

Candidate Starts for Ashballe_61:

(Start: 77 @40813 has 4 MA's), (Start: 80 @40810 has 6 MA's), (99, 40759), (105, 40741), (116, 40696),

Gene: Atkinbua_62 Start: 40268, Stop: 40131, Start Num: 78

Candidate Starts for Atkinbua_62:

(Start: 78 @40268 has 3 MA's), (Start: 81 @40265 has 155 MA's), (115, 40163),

Gene: AugsMagnumOpus_71 Start: 41162, Stop: 40932, Start Num: 52

Candidate Starts for AugsMagnumOpus_71:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: AvatarAhPeg_59 Start: 40091, Stop: 39867, Start Num: 54

Candidate Starts for AvatarAhPeg_59:

(Start: 37 @40133 has 21 MA's), (Start: 41 @40121 has 25 MA's), (Start: 54 @40091 has 143 MA's), (58, 40070),

Gene: Avle17_62 Start: 40491, Stop: 40237, Start Num: 41

Candidate Starts for Avle17_62:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Ayanochan_66 Start: 40417, Stop: 40184, Start Num: 50

Candidate Starts for Ayanochan_66:

(Start: 50 @40417 has 173 MA's), (Start: 56 @40399 has 1 MA's), (86, 40312), (95, 40285), (114, 40222), (118, 40207),

Gene: B1_57 Start: 39044, Stop: 38814, Start Num: 54

Candidate Starts for B1_57:

(Start: 37 @39086 has 21 MA's), (Start: 41 @39074 has 25 MA's), (Start: 54 @39044 has 143 MA's), (83, 38954),

Gene: BABullseye_59 Start: 36740, Stop: 36507, Start Num: 50

Candidate Starts for BABullseye_59:

(Start: 50 @36740 has 173 MA's), (Start: 56 @36722 has 1 MA's), (60, 36701), (71, 36674), (Start: 75 @36659 has 50 MA's), (95, 36608), (102, 36593),

Gene: BK1_52 Start: 38092, Stop: 37958, Start Num: 81

Candidate Starts for BK1_52:

(Start: 81 @38092 has 155 MA's), (115, 37990),

Gene: BPBiebs31_60 Start: 40754, Stop: 40620, Start Num: 81

Candidate Starts for BPBiebs31_60:

(Start: 81 @40754 has 155 MA's), (115, 40652),

Gene: Baby16_62 Start: 40475, Stop: 40251, Start Num: 54

Candidate Starts for Baby16_62:

(Start: 37 @40517 has 21 MA's), (Start: 41 @40505 has 25 MA's), (Start: 54 @40475 has 143 MA's), (58, 40454), (113, 40298), (121, 40259),

Gene: BabyBack_63 Start: 41397, Stop: 41167, Start Num: 47
Candidate Starts for BabyBack_63:
(Start: 47 @41397 has 3 MA's), (Start: 56 @41376 has 1 MA's), (97, 41262),

Gene: BabyJohn_60 Start: 40871, Stop: 40641, Start Num: 54
Candidate Starts for BabyJohn_60:
(Start: 37 @40913 has 21 MA's), (Start: 41 @40901 has 25 MA's), (Start: 54 @40871 has 143 MA's), (102, 40727),

Gene: BabyRay_65 Start: 40849, Stop: 40619, Start Num: 54
Candidate Starts for BabyRay_65:
(Start: 37 @40891 has 21 MA's), (Start: 41 @40879 has 25 MA's), (Start: 54 @40849 has 143 MA's), (102, 40705), (115, 40651),

Gene: Bachome_68 Start: 40606, Stop: 40373, Start Num: 48
Candidate Starts for Bachome_68:
(Start: 35 @40648 has 8 MA's), (Start: 48 @40606 has 56 MA's), (Start: 56 @40588 has 1 MA's), (86, 40504), (106, 40444), (109, 40438),

Gene: Backyardigan_58 Start: 40334, Stop: 40110, Start Num: 54
Candidate Starts for Backyardigan_58:
(Start: 37 @40376 has 21 MA's), (Start: 41 @40364 has 25 MA's), (Start: 54 @40334 has 143 MA's), (112, 40169), (113, 40157),

Gene: BaconJack_63 Start: 41853, Stop: 41719, Start Num: 81
Candidate Starts for BaconJack_63:
(Start: 81 @41853 has 155 MA's), (115, 41751),

Gene: Bactobuster_62 Start: 41701, Stop: 41465, Start Num: 48
Candidate Starts for Bactobuster_62:
(Start: 34 @41740 has 1 MA's), (Start: 38 @41728 has 3 MA's), (Start: 48 @41701 has 56 MA's), (Start: 56 @41680 has 1 MA's), (118, 41488), (121, 41473),

Gene: Badger_59 Start: 40302, Stop: 40078, Start Num: 54
Candidate Starts for Badger_59:
(Start: 37 @40344 has 21 MA's), (Start: 41 @40332 has 25 MA's), (Start: 54 @40302 has 143 MA's), (112, 40137), (113, 40125),

Gene: Baehexic_64 Start: 40861, Stop: 40631, Start Num: 50
Candidate Starts for Baehexic_64:
(Start: 50 @40861 has 173 MA's), (Start: 56 @40843 has 1 MA's), (59, 40825), (71, 40795), (113, 40678), (118, 40654),

Gene: BangNhom_61 Start: 40867, Stop: 40643, Start Num: 54
Candidate Starts for BangNhom_61:
(Start: 37 @40909 has 21 MA's), (Start: 41 @40897 has 25 MA's), (Start: 54 @40867 has 143 MA's), (58, 40846), (113, 40690), (121, 40651),

Gene: Baoshan_96 Start: 61599, Stop: 61781, Start Num: 64
Candidate Starts for Baoshan_96:

(Start: 64 @61599 has 29 MA's), (68, 61608), (Start: 73 @61626 has 1 MA's), (Start: 75 @61635 has 50 MA's), (89, 61668), (98, 61692), (112, 61722), (113, 61734), (115, 61749),

Gene: Barriga_59 Start: 38979, Stop: 38845, Start Num: 81
Candidate Starts for Barriga_59:
(Start: 81 @38979 has 155 MA's),

Gene: BarrowTuph_59 Start: 39907, Stop: 39773, Start Num: 81
Candidate Starts for BarrowTuph_59:
(Start: 81 @39907 has 155 MA's), (115, 39805),

Gene: Bartimeaus_62 Start: 40466, Stop: 40242, Start Num: 54
Candidate Starts for Bartimeaus_62:
(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Baudelaire_107 Start: 62949, Stop: 63086, Start Num: 76
Candidate Starts for Baudelaire_107:
(74, 62946), (Start: 76 @62949 has 6 MA's), (88, 62976), (94, 62991), (95, 62994), (104, 63009), (113, 63039), (118, 63063), (119, 63066),

Gene: Bazzle_96 Start: 61539, Stop: 61721, Start Num: 64
Candidate Starts for Bazzle_96:
(Start: 64 @61539 has 29 MA's), (Start: 75 @61575 has 50 MA's), (Start: 79 @61581 has 18 MA's), (89, 61608), (98, 61632), (112, 61662), (113, 61674), (115, 61689),

Gene: Beatrix_58 Start: 40913, Stop: 40653, Start Num: 75
Candidate Starts for Beatrix_58:
(Start: 75 @40913 has 50 MA's), (111, 40826), (124, 40724),

Gene: Beauxregard13_67 Start: 41174, Stop: 40944, Start Num: 52
Candidate Starts for Beauxregard13_67:
(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: Beemo_69 Start: 40825, Stop: 40676, Start Num: 50
Candidate Starts for Beemo_69:
(Start: 50 @40825 has 173 MA's), (Start: 56 @40807 has 1 MA's), (71, 40759),

Gene: BeesKnees_61 Start: 39847, Stop: 39713, Start Num: 81
Candidate Starts for BeesKnees_61:
(Start: 81 @39847 has 155 MA's), (115, 39745),

Gene: Bellis_96 Start: 61101, Stop: 61235, Start Num: 79
Candidate Starts for Bellis_96:
(Start: 79 @61101 has 18 MA's), (92, 61137), (94, 61140), (100, 61152), (115, 61203),

Gene: Bellris_64 Start: 40143, Stop: 39910, Start Num: 50
Candidate Starts for Bellris_64:
(Start: 50 @40143 has 173 MA's), (Start: 56 @40125 has 1 MA's), (71, 40077), (107, 39984), (118, 39933),

Gene: BellusTerra_63 Start: 40468, Stop: 40244, Start Num: 54
Candidate Starts for BellusTerra_63:

(Start: 37 @40510 has 21 MA's), (Start: 41 @40498 has 25 MA's), (Start: 54 @40468 has 143 MA's),
(58, 40447), (113, 40291), (121, 40252),

Gene: Benedict_61 Start: 39533, Stop: 39267, Start Num: 35

Candidate Starts for Benedict_61:

(Start: 35 @39533 has 8 MA's), (45, 39500), (113, 39314),

Gene: BengiVuitton_66 Start: 41394, Stop: 41164, Start Num: 50

Candidate Starts for BengiVuitton_66:

(Start: 50 @41394 has 173 MA's), (Start: 56 @41376 has 1 MA's), (102, 41247), (113, 41208),

Gene: BennyP_66 Start: 39255, Stop: 39022, Start Num: 50

Candidate Starts for BennyP_66:

(Start: 38 @39285 has 3 MA's), (Start: 50 @39255 has 173 MA's), (Start: 56 @39237 has 1 MA's), (60, 39216), (71, 39189), (95, 39123), (107, 39096), (113, 39069), (121, 39030),

Gene: Benvolio_63 Start: 40669, Stop: 40436, Start Num: 50

Candidate Starts for Benvolio_63:

(Start: 50 @40669 has 173 MA's), (Start: 56 @40651 has 1 MA's), (102, 40522), (113, 40483),

Gene: Bethlehem_58 Start: 41462, Stop: 41202, Start Num: 75

Candidate Starts for Bethlehem_58:

(Start: 75 @41462 has 50 MA's), (111, 41375), (124, 41273),

Gene: Bexan_56 Start: 40692, Stop: 40432, Start Num: 75

Candidate Starts for Bexan_56:

(Start: 75 @40692 has 50 MA's), (111, 40605), (124, 40503),

Gene: BiancaTri92_67 Start: 41939, Stop: 41709, Start Num: 50

Candidate Starts for BiancaTri92_67:

(Start: 38 @41969 has 3 MA's), (Start: 50 @41939 has 173 MA's), (Start: 56 @41921 has 1 MA's),
(113, 41756), (118, 41732),

Gene: Big3_57 Start: 40553, Stop: 40419, Start Num: 81

Candidate Starts for Big3_57:

(Start: 81 @40553 has 155 MA's), (115, 40451),

Gene: BigCheese_99 Start: 61757, Stop: 61939, Start Num: 64

Candidate Starts for BigCheese_99:

(Start: 64 @61757 has 29 MA's), (Start: 75 @61793 has 50 MA's), (Start: 79 @61799 has 18 MA's),
(89, 61826), (90, 61832), (98, 61850), (112, 61880), (113, 61892),

Gene: BigMau_60 Start: 39207, Stop: 39073, Start Num: 81

Candidate Starts for BigMau_60:

(Start: 81 @39207 has 155 MA's), (115, 39105),

Gene: BigPaolini_57 Start: 38390, Stop: 38256, Start Num: 81

Candidate Starts for BigPaolini_57:

(Start: 81 @38390 has 155 MA's), (115, 38288),

Gene: Bigchungi_58 Start: 39152, Stop: 39018, Start Num: 81

Candidate Starts for Bigchungi_58:

(Start: 81 @39152 has 155 MA's), (115, 39050),

Gene: Bigflo_67 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for Bigflo_67:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: Bigfoot_52 Start: 39345, Stop: 39211, Start Num: 81

Candidate Starts for Bigfoot_52:

(Start: 81 @39345 has 155 MA's), (115, 39243),

Gene: BillKnuckles_56 Start: 41364, Stop: 41107, Start Num: 77

Candidate Starts for BillKnuckles_56:

(Start: 77 @41364 has 4 MA's), (99, 41307), (105, 41289),

Gene: Bircsak_57 Start: 40580, Stop: 40446, Start Num: 81

Candidate Starts for Bircsak_57:

(Start: 81 @40580 has 155 MA's),

Gene: Blackflame_55 Start: 39548, Stop: 39405, Start Num: 75

Candidate Starts for Blackflame_55:

(Start: 75 @39548 has 50 MA's), (115, 39437),

Gene: Blackmoor_61 Start: 40466, Stop: 40242, Start Num: 54

Candidate Starts for Blackmoor_61:

(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: BlessJoy_67 Start: 39611, Stop: 39378, Start Num: 50

Candidate Starts for BlessJoy_67:

(Start: 38 @39641 has 3 MA's), (Start: 50 @39611 has 173 MA's), (Start: 56 @39593 has 1 MA's), (60, 39572), (71, 39545), (95, 39479), (107, 39452), (113, 39425), (121, 39386),

Gene: Blesser_55 Start: 39373, Stop: 39239, Start Num: 81

Candidate Starts for Blesser_55:

(Start: 81 @39373 has 155 MA's), (115, 39271),

Gene: Blinn1_69 Start: 39269, Stop: 39036, Start Num: 50

Candidate Starts for Blinn1_69:

(Start: 50 @39269 has 173 MA's), (Start: 56 @39251 has 1 MA's), (60, 39230), (71, 39203), (Start: 75 @39188 has 50 MA's), (95, 39137), (102, 39122),

Gene: BluSpix_56 Start: 35839, Stop: 35705, Start Num: 81

Candidate Starts for BluSpix_56:

(Start: 81 @35839 has 155 MA's), (115, 35737),

Gene: Blue_57 Start: 40422, Stop: 40288, Start Num: 81

Candidate Starts for Blue_57:

(Start: 81 @40422 has 155 MA's), (115, 40320),

Gene: Blue7_68 Start: 39279, Stop: 39046, Start Num: 50

Candidate Starts for Blue7_68:

(Start: 38 @39309 has 3 MA's), (Start: 50 @39279 has 173 MA's), (Start: 56 @39261 has 1 MA's), (60, 39240), (71, 39213), (95, 39147), (107, 39120), (113, 39093), (121, 39054),

Gene: BlueBird_67 Start: 40896, Stop: 40666, Start Num: 54

Candidate Starts for BlueBird_67:

(Start: 37 @40938 has 21 MA's), (Start: 41 @40926 has 25 MA's), (Start: 54 @40896 has 143 MA's), (102, 40752), (103, 40749), (115, 40698),

Gene: Bob3_57 Start: 38473, Stop: 38339, Start Num: 81

Candidate Starts for Bob3_57:

(Start: 81 @38473 has 155 MA's), (115, 38371),

Gene: BobSwaget_60 Start: 39664, Stop: 39434, Start Num: 50

Candidate Starts for BobSwaget_60:

(Start: 50 @39664 has 173 MA's), (Start: 56 @39646 has 1 MA's), (97, 39532), (113, 39481), (121, 39442),

Gene: BobsGarage_98 Start: 61757, Stop: 61939, Start Num: 64

Candidate Starts for BobsGarage_98:

(Start: 64 @61757 has 29 MA's), (Start: 75 @61793 has 50 MA's), (Start: 79 @61799 has 18 MA's), (89, 61826), (90, 61832), (98, 61850), (112, 61880), (113, 61892),

Gene: BogosyJay_67 Start: 40706, Stop: 40473, Start Num: 50

Candidate Starts for BogosyJay_67:

(Start: 50 @40706 has 173 MA's), (Start: 56 @40688 has 1 MA's), (95, 40574), (118, 40496),

Gene: Bombshell_62 Start: 40503, Stop: 40237, Start Num: 37

Candidate Starts for Bombshell_62:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Bones_58 Start: 41008, Stop: 40748, Start Num: 75

Candidate Starts for Bones_58:

(Start: 75 @41008 has 50 MA's), (99, 40948), (105, 40930), (125, 40807),

Gene: BourbonZero_97 Start: 61299, Stop: 61433, Start Num: 79

Candidate Starts for BourbonZero_97:

(Start: 73 @61284 has 1 MA's), (Start: 79 @61299 has 18 MA's), (92, 61335), (94, 61338), (100, 61350), (115, 61401),

Gene: Bowtie_67 Start: 40633, Stop: 40400, Start Num: 48

Candidate Starts for Bowtie_67:

(Start: 48 @40633 has 56 MA's), (Start: 56 @40615 has 1 MA's), (86, 40531), (106, 40471), (109, 40465),

Gene: Bradman_68 Start: 40388, Stop: 40152, Start Num: 50

Candidate Starts for Bradman_68:

(27, 40448), (Start: 38 @40415 has 3 MA's), (Start: 50 @40388 has 173 MA's), (Start: 56 @40370 has 1 MA's), (66, 40337), (95, 40250),

Gene: BrainDrainer_101 Start: 61531, Stop: 61704, Start Num: 64

Candidate Starts for BrainDrainer_101:

(Start: 33 @61438 has 1 MA's), (39, 61453), (46, 61477), (51, 61489), (Start: 64 @61531 has 29 MA's), (72, 61555), (Start: 79 @61573 has 18 MA's), (83, 61585), (89, 61600), (90, 61606), (112, 61645), (115, 61672),

Gene: BreSam8_68 Start: 41191, Stop: 40934, Start Num: 41

Candidate Starts for BreSam8_68:

(Start: 41 @41191 has 25 MA's), (Start: 52 @41164 has 51 MA's), (96, 41035), (113, 40981),

Gene: Breezona_99 Start: 61842, Stop: 62027, Start Num: 62

Candidate Starts for Breezona_99:

(Start: 62 @61842 has 5 MA's), (Start: 64 @61845 has 29 MA's), (72, 61869), (Start: 75 @61881 has 50 MA's), (Start: 79 @61887 has 18 MA's), (98, 61938), (112, 61968), (113, 61980), (115, 61995),

Gene: Briton15_62 Start: 40265, Stop: 40131, Start Num: 81

Candidate Starts for Briton15_62:

(Start: 81 @40265 has 155 MA's), (115, 40163),

Gene: Bromden_100 Start: 62267, Stop: 62440, Start Num: 62

Candidate Starts for Bromden_100:

(Start: 62 @62267 has 5 MA's), (72, 62291), (Start: 79 @62309 has 18 MA's), (83, 62321), (89, 62336), (90, 62342), (112, 62381), (113, 62393), (115, 62408),

Gene: Broseidon_62 Start: 40466, Stop: 40242, Start Num: 54

Candidate Starts for Broseidon_62:

(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Bruiser_61 Start: 40506, Stop: 40240, Start Num: 37

Candidate Starts for Bruiser_61:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Bruns_57 Start: 38964, Stop: 38830, Start Num: 81

Candidate Starts for Bruns_57:

(Start: 81 @38964 has 155 MA's), (115, 38862),

Gene: BubbleTrouble_61 Start: 40506, Stop: 40240, Start Num: 37

Candidate Starts for BubbleTrouble_61:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Bud_65 Start: 40180, Stop: 39947, Start Num: 48

Candidate Starts for Bud_65:

(Start: 48 @40180 has 56 MA's), (Start: 56 @40162 has 1 MA's), (86, 40078), (106, 40018), (109, 40012),

Gene: Bugatti_65 Start: 40896, Stop: 40666, Start Num: 54

Candidate Starts for Bugatti_65:

(Start: 37 @40938 has 21 MA's), (Start: 41 @40926 has 25 MA's), (Start: 54 @40896 has 143 MA's), (102, 40752), (103, 40749), (115, 40698),

Gene: Buggy_68 Start: 41712, Stop: 41482, Start Num: 50

Candidate Starts for Buggy_68:

(Start: 50 @41712 has 173 MA's), (Start: 56 @41694 has 1 MA's), (102, 41565), (113, 41526),

Gene: Bumblebee11_59 Start: 40304, Stop: 40080, Start Num: 54

Candidate Starts for Bumblebee11_59:

(Start: 37 @40346 has 21 MA's), (Start: 41 @40334 has 25 MA's), (Start: 54 @40304 has 143 MA's), (112, 40139), (113, 40127),

Gene: Burger_60 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Burger_60:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Burton_58 Start: 40146, Stop: 40012, Start Num: 81

Candidate Starts for Burton_58:

(Start: 81 @40146 has 155 MA's), (115, 40044),

Gene: Buttons_56 Start: 37913, Stop: 37779, Start Num: 81

Candidate Starts for Buttons_56:

(Start: 81 @37913 has 155 MA's), (115, 37811),

Gene: BuzzBuzz_64 Start: 41198, Stop: 40968, Start Num: 52

Candidate Starts for BuzzBuzz_64:

(Start: 41 @41225 has 25 MA's), (Start: 52 @41198 has 51 MA's), (96, 41069),

Gene: Bxb1_53 Start: 38664, Stop: 38530, Start Num: 81

Candidate Starts for Bxb1_53:

(Start: 81 @38664 has 155 MA's), (115, 38562),

Gene: Bxz2_63 Start: 41205, Stop: 40975, Start Num: 52

Candidate Starts for Bxz2_63:

(Start: 41 @41232 has 25 MA's), (Start: 52 @41205 has 51 MA's), (96, 41076), (113, 41022),

Gene: C3_63 Start: 41277, Stop: 41041, Start Num: 50

Candidate Starts for C3_63:

(Start: 38 @41304 has 3 MA's), (Start: 50 @41277 has 173 MA's), (Start: 56 @41259 has 1 MA's), (66, 41226), (95, 41139),

Gene: CRB1_68 Start: 41940, Stop: 41710, Start Num: 50

Candidate Starts for CRB1_68:

(Start: 50 @41940 has 173 MA's), (Start: 56 @41922 has 1 MA's), (102, 41793), (113, 41754),

Gene: CactusRose_56 Start: 39341, Stop: 39207, Start Num: 81

Candidate Starts for CactusRose_56:

(Start: 81 @39341 has 155 MA's), (115, 39239),

Gene: Caelakin_61 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Caelakin_61:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Calvinny_67 Start: 41056, Stop: 40826, Start Num: 53

Candidate Starts for Calvinny_67:

(Start: 53 @41056 has 17 MA's), (102, 40912), (113, 40873),

Gene: Camperdownii_60 Start: 40180, Stop: 39914, Start Num: 37

Candidate Starts for Camperdownii_60:

(Start: 37 @40180 has 21 MA's), (Start: 41 @40168 has 25 MA's), (Start: 54 @40138 has 143 MA's), (58, 40117), (113, 39961), (121, 39922),

Gene: Candra_64 Start: 39104, Stop: 38871, Start Num: 50

Candidate Starts for Candra_64:

(Start: 50 @39104 has 173 MA's), (Start: 56 @39086 has 1 MA's), (60, 39065), (71, 39038), (Start: 75 @39023 has 50 MA's), (95, 38972), (102, 38957),

Gene: Caraxes_68 Start: 39685, Stop: 39446, Start Num: 50

Candidate Starts for Caraxes_68:

(Start: 50 @39685 has 173 MA's), (Start: 56 @39667 has 1 MA's), (60, 39646), (66, 39634), (95, 39547),

Gene: Carlyle_57 Start: 37358, Stop: 37215, Start Num: 75

Candidate Starts for Carlyle_57:

(Start: 75 @37358 has 50 MA's), (115, 37247),

Gene: CartmannCramer_57 Start: 41747, Stop: 41604, Start Num: 75

Candidate Starts for CartmannCramer_57:

(Start: 75 @41747 has 50 MA's),

Gene: CatBus_56 Start: 40152, Stop: 40018, Start Num: 81

Candidate Starts for CatBus_56:

(Start: 81 @40152 has 155 MA's), (115, 40050),

Gene: Catalina_70 Start: 40728, Stop: 40579, Start Num: 50

Candidate Starts for Catalina_70:

(Start: 50 @40728 has 173 MA's), (Start: 56 @40710 has 1 MA's), (71, 40662),

Gene: Caviar_64 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for Caviar_64:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Celestiallunch_64 Start: 40002, Stop: 39859, Start Num: 76

Candidate Starts for Celestiallunch_64:

(Start: 64 @40035 has 29 MA's), (Start: 76 @40002 has 6 MA's), (85, 39984), (95, 39951), (101, 39939),

Gene: Centaur_66 Start: 41075, Stop: 40845, Start Num: 50

Candidate Starts for Centaur_66:

(Start: 50 @41075 has 173 MA's), (Start: 56 @41057 has 1 MA's), (59, 41039), (71, 41009), (113, 40892), (118, 40868),

Gene: CentreCat_62 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for CentreCat_62:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Cerulean_63 Start: 40868, Stop: 40644, Start Num: 54

Candidate Starts for Cerulean_63:

(Start: 37 @40910 has 21 MA's), (Start: 41 @40898 has 25 MA's), (Start: 54 @40868 has 143 MA's), (58, 40847), (113, 40691), (121, 40652),

Gene: Chadwick_60 Start: 39218, Stop: 38952, Start Num: 35

Candidate Starts for Chadwick_60:

(16, 39320), (Start: 35 @39218 has 8 MA's), (112, 39011),

Gene: ChampagnePapi_64 Start: 40867, Stop: 40643, Start Num: 54

Candidate Starts for ChampagnePapi_64:

(Start: 37 @40909 has 21 MA's), (Start: 41 @40897 has 25 MA's), (Start: 54 @40867 has 143 MA's), (58, 40846), (113, 40690), (121, 40651),

Gene: Chanagan_54 Start: 37998, Stop: 37864, Start Num: 81

Candidate Starts for Chanagan_54:

(Start: 81 @37998 has 155 MA's), (115, 37896),

Gene: Changeling_65 Start: 41651, Stop: 41418, Start Num: 50

Candidate Starts for Changeling_65:

(Start: 50 @41651 has 173 MA's), (Start: 56 @41633 has 1 MA's), (66, 41600), (102, 41504), (118, 41441), (121, 41426),

Gene: Chaph_62 Start: 40475, Stop: 40251, Start Num: 54

Candidate Starts for Chaph_62:

(Start: 37 @40517 has 21 MA's), (Start: 41 @40505 has 25 MA's), (Start: 54 @40475 has 143 MA's), (58, 40454), (113, 40298), (121, 40259),

Gene: Chargerpower_63 Start: 38909, Stop: 38718, Start Num: 50

Candidate Starts for Chargerpower_63:

(19, 39011), (Start: 38 @38939 has 3 MA's), (Start: 50 @38909 has 173 MA's), (Start: 56 @38891 has 1 MA's), (60, 38870), (84, 38822), (112, 38777),

Gene: Charm_64 Start: 40061, Stop: 39918, Start Num: 76

Candidate Starts for Charm_64:

(Start: 35 @40181 has 8 MA's), (36, 40175), (Start: 50 @40136 has 173 MA's), (Start: 64 @40094 has 29 MA's), (Start: 76 @40061 has 6 MA's), (85, 40043), (91, 40022), (95, 40010), (101, 39998), (121, 39926),

Gene: Chartreuse_65 Start: 38455, Stop: 38222, Start Num: 50

Candidate Starts for Chartreuse_65:

(Start: 50 @38455 has 173 MA's), (Start: 56 @38437 has 1 MA's), (60, 38416), (71, 38389), (Start: 75 @38374 has 50 MA's), (95, 38323), (102, 38308),

Gene: Chaser_99 Start: 60883, Stop: 61056, Start Num: 64

Candidate Starts for Chaser_99:

(Start: 33 @60790 has 1 MA's), (39, 60805), (44, 60820), (Start: 64 @60883 has 29 MA's), (72, 60907), (Start: 79 @60925 has 18 MA's), (83, 60937), (89, 60952), (90, 60958), (112, 60997),

Gene: Che12_69 Start: 39901, Stop: 39662, Start Num: 50

Candidate Starts for Che12_69:

(Start: 38 @39925 has 3 MA's), (Start: 50 @39901 has 173 MA's), (Start: 56 @39883 has 1 MA's), (66, 39850), (95, 39763), (110, 39730), (121, 39670),

Gene: ChipMunk_68 Start: 42936, Stop: 42706, Start Num: 50

Candidate Starts for ChipMunk_68:

(6, 43188), (9, 43140), (30, 42990), (Start: 50 @42936 has 173 MA's), (Start: 56 @42918 has 1 MA's), (102, 42789), (113, 42750),

Gene: Chiqui_60 Start: 40880, Stop: 40650, Start Num: 54

Candidate Starts for Chiqui_60:

(Start: 37 @40922 has 21 MA's), (Start: 41 @40910 has 25 MA's), (Start: 54 @40880 has 143 MA's), (102, 40736),

Gene: ChristmasHams_52 Start: 37478, Stop: 37344, Start Num: 81

Candidate Starts for ChristmasHams_52:

(66, 37508), (Start: 81 @37478 has 155 MA's),

Gene: Chupacabra_60 Start: 40090, Stop: 39857, Start Num: 48

Candidate Starts for Chupacabra_60:

(Start: 48 @40090 has 56 MA's), (Start: 56 @40069 has 1 MA's),

Gene: ChutneyChips_101 Start: 61397, Stop: 61570, Start Num: 62

Candidate Starts for ChutneyChips_101:

(Start: 62 @61397 has 5 MA's), (72, 61421), (Start: 79 @61439 has 18 MA's), (83, 61451), (89, 61466), (90, 61472), (112, 61511), (115, 61538),

Gene: Ciao_57 Start: 39371, Stop: 39237, Start Num: 81

Candidate Starts for Ciao_57:

(Start: 81 @39371 has 155 MA's), (115, 39269),

Gene: Cici_60 Start: 40319, Stop: 40095, Start Num: 54

Candidate Starts for Cici_60:

(Start: 37 @40361 has 21 MA's), (Start: 41 @40349 has 25 MA's), (Start: 54 @40319 has 143 MA's), (112, 40154), (113, 40142),

Gene: Cindaradix_57 Start: 39937, Stop: 39713, Start Num: 54

Candidate Starts for Cindaradix_57:

(Start: 37 @39979 has 21 MA's), (Start: 41 @39967 has 25 MA's), (Start: 54 @39937 has 143 MA's), (58, 39916),

Gene: Cintron_62 Start: 40587, Stop: 40363, Start Num: 54

Candidate Starts for Cintron_62:

(Start: 37 @40629 has 21 MA's), (Start: 41 @40617 has 25 MA's), (Start: 54 @40587 has 143 MA's), (58, 40566),

Gene: Citius_62 Start: 40485, Stop: 40261, Start Num: 54

Candidate Starts for Citius_62:

(Start: 37 @40527 has 21 MA's), (Start: 41 @40515 has 25 MA's), (Start: 54 @40485 has 143 MA's), (58, 40464), (113, 40308), (121, 40269),

Gene: Clammy_65 Start: 40896, Stop: 40666, Start Num: 54

Candidate Starts for Clammy_65:

(Start: 37 @40938 has 21 MA's), (Start: 41 @40926 has 25 MA's), (Start: 54 @40896 has 143 MA's), (102, 40752), (103, 40749), (115, 40698),

Gene: Clarenza_61 Start: 40503, Stop: 40237, Start Num: 37

Candidate Starts for Clarenza_61:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Claus_98 Start: 61500, Stop: 61682, Start Num: 64

Candidate Starts for Claus_98:

(49, 61455), (61, 61497), (Start: 64 @61500 has 29 MA's), (Start: 73 @61527 has 1 MA's), (Start: 75 @61536 has 50 MA's), (89, 61569), (98, 61593), (112, 61623), (113, 61635), (115, 61650),

Gene: Clautastrophe_94 Start: 61096, Stop: 61230, Start Num: 79

Candidate Starts for Clautastrophe_94:

(Start: 79 @61096 has 18 MA's), (92, 61132), (94, 61135), (100, 61147), (115, 61198),

Gene: CloudWang3_68 Start: 39697, Stop: 39464, Start Num: 50

Candidate Starts for CloudWang3_68:

(Start: 38 @39727 has 3 MA's), (Start: 50 @39697 has 173 MA's), (Start: 56 @39679 has 1 MA's), (60, 39658), (71, 39631), (95, 39565), (107, 39538), (113, 39511), (121, 39472),

Gene: Cocoaberry_62 Start: 40498, Stop: 40244, Start Num: 41

Candidate Starts for Cocoaberry_62:

(Start: 37 @40510 has 21 MA's), (Start: 41 @40498 has 25 MA's), (Start: 54 @40468 has 143 MA's), (58, 40447), (113, 40291), (121, 40252),

Gene: CogOmlette_64 Start: 40140, Stop: 39907, Start Num: 50

Candidate Starts for CogOmlette_64:

(Start: 50 @40140 has 173 MA's), (Start: 56 @40122 has 1 MA's), (71, 40074), (107, 39981), (118, 39930),

Gene: Colbster_66 Start: 41201, Stop: 40944, Start Num: 41

Candidate Starts for Colbster_66:

(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: Colin_64 Start: 41389, Stop: 41159, Start Num: 50

Candidate Starts for Colin_64:

(4, 41761), (13, 41566), (29, 41446), (Start: 38 @41419 has 3 MA's), (Start: 50 @41389 has 173 MA's), (Start: 56 @41371 has 1 MA's), (95, 41257), (102, 41242),

Gene: Commander_61 Start: 40463, Stop: 40239, Start Num: 54

Candidate Starts for Commander_61:

(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: ConceptII_61 Start: 41437, Stop: 41303, Start Num: 81

Candidate Starts for ConceptII_61:

(Start: 81 @41437 has 155 MA's), (115, 41335),

Gene: Connomayer_62 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Connomayer_62:

(Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Conquerage_66 Start: 40403, Stop: 40170, Start Num: 50

Candidate Starts for Conquerage_66:

(Start: 50 @40403 has 173 MA's), (Start: 56 @40385 has 1 MA's), (86, 40298), (95, 40271), (114, 40208), (118, 40193),

Gene: Cookie dough_66 Start: 39083, Stop: 38850, Start Num: 50

Candidate Starts for Cookiedough_66:

(Start: 50 @39083 has 173 MA's), (Start: 56 @39065 has 1 MA's), (60, 39044), (71, 39017), (Start: 75 @39002 has 50 MA's), (95, 38951), (102, 38936),

Gene: Corvo_59 Start: 40902, Stop: 40759, Start Num: 75

Candidate Starts for Corvo_59:

(Start: 75 @40902 has 50 MA's),

Gene: Crispicous1_55 Start: 38394, Stop: 38260, Start Num: 81

Candidate Starts for Crispicous1_55:

(Start: 81 @38394 has 155 MA's), (115, 38292),

Gene: Crossroads_99 Start: 61475, Stop: 61657, Start Num: 64

Candidate Starts for Crossroads_99:

(Start: 64 @61475 has 29 MA's), (Start: 75 @61511 has 50 MA's), (Start: 79 @61517 has 18 MA's), (89, 61544), (98, 61568), (112, 61598), (113, 61610), (115, 61625),

Gene: Crucio_66 Start: 41335, Stop: 41105, Start Num: 50

Candidate Starts for Crucio_66:

(Start: 50 @41335 has 173 MA's), (Start: 56 @41317 has 1 MA's), (59, 41299), (112, 41161),

Gene: Cueylyss_59 Start: 41208, Stop: 40948, Start Num: 75

Candidate Starts for Cueylyss_59:

(Start: 75 @41208 has 50 MA's), (99, 41148), (105, 41130), (125, 41007),

Gene: Cullens_68 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for Cullens_68:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: D32_67 Start: 41301, Stop: 41065, Start Num: 50

Candidate Starts for D32_67:

(15, 41454), (Start: 38 @41328 has 3 MA's), (Start: 50 @41301 has 173 MA's), (Start: 56 @41283 has 1 MA's), (66, 41250), (95, 41163),

Gene: DD5_57 Start: 40238, Stop: 40095, Start Num: 75

Candidate Starts for DD5_57:

(Start: 75 @40238 has 50 MA's), (115, 40127),

Gene: DHan_102 Start: 61776, Stop: 61958, Start Num: 64

Candidate Starts for DHan_102:

(49, 61731), (61, 61773), (Start: 64 @61776 has 29 MA's), (Start: 73 @61803 has 1 MA's), (Start: 75 @61812 has 50 MA's), (89, 61845), (98, 61869), (112, 61899), (113, 61911), (115, 61926),

Gene: DaHudson_67 Start: 41190, Stop: 40933, Start Num: 41

Candidate Starts for DaHudson_67:

(Start: 41 @41190 has 25 MA's), (Start: 52 @41163 has 51 MA's), (96, 41034), (113, 40980),

Gene: DaVinci_64 Start: 38509, Stop: 38276, Start Num: 50

Candidate Starts for DaVinci_64:

(Start: 50 @38509 has 173 MA's), (Start: 56 @38491 has 1 MA's), (60, 38470), (71, 38443), (Start: 75 @38428 has 50 MA's), (95, 38377), (102, 38362),

Gene: Daishi_67 Start: 40066, Stop: 39809, Start Num: 41

Candidate Starts for Daishi_67:

(Start: 41 @40066 has 25 MA's), (Start: 52 @40039 has 51 MA's), (96, 39910), (113, 39856),

Gene: Dalmatian_67 Start: 41532, Stop: 41302, Start Num: 50

Candidate Starts for Dalmatian_67:

(3, 41907), (5, 41886), (14, 41697), (20, 41628), (23, 41616), (Start: 50 @41532 has 173 MA's), (Start: 56 @41514 has 1 MA's), (59, 41496), (113, 41346),

Gene: DanBing_98 Start: 61291, Stop: 61473, Start Num: 64

Candidate Starts for DanBing_98:

(Start: 64 @61291 has 29 MA's), (68, 61300), (Start: 73 @61318 has 1 MA's), (Start: 75 @61327 has 50 MA's), (82, 61342), (89, 61360), (98, 61384), (112, 61414), (113, 61426), (115, 61441),

Gene: Darrell_69 Start: 41231, Stop: 40998, Start Num: 50

Candidate Starts for Darrell_69:

(Start: 50 @41231 has 173 MA's), (Start: 56 @41213 has 1 MA's), (107, 41072), (118, 41021),

Gene: DARTHPhader_63 Start: 41641, Stop: 41408, Start Num: 50

Candidate Starts for DARTHPhader_63:

(Start: 38 @41671 has 3 MA's), (Start: 50 @41641 has 173 MA's), (Start: 56 @41623 has 1 MA's), (66, 41590),

Gene: Datway_60 Start: 40290, Stop: 40066, Start Num: 54

Candidate Starts for Datway_60:

(Start: 37 @40332 has 21 MA's), (Start: 41 @40320 has 25 MA's), (Start: 54 @40290 has 143 MA's), (112, 40125), (113, 40113),

Gene: Deano_60 Start: 40472, Stop: 40248, Start Num: 54

Candidate Starts for Deano_60:

(Start: 37 @40514 has 21 MA's), (Start: 41 @40502 has 25 MA's), (Start: 54 @40472 has 143 MA's), (58, 40451), (113, 40295), (121, 40256),

Gene: DeerParkTS_63 Start: 40456, Stop: 40226, Start Num: 50

Candidate Starts for DeerParkTS_63:

(Start: 50 @40456 has 173 MA's), (Start: 56 @40438 has 1 MA's), (86, 40351), (95, 40324), (102, 40309),

Gene: Deloris_66 Start: 41090, Stop: 40860, Start Num: 50

Candidate Starts for Deloris_66:

(Start: 50 @41090 has 173 MA's), (Start: 56 @41072 has 1 MA's), (102, 40943), (113, 40904),

Gene: Dexes_58 Start: 40275, Stop: 40141, Start Num: 81

Candidate Starts for Dexes_58:

(Start: 81 @40275 has 155 MA's), (115, 40173),

Gene: Dhanush_62 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for Dhanush_62:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Dieselweasel_69 Start: 41173, Stop: 40943, Start Num: 52

Candidate Starts for Dieselweasel_69:

(Start: 41 @41200 has 25 MA's), (Start: 52 @41173 has 51 MA's), (96, 41044), (113, 40990),

Gene: Dignity_68 Start: 41750, Stop: 41520, Start Num: 50

Candidate Starts for Dignity_68:

(Start: 50 @41750 has 173 MA's), (Start: 56 @41732 has 1 MA's), (102, 41603), (113, 41564),

Gene: DirtyDunning_61 Start: 40479, Stop: 40255, Start Num: 54

Candidate Starts for DirtyDunning_61:

(Start: 37 @40521 has 21 MA's), (Start: 41 @40509 has 25 MA's), (Start: 54 @40479 has 143 MA's), (58, 40458), (113, 40302), (121, 40263),

Gene: DontArgue_58 Start: 39140, Stop: 38904, Start Num: 48

Candidate Starts for DontArgue_58:

(Start: 48 @39140 has 56 MA's), (Start: 56 @39119 has 1 MA's), (95, 39005), (97, 39002), (118, 38927),

Gene: Doom_56 Start: 39819, Stop: 39559, Start Num: 75

Candidate Starts for Doom_56:

(Start: 75 @39819 has 50 MA's), (111, 39732), (124, 39630),

Gene: Dorothea_66 Start: 39081, Stop: 38848, Start Num: 50

Candidate Starts for Dorothea_66:

(Start: 50 @39081 has 173 MA's), (Start: 56 @39063 has 1 MA's), (60, 39042), (71, 39015), (95, 38949), (102, 38934),

Gene: Douge_100 Start: 60951, Stop: 61124, Start Num: 64

Candidate Starts for Douge_100:

(Start: 33 @60858 has 1 MA's), (39, 60873), (51, 60909), (Start: 64 @60951 has 29 MA's), (72, 60975), (Start: 79 @60993 has 18 MA's), (83, 61005), (89, 61020), (90, 61026), (112, 61065), (115, 61092),

Gene: Douzhi_100 Start: 61220, Stop: 61393, Start Num: 64

Candidate Starts for Douzhi_100:

(Start: 33 @61127 has 1 MA's), (39, 61142), (46, 61166), (51, 61178), (Start: 64 @61220 has 29 MA's), (72, 61244), (Start: 79 @61262 has 18 MA's), (83, 61274), (89, 61289), (90, 61295), (112, 61334), (115, 61361),

Gene: DrFeelGood_56 Start: 39234, Stop: 39100, Start Num: 81

Candidate Starts for DrFeelGood_56:

(Start: 81 @39234 has 155 MA's), (115, 39132),

Gene: DrSeegs_98 Start: 61845, Stop: 62027, Start Num: 64

Candidate Starts for DrSeegs_98:

(Start: 62 @61842 has 5 MA's), (Start: 64 @61845 has 29 MA's), (72, 61869), (Start: 75 @61881 has 50 MA's), (Start: 79 @61887 has 18 MA's), (98, 61938), (112, 61968), (113, 61980), (115, 61995),

Gene: Drake55_67 Start: 41178, Stop: 40948, Start Num: 50

Candidate Starts for Drake55_67:

(Start: 50 @41178 has 173 MA's), (Start: 56 @41160 has 1 MA's), (59, 41142), (71, 41112), (113, 40995), (118, 40971),

Gene: Drake94_59 Start: 39177, Stop: 38941, Start Num: 48

Candidate Starts for Drake94_59:

(Start: 48 @39177 has 56 MA's), (Start: 56 @39156 has 1 MA's), (60, 39135), (95, 39042), (102, 39027),

Gene: DreamCatcher_62 Start: 40897, Stop: 40763, Start Num: 81
Candidate Starts for DreamCatcher_62:
(Start: 78 @40900 has 3 MA's), (Start: 81 @40897 has 155 MA's), (115, 40795),

Gene: DreamTeam1_64 Start: 39893, Stop: 39750, Start Num: 76
Candidate Starts for DreamTeam1_64:
(Start: 35 @40013 has 8 MA's), (36, 40007), (Start: 50 @39968 has 173 MA's), (Start: 64 @39926 has 29 MA's), (Start: 76 @39893 has 6 MA's), (85, 39875), (91, 39854), (95, 39842), (101, 39830), (121, 39758),

Gene: Dreamboat_59 Start: 39108, Stop: 38848, Start Num: 75
Candidate Starts for Dreamboat_59:
(Start: 75 @39108 has 50 MA's), (111, 39021), (124, 38919),

Gene: DroogsArmy_61 Start: 43358, Stop: 43107, Start Num: 33
Candidate Starts for DroogsArmy_61:
(Start: 33 @43358 has 1 MA's), (Start: 47 @43328 has 3 MA's), (Start: 56 @43307 has 1 MA's), (112, 43166),

Gene: DropBear_63 Start: 40798, Stop: 40568, Start Num: 54
Candidate Starts for DropBear_63:
(Start: 37 @40840 has 21 MA's), (Start: 41 @40828 has 25 MA's), (Start: 54 @40798 has 143 MA's), (68, 40753),

Gene: Druantia_61 Start: 40467, Stop: 40243, Start Num: 54
Candidate Starts for Druantia_61:
(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: DudeLittle_65 Start: 41298, Stop: 41068, Start Num: 50
Candidate Starts for DudeLittle_65:
(3, 41673), (5, 41652), (14, 41463), (20, 41394), (23, 41382), (Start: 50 @41298 has 173 MA's), (Start: 56 @41280 has 1 MA's), (59, 41262), (113, 41112),

Gene: Dulcie_58 Start: 39702, Stop: 39451, Start Num: 80
Candidate Starts for Dulcie_58:
(Start: 80 @39702 has 6 MA's), (99, 39651), (105, 39633),

Gene: DuncansLeg_97 Start: 61287, Stop: 61421, Start Num: 79
Candidate Starts for DuncansLeg_97:
(Start: 73 @61272 has 1 MA's), (Start: 79 @61287 has 18 MA's), (92, 61323), (94, 61326), (100, 61338), (115, 61389),

Gene: Duplo_68 Start: 41338, Stop: 41102, Start Num: 50
Candidate Starts for Duplo_68:
(15, 41491), (Start: 38 @41365 has 3 MA's), (Start: 50 @41338 has 173 MA's), (Start: 56 @41320 has 1 MA's), (66, 41287), (95, 41200),

Gene: Dussy_60 Start: 40880, Stop: 40746, Start Num: 81
Candidate Starts for Dussy_60:
(Start: 81 @40880 has 155 MA's), (115, 40778),

Gene: DustyMartin_64 Start: 40196, Stop: 39963, Start Num: 48
Candidate Starts for DustyMartin_64:
(Start: 38 @40223 has 3 MA's), (Start: 48 @40196 has 56 MA's), (Start: 56 @40175 has 1 MA's), (85, 40091),

Gene: Dynamix_60 Start: 39645, Stop: 39502, Start Num: 75
Candidate Starts for Dynamix_60:
(Start: 75 @39645 has 50 MA's),

Gene: DyoEdafos_103 Start: 61511, Stop: 61684, Start Num: 62
Candidate Starts for DyoEdafos_103:
(60, 61508), (Start: 62 @61511 has 5 MA's), (72, 61535), (Start: 75 @61547 has 50 MA's), (Start: 79 @61553 has 18 MA's), (82, 61562), (83, 61565), (89, 61580), (112, 61625), (115, 61652),

Gene: EZMoney23_63 Start: 41001, Stop: 40768, Start Num: 50
Candidate Starts for EZMoney23_63:
(Start: 50 @41001 has 173 MA's), (Start: 56 @40983 has 1 MA's), (86, 40896), (102, 40854), (118, 40791),

Gene: Eagle_61 Start: 40489, Stop: 40265, Start Num: 54
Candidate Starts for Eagle_61:
(Start: 54 @40489 has 143 MA's), (58, 40468), (113, 40312), (121, 40273),

Gene: EagleEye_68 Start: 40411, Stop: 40178, Start Num: 48
Candidate Starts for EagleEye_68:
(Start: 38 @40438 has 3 MA's), (Start: 48 @40411 has 56 MA's), (Start: 56 @40390 has 1 MA's), (112, 40237),

Gene: Eaglepride_62 Start: 40120, Stop: 39884, Start Num: 48
Candidate Starts for Eaglepride_62:
(Start: 48 @40120 has 56 MA's), (Start: 56 @40099 has 1 MA's), (86, 40012), (112, 39943),

Gene: Eapen_62 Start: 40459, Stop: 40235, Start Num: 54
Candidate Starts for Eapen_62:
(Start: 37 @40501 has 21 MA's), (Start: 41 @40489 has 25 MA's), (Start: 54 @40459 has 143 MA's), (58, 40438), (112, 40294), (113, 40282), (121, 40243),

Gene: Ebony_66 Start: 40197, Stop: 39964, Start Num: 48
Candidate Starts for Ebony_66:
(Start: 48 @40197 has 56 MA's), (Start: 56 @40179 has 1 MA's), (86, 40095), (106, 40035), (109, 40029),

Gene: Echild_66 Start: 40693, Stop: 40460, Start Num: 50
Candidate Starts for Echild_66:
(Start: 50 @40693 has 173 MA's), (Start: 56 @40675 has 1 MA's), (102, 40546), (113, 40507),

Gene: Edison31_58 Start: 39960, Stop: 39727, Start Num: 48
Candidate Starts for Edison31_58:
(Start: 38 @39987 has 3 MA's), (Start: 48 @39960 has 56 MA's), (Start: 56 @39939 has 1 MA's), (85, 39855),

Gene: EdogawaKiddo_66 Start: 40695, Stop: 40546, Start Num: 50
Candidate Starts for EdogawaKiddo_66:

(Start: 50 @40695 has 173 MA's), (Start: 56 @40677 has 1 MA's), (71, 40629),

Gene: Edtherson_57 Start: 39654, Stop: 39520, Start Num: 81

Candidate Starts for Edtherson_57:

(Start: 81 @39654 has 155 MA's), (115, 39552),

Gene: Eidsmoe_66 Start: 40395, Stop: 40162, Start Num: 50

Candidate Starts for Eidsmoe_66:

(Start: 50 @40395 has 173 MA's), (Start: 56 @40377 has 1 MA's), (86, 40290), (95, 40263), (114, 40200), (118, 40185),

Gene: ElTiger69_60 Start: 39467, Stop: 39201, Start Num: 35

Candidate Starts for ElTiger69_60:

(Start: 35 @39467 has 8 MA's), (45, 39434), (113, 39248),

Gene: Elephantoon_66 Start: 40030, Stop: 39797, Start Num: 50

Candidate Starts for Elephantoon_66:

(Start: 50 @40030 has 173 MA's), (Start: 56 @40012 has 1 MA's), (71, 39964), (107, 39871), (118, 39820),

Gene: Elle_64 Start: 38131, Stop: 37913, Start Num: 48

Candidate Starts for Elle_64:

(Start: 48 @38131 has 56 MA's), (Start: 56 @38113 has 1 MA's), (58, 38107), (Start: 75 @38056 has 50 MA's), (Start: 78 @38053 has 3 MA's), (113, 37957),

Gene: Ellson_95 Start: 61602, Stop: 61736, Start Num: 79

Candidate Starts for Ellson_95:

(Start: 73 @61587 has 1 MA's), (Start: 79 @61602 has 18 MA's), (92, 61638), (94, 61641), (100, 61653), (115, 61704),

Gene: EmyBug_65 Start: 40397, Stop: 40164, Start Num: 50

Candidate Starts for EmyBug_65:

(Start: 50 @40397 has 173 MA's), (Start: 56 @40379 has 1 MA's), (86, 40292), (95, 40265), (114, 40202), (118, 40187),

Gene: EnzoK_58 Start: 37486, Stop: 37352, Start Num: 81

Candidate Starts for EnzoK_58:

(Start: 81 @37486 has 155 MA's),

Gene: EpicPhail_69 Start: 41174, Stop: 40944, Start Num: 52

Candidate Starts for EpicPhail_69:

(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: Equemioh13_65 Start: 40980, Stop: 40750, Start Num: 50

Candidate Starts for Equemioh13_65:

(Start: 50 @40980 has 173 MA's), (Start: 56 @40962 has 1 MA's), (59, 40944), (71, 40914), (113, 40797), (118, 40773),

Gene: EricB_65 Start: 39061, Stop: 38828, Start Num: 50

Candidate Starts for EricB_65:

(Start: 50 @39061 has 173 MA's), (Start: 56 @39043 has 1 MA's), (60, 39022), (71, 38995), (Start: 75 @38980 has 50 MA's), (95, 38929), (102, 38914),

Gene: Eris_61 Start: 40509, Stop: 40255, Start Num: 41

Candidate Starts for Eris_61:

(Start: 41 @40509 has 25 MA's), (Start: 54 @40479 has 143 MA's), (58, 40458), (113, 40302), (121, 40263),

Gene: Eros_62 Start: 40466, Stop: 40242, Start Num: 54

Candidate Starts for Eros_62:

(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Espresso_57 Start: 40290, Stop: 40156, Start Num: 81

Candidate Starts for Espresso_57:

(Start: 81 @40290 has 155 MA's), (115, 40188),

Gene: Et2Brutus_65 Start: 40160, Stop: 39927, Start Num: 48

Candidate Starts for Et2Brutus_65:

(Start: 48 @40160 has 56 MA's), (Start: 56 @40142 has 1 MA's), (86, 40058), (106, 39998), (109, 39992),

Gene: EtoileNova_63 Start: 40850, Stop: 40647, Start Num: 54

Candidate Starts for EtoileNova_63:

(Start: 41 @40880 has 25 MA's), (Start: 54 @40850 has 143 MA's), (100, 40721), (121, 40655),

Gene: Euphoria_56 Start: 39547, Stop: 39404, Start Num: 75

Candidate Starts for Euphoria_56:

(Start: 75 @39547 has 50 MA's),

Gene: Eurydice_63 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Eurydice_63:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: EvilGenius_67 Start: 42937, Stop: 42707, Start Num: 50

Candidate Starts for EvilGenius_67:

(6, 43189), (9, 43141), (30, 42991), (Start: 50 @42937 has 173 MA's), (Start: 56 @42919 has 1 MA's), (102, 42790), (113, 42751),

Gene: ExplosioNervosa_66 Start: 40463, Stop: 40230, Start Num: 50

Candidate Starts for ExplosioNervosa_66:

(Start: 50 @40463 has 173 MA's), (Start: 56 @40445 has 1 MA's), (86, 40358), (95, 40331), (114, 40268), (118, 40253),

Gene: Eyeball_59 Start: 39749, Stop: 39615, Start Num: 81

Candidate Starts for Eyeball_59:

(Start: 81 @39749 has 155 MA's), (115, 39647),

Gene: Faith1_99 Start: 61400, Stop: 61582, Start Num: 64

Candidate Starts for Faith1_99:

(Start: 64 @61400 has 29 MA's), (Start: 75 @61436 has 50 MA's), (Start: 79 @61442 has 18 MA's), (89, 61469), (90, 61475), (98, 61493), (112, 61523), (113, 61535),

Gene: Fajezeel_59 Start: 39720, Stop: 39586, Start Num: 81

Candidate Starts for Fajezeel_59:

(Start: 81 @39720 has 155 MA's), (115, 39618),

Gene: Fameo_66 Start: 41657, Stop: 41427, Start Num: 50

Candidate Starts for Fameo_66:

(23, 41744), (Start: 34 @41702 has 1 MA's), (Start: 38 @41690 has 3 MA's), (Start: 50 @41657 has 173 MA's), (Start: 56 @41639 has 1 MA's), (59, 41621), (102, 41510), (113, 41471),

Gene: Farber_68 Start: 41160, Stop: 40930, Start Num: 52

Candidate Starts for Farber_68:

(Start: 41 @41187 has 25 MA's), (Start: 52 @41160 has 51 MA's), (96, 41031), (113, 40977),

Gene: FarmResident_101 Start: 61107, Stop: 61280, Start Num: 64

Candidate Starts for FarmResident_101:

(Start: 33 @61014 has 1 MA's), (39, 61029), (46, 61053), (51, 61065), (Start: 64 @61107 has 29 MA's), (72, 61131), (Start: 79 @61149 has 18 MA's), (83, 61161), (89, 61176), (90, 61182), (112, 61221), (115, 61248),

Gene: Fascinus_54 Start: 39859, Stop: 39725, Start Num: 81

Candidate Starts for Fascinus_54:

(Start: 81 @39859 has 155 MA's), (115, 39757),

Gene: Fayely_66 Start: 40364, Stop: 40131, Start Num: 50

Candidate Starts for Fayely_66:

(Start: 50 @40364 has 173 MA's), (Start: 56 @40346 has 1 MA's), (86, 40259), (95, 40232), (114, 40169), (118, 40154),

Gene: Fenn_61 Start: 41648, Stop: 41514, Start Num: 81

Candidate Starts for Fenn_61:

(Start: 81 @41648 has 155 MA's), (115, 41546),

Gene: Fernando_68 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for Fernando_68:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: Fibonacci_66 Start: 40166, Stop: 39933, Start Num: 48

Candidate Starts for Fibonacci_66:

(Start: 48 @40166 has 56 MA's), (Start: 56 @40148 has 1 MA's), (86, 40064), (106, 40004), (109, 39998),

Gene: Finemlucis_100 Start: 62460, Stop: 62642, Start Num: 64

Candidate Starts for Finemlucis_100:

(Start: 64 @62460 has 29 MA's), (Start: 75 @62496 has 50 MA's), (Start: 79 @62502 has 18 MA's), (89, 62529), (90, 62535), (98, 62553), (112, 62583), (113, 62595),

Gene: Finnry_96 Start: 61449, Stop: 61583, Start Num: 79

Candidate Starts for Finnry_96:

(Start: 79 @61449 has 18 MA's), (92, 61485), (94, 61488), (100, 61500), (115, 61551),

Gene: FiringLine_66 Start: 41316, Stop: 41086, Start Num: 50

Candidate Starts for FiringLine_66:

(Start: 50 @41316 has 173 MA's), (Start: 56 @41298 has 1 MA's), (59, 41280), (112, 41142),

Gene: First_0067 Start: 41317, Stop: 41087, Start Num: 50

Candidate Starts for First_0067:

(Start: 50 @41317 has 173 MA's), (Start: 56 @41299 has 1 MA's), (102, 41170), (113, 41131),

Gene: Flare16_65 Start: 40736, Stop: 40506, Start Num: 50

Candidate Starts for Flare16_65:

(Start: 50 @40736 has 173 MA's), (Start: 56 @40718 has 1 MA's), (59, 40700), (71, 40670), (113, 40553), (118, 40529),

Gene: Flaverint_67 Start: 40624, Stop: 40391, Start Num: 48

Candidate Starts for Flaverint_67:

(Start: 48 @40624 has 56 MA's), (Start: 56 @40606 has 1 MA's), (86, 40522), (106, 40462), (109, 40456),

Gene: Florean_62 Start: 40463, Stop: 40239, Start Num: 54

Candidate Starts for Florean_62:

(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: Flux_62 Start: 40493, Stop: 40239, Start Num: 41

Candidate Starts for Flux_62:

(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: FlyCatcher_67 Start: 44015, Stop: 43773, Start Num: 47

Candidate Starts for FlyCatcher_67:

(12, 44180), (17, 44129), (18, 44096), (Start: 47 @44015 has 3 MA's), (Start: 56 @43994 has 1 MA's), (58, 43982), (112, 43832),

Gene: ForesterFrank_62 Start: 41646, Stop: 41413, Start Num: 50

Candidate Starts for ForesterFrank_62:

(Start: 38 @41676 has 3 MA's), (Start: 50 @41646 has 173 MA's), (Start: 56 @41628 has 1 MA's), (66, 41595), (86, 41541), (95, 41514), (102, 41499), (118, 41436),

Gene: Forsytheast_57 Start: 39132, Stop: 38998, Start Num: 81

Candidate Starts for Forsytheast_57:

(Start: 81 @39132 has 155 MA's), (115, 39030),

Gene: Francis47_57 Start: 40917, Stop: 40783, Start Num: 81

Candidate Starts for Francis47_57:

(Start: 81 @40917 has 155 MA's), (115, 40815),

Gene: Fred313_63 Start: 40492, Stop: 40262, Start Num: 54

Candidate Starts for Fred313_63:

(Start: 37 @40534 has 21 MA's), (Start: 41 @40522 has 25 MA's), (Start: 54 @40492 has 143 MA's), (68, 40447),

Gene: Froghopper_55 Start: 38579, Stop: 38436, Start Num: 75

Candidate Starts for Froghopper_55:

(Start: 75 @38579 has 50 MA's),

Gene: Funston_61 Start: 40506, Stop: 40240, Start Num: 37

Candidate Starts for Funston_61:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's),
(58, 40443), (113, 40287), (121, 40248),

Gene: Fushigi_55 Start: 38393, Stop: 38259, Start Num: 81
Candidate Starts for Fushigi_55:
(Start: 81 @38393 has 155 MA's), (115, 38291),

Gene: GMonster_55 Start: 38356, Stop: 38222, Start Num: 81
Candidate Starts for GMonster_55:
(Start: 81 @38356 has 155 MA's), (115, 38254),

Gene: Gabriela_99 Start: 60746, Stop: 60928, Start Num: 64
Candidate Starts for Gabriela_99:
(Start: 64 @60746 has 29 MA's), (Start: 75 @60782 has 50 MA's), (Start: 79 @60788 has 18 MA's),
(89, 60815), (90, 60821), (98, 60839), (112, 60869), (113, 60881),

Gene: Gachnar_57 Start: 39213, Stop: 39070, Start Num: 75
Candidate Starts for Gachnar_57:
(Start: 75 @39213 has 50 MA's), (115, 39102),

Gene: Gadost_62 Start: 40468, Stop: 40244, Start Num: 54
Candidate Starts for Gadost_62:
(Start: 37 @40510 has 21 MA's), (Start: 41 @40498 has 25 MA's), (Start: 54 @40468 has 143 MA's),
(58, 40447), (113, 40291), (121, 40252),

Gene: GageAP_59 Start: 40447, Stop: 40187, Start Num: 75
Candidate Starts for GageAP_59:
(Start: 75 @40447 has 50 MA's), (111, 40360), (122, 40300), (123, 40297),

Gene: Gail_67 Start: 41407, Stop: 41258, Start Num: 50
Candidate Starts for Gail_67:
(Start: 50 @41407 has 173 MA's), (Start: 56 @41389 has 1 MA's), (60, 41368),

Gene: Gandalf20_61 Start: 41575, Stop: 41441, Start Num: 81
Candidate Starts for Gandalf20_61:
(Start: 81 @41575 has 155 MA's), (115, 41473),

Gene: Garak_68 Start: 39552, Stop: 39319, Start Num: 50
Candidate Starts for Garak_68:
(Start: 38 @39582 has 3 MA's), (Start: 50 @39552 has 173 MA's), (Start: 56 @39534 has 1 MA's), (60,
39513), (71, 39486), (95, 39420), (107, 39393), (113, 39366), (121, 39327),

Gene: Gardann_99 Start: 61193, Stop: 61375, Start Num: 64
Candidate Starts for Gardann_99:
(Start: 64 @61193 has 29 MA's), (Start: 75 @61229 has 50 MA's), (Start: 79 @61235 has 18 MA's),
(89, 61262), (90, 61268), (98, 61286), (112, 61316), (113, 61328),

Gene: GaugeLDP_62 Start: 40923, Stop: 40693, Start Num: 48
Candidate Starts for GaugeLDP_62:
(26, 41004), (Start: 38 @40953 has 3 MA's), (Start: 48 @40923 has 56 MA's), (55, 40905), (Start: 56
@40902 has 1 MA's), (97, 40788),

Gene: Gemma_67 Start: 41052, Stop: 40822, Start Num: 53

Candidate Starts for Gemma_67:

(Start: 53 @41052 has 17 MA's), (102, 40908), (113, 40869),

Gene: Georgie2_67 Start: 41361, Stop: 41131, Start Num: 50

Candidate Starts for Georgie2_67:

(Start: 50 @41361 has 173 MA's), (Start: 56 @41343 has 1 MA's), (59, 41325), (112, 41187),

Gene: Gilberta_67 Start: 40617, Stop: 40384, Start Num: 48

Candidate Starts for Gilberta_67:

(Start: 48 @40617 has 56 MA's), (Start: 56 @40599 has 1 MA's), (86, 40515), (106, 40455), (109, 40449),

Gene: GingkoMaracino_68 Start: 41056, Stop: 40826, Start Num: 52

Candidate Starts for GingkoMaracino_68:

(Start: 41 @41083 has 25 MA's), (Start: 52 @41056 has 51 MA's), (96, 40927), (113, 40873),

Gene: Giroux_67 Start: 40895, Stop: 40665, Start Num: 54

Candidate Starts for Giroux_67:

(Start: 37 @40937 has 21 MA's), (Start: 41 @40925 has 25 MA's), (Start: 54 @40895 has 143 MA's), (102, 40751), (103, 40748), (115, 40697),

Gene: Gladiator_64 Start: 38807, Stop: 38544, Start Num: 38

Candidate Starts for Gladiator_64:

(Start: 38 @38807 has 3 MA's), (Start: 40 @38795 has 1 MA's), (Start: 50 @38777 has 173 MA's), (Start: 56 @38759 has 1 MA's), (60, 38738), (71, 38711), (95, 38645), (107, 38618), (113, 38591), (121, 38552),

Gene: Gompeii16_57 Start: 40581, Stop: 40447, Start Num: 81

Candidate Starts for Gompeii16_57:

(Start: 81 @40581 has 155 MA's),

Gene: Goose_62 Start: 39906, Stop: 39673, Start Num: 48

Candidate Starts for Goose_62:

(Start: 48 @39906 has 56 MA's), (Start: 56 @39885 has 1 MA's),

Gene: Graduation_62 Start: 41280, Stop: 41020, Start Num: 75

Candidate Starts for Graduation_62:

(Start: 75 @41280 has 50 MA's), (99, 41220), (105, 41202), (125, 41079),

Gene: Gratitude_63 Start: 40980, Stop: 40750, Start Num: 50

Candidate Starts for Gratitude_63:

(Start: 50 @40980 has 173 MA's), (Start: 56 @40962 has 1 MA's), (59, 40944), (71, 40914), (113, 40797), (118, 40773),

Gene: GrecoEtereo_58 Start: 39479, Stop: 39345, Start Num: 81

Candidate Starts for GrecoEtereo_58:

(Start: 81 @39479 has 155 MA's), (115, 39377),

Gene: GreedyLawyer_63 Start: 39068, Stop: 38835, Start Num: 50

Candidate Starts for GreedyLawyer_63:

(Start: 50 @39068 has 173 MA's), (Start: 56 @39050 has 1 MA's), (60, 39029), (71, 39002), (Start: 75 @38987 has 50 MA's), (95, 38936), (102, 38921),

Gene: Greg_59 Start: 39720, Stop: 39586, Start Num: 81

Candidate Starts for Greg_59:

(Start: 81 @39720 has 155 MA's), (115, 39618),

Gene: Grif_68 Start: 41245, Stop: 41015, Start Num: 52

Candidate Starts for Grif_68:

(Start: 41 @41272 has 25 MA's), (Start: 52 @41245 has 51 MA's), (96, 41116), (113, 41062),

Gene: GroundGoblin_57 Start: 40102, Stop: 39968, Start Num: 81

Candidate Starts for GroundGoblin_57:

(Start: 81 @40102 has 155 MA's), (115, 40000),

Gene: Groupthink_69 Start: 41056, Stop: 40826, Start Num: 53

Candidate Starts for Groupthink_69:

(Start: 53 @41056 has 17 MA's), (102, 40912), (113, 40873),

Gene: Grub_68 Start: 41162, Stop: 40932, Start Num: 52

Candidate Starts for Grub_68:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: Grum1_67 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for Grum1_67:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: Gruunaga_67 Start: 39476, Stop: 39243, Start Num: 50

Candidate Starts for Gruunaga_67:

(Start: 38 @39506 has 3 MA's), (Start: 50 @39476 has 173 MA's), (Start: 56 @39458 has 1 MA's), (60, 39437), (71, 39410), (95, 39344), (113, 39290), (121, 39251),

Gene: GtownJaz_68 Start: 41172, Stop: 40942, Start Num: 52

Candidate Starts for GtownJaz_68:

(Start: 41 @41199 has 25 MA's), (Start: 52 @41172 has 51 MA's), (96, 41043), (113, 40989),

Gene: GuuelaD_96 Start: 61359, Stop: 61541, Start Num: 64

Candidate Starts for GuuelaD_96:

(Start: 64 @61359 has 29 MA's), (Start: 75 @61395 has 50 MA's), (Start: 79 @61401 has 18 MA's), (89, 61428), (90, 61434), (98, 61452), (112, 61482), (113, 61494),

Gene: Gwendoluna_61 Start: 41840, Stop: 41589, Start Num: 80

Candidate Starts for Gwendoluna_61:

(Start: 80 @41840 has 6 MA's), (99, 41789), (105, 41771),

Gene: Gwennie_65 Start: 41174, Stop: 40944, Start Num: 52

Candidate Starts for Gwennie_65:

(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: Gyzlar_54 Start: 37793, Stop: 37659, Start Num: 81

Candidate Starts for Gyzlar_54:

(Start: 81 @37793 has 155 MA's), (115, 37691),

Gene: HINdeR_62 Start: 43023, Stop: 42802, Start Num: 47

Candidate Starts for HINdeR_62:

(12, 43197), (17, 43146), (Start: 47 @43023 has 3 MA's), (Start: 56 @43002 has 1 MA's),

Gene: Hafay_100 Start: 61495, Stop: 61677, Start Num: 64

Candidate Starts for Hafay_100:

(49, 61450), (61, 61492), (Start: 64 @61495 has 29 MA's), (Start: 73 @61522 has 1 MA's), (Start: 75 @61531 has 50 MA's), (89, 61564), (98, 61588), (112, 61618), (113, 61630), (115, 61645),

Gene: HamSlice_59 Start: 40504, Stop: 40238, Start Num: 37

Candidate Starts for HamSlice_59:

(Start: 37 @40504 has 21 MA's), (Start: 41 @40492 has 25 MA's), (Start: 54 @40462 has 143 MA's), (58, 40441), (113, 40285), (121, 40246),

Gene: Hami1_53 Start: 34833, Stop: 34699, Start Num: 81

Candidate Starts for Hami1_53:

(Start: 81 @34833 has 155 MA's), (115, 34731),

Gene: Hammer_67 Start: 39083, Stop: 38850, Start Num: 50

Candidate Starts for Hammer_67:

(Start: 38 @39113 has 3 MA's), (Start: 50 @39083 has 173 MA's), (Start: 56 @39065 has 1 MA's), (60, 39044), (71, 39017), (95, 38951), (113, 38897), (121, 38858),

Gene: HanShotFirst_59 Start: 40295, Stop: 40161, Start Num: 81

Candidate Starts for HanShotFirst_59:

(Start: 81 @40295 has 155 MA's), (115, 40193),

Gene: Hanray_66 Start: 40727, Stop: 40494, Start Num: 50

Candidate Starts for Hanray_66:

(Start: 50 @40727 has 173 MA's), (Start: 56 @40709 has 1 MA's), (86, 40622), (95, 40595), (114, 40532), (118, 40517),

Gene: Happiness_61 Start: 40450, Stop: 40226, Start Num: 54

Candidate Starts for Happiness_61:

(Start: 37 @40492 has 21 MA's), (Start: 41 @40480 has 25 MA's), (Start: 54 @40450 has 143 MA's), (58, 40429), (113, 40273), (121, 40234),

Gene: HarryHoudini_66 Start: 41179, Stop: 40949, Start Num: 50

Candidate Starts for HarryHoudini_66:

(Start: 50 @41179 has 173 MA's), (Start: 56 @41161 has 1 MA's), (59, 41143), (71, 41113), (113, 40996), (118, 40972),

Gene: HarryOW_57 Start: 38977, Stop: 38843, Start Num: 81

Candidate Starts for HarryOW_57:

(Start: 81 @38977 has 155 MA's), (115, 38875),

Gene: HashRod_69 Start: 41198, Stop: 40968, Start Num: 52

Candidate Starts for HashRod_69:

(Start: 41 @41225 has 25 MA's), (Start: 52 @41198 has 51 MA's), (96, 41069),

Gene: HaveUMetTed_69 Start: 41041, Stop: 40811, Start Num: 53

Candidate Starts for HaveUMetTed_69:

(Start: 53 @41041 has 17 MA's), (102, 40897), (113, 40858),

Gene: Heathen_65 Start: 40587, Stop: 40357, Start Num: 54

Candidate Starts for Heathen_65:

(Start: 37 @40629 has 21 MA's), (Start: 41 @40617 has 25 MA's), (Start: 54 @40587 has 143 MA's), (68, 40542),

Gene: Heffalump_65 Start: 42125, Stop: 41895, Start Num: 50

Candidate Starts for Heffalump_65:

(23, 42212), (Start: 38 @42158 has 3 MA's), (Start: 50 @42125 has 173 MA's), (Start: 56 @42107 has 1 MA's), (59, 42089), (113, 41939),

Gene: HelDan_64 Start: 40803, Stop: 40573, Start Num: 54

Candidate Starts for HelDan_64:

(Start: 37 @40845 has 21 MA's), (Start: 41 @40833 has 25 MA's), (Start: 54 @40803 has 143 MA's), (68, 40758),

Gene: Heliosoles_67 Start: 41059, Stop: 40829, Start Num: 53

Candidate Starts for Heliosoles_67:

(Start: 53 @41059 has 17 MA's), (102, 40915), (113, 40876),

Gene: Helmet_69 Start: 39552, Stop: 39319, Start Num: 50

Candidate Starts for Helmet_69:

(Start: 38 @39582 has 3 MA's), (Start: 50 @39552 has 173 MA's), (Start: 56 @39534 has 1 MA's), (60, 39513), (71, 39486), (95, 39420), (107, 39393), (113, 39366), (121, 39327),

Gene: Herbertwm_62 Start: 40747, Stop: 40508, Start Num: 50

Candidate Starts for Herbertwm_62:

(28, 40801), (Start: 50 @40747 has 173 MA's), (Start: 56 @40729 has 1 MA's),

Gene: Hercules11_68 Start: 41206, Stop: 40949, Start Num: 41

Candidate Starts for Hercules11_68:

(Start: 41 @41206 has 25 MA's), (Start: 52 @41179 has 51 MA's), (96, 41050), (113, 40996),

Gene: Hermia_58 Start: 40152, Stop: 40018, Start Num: 81

Candidate Starts for Hermia_58:

(Start: 81 @40152 has 155 MA's), (115, 40050),

Gene: HermioneGrange_59 Start: 39701, Stop: 39567, Start Num: 81

Candidate Starts for HermioneGrange_59:

(Start: 81 @39701 has 155 MA's), (115, 39599),

Gene: Hexamo_67 Start: 39212, Stop: 38949, Start Num: 38

Candidate Starts for Hexamo_67:

(Start: 38 @39212 has 3 MA's), (Start: 50 @39182 has 173 MA's), (Start: 56 @39164 has 1 MA's), (60, 39143), (71, 39116), (95, 39050), (107, 39023), (113, 38996), (121, 38957),

Gene: HippoHollow_65 Start: 42630, Stop: 42397, Start Num: 50

Candidate Starts for HippoHollow_65:

(23, 42714), (Start: 50 @42630 has 173 MA's), (Start: 56 @42612 has 1 MA's),

Gene: Horex_66 Start: 40743, Stop: 40510, Start Num: 50

Candidate Starts for Horex_66:

(Start: 50 @40743 has 173 MA's), (Start: 56 @40725 has 1 MA's), (86, 40638), (95, 40611), (114, 40548), (118, 40533),

Gene: Holli_61 Start: 40254, Stop: 40030, Start Num: 54

Candidate Starts for Holli_61:

(Start: 37 @40296 has 21 MA's), (Start: 41 @40284 has 25 MA's), (Start: 54 @40254 has 143 MA's), (58, 40233), (113, 40077), (121, 40038),

Gene: Homines_50 Start: 35670, Stop: 35527, Start Num: 75

Candidate Starts for Homines_50:

(Start: 75 @35670 has 50 MA's), (115, 35559),

Gene: Hookmount_64 Start: 40847, Stop: 40644, Start Num: 54

Candidate Starts for Hookmount_64:

(Start: 41 @40877 has 25 MA's), (Start: 54 @40847 has 143 MA's), (100, 40718), (121, 40652),

Gene: Hoot_61 Start: 36919, Stop: 36686, Start Num: 50

Candidate Starts for Hoot_61:

(Start: 50 @36919 has 173 MA's), (Start: 56 @36901 has 1 MA's), (60, 36880), (71, 36853), (Start: 75 @36838 has 50 MA's), (95, 36787), (102, 36772),

Gene: Hope4ever_60 Start: 40461, Stop: 40327, Start Num: 81

Candidate Starts for Hope4ever_60:

(Start: 81 @40461 has 155 MA's), (115, 40359),

Gene: HortumSL17_69 Start: 40727, Stop: 40578, Start Num: 50

Candidate Starts for HortumSL17_69:

(Start: 50 @40727 has 173 MA's), (Start: 56 @40709 has 1 MA's), (71, 40661),

Gene: Houdini22_61 Start: 40468, Stop: 40244, Start Num: 54

Candidate Starts for Houdini22_61:

(Start: 37 @40510 has 21 MA's), (Start: 41 @40498 has 25 MA's), (Start: 54 @40468 has 143 MA's), (58, 40447), (113, 40291), (121, 40252),

Gene: Hutc2_65 Start: 40166, Stop: 39933, Start Num: 48

Candidate Starts for Hutc2_65:

(Start: 48 @40166 has 56 MA's), (Start: 56 @40148 has 1 MA's), (86, 40064), (106, 40004), (109, 39998),

Gene: Huxley_60 Start: 40528, Stop: 40304, Start Num: 54

Candidate Starts for Huxley_60:

(Start: 37 @40570 has 21 MA's), (Start: 41 @40558 has 25 MA's), (Start: 54 @40528 has 143 MA's), (58, 40507), (113, 40351), (121, 40312),

Gene: ICleared_61 Start: 40496, Stop: 40272, Start Num: 54

Candidate Starts for ICleared_61:

(Start: 37 @40538 has 21 MA's), (Start: 41 @40526 has 25 MA's), (Start: 54 @40496 has 143 MA's), (58, 40475), (113, 40319), (121, 40280),

Gene: ILeeKay_61 Start: 40319, Stop: 40185, Start Num: 81

Candidate Starts for ILeeKay_61:

(Start: 81 @40319 has 155 MA's), (115, 40217),

Gene: Iceman_62 Start: 40753, Stop: 40529, Start Num: 54

Candidate Starts for Iceman_62:

(Start: 37 @40795 has 21 MA's), (Start: 41 @40783 has 25 MA's), (Start: 54 @40753 has 143 MA's), (58, 40732), (113, 40576), (121, 40537),

Gene: Ichabod_62 Start: 41147, Stop: 41004, Start Num: 75

Candidate Starts for Ichabod_62:

(Start: 75 @41147 has 50 MA's), (115, 41036),

Gene: Idleandcovert_65 Start: 40896, Stop: 40666, Start Num: 54

Candidate Starts for Idleandcovert_65:

(Start: 37 @40938 has 21 MA's), (Start: 41 @40926 has 25 MA's), (Start: 54 @40896 has 143 MA's), (102, 40752), (103, 40749), (115, 40698),

Gene: IgnatiusPatJac_58 Start: 39784, Stop: 39650, Start Num: 81

Candidate Starts for IgnatiusPatJac_58:

(Start: 81 @39784 has 155 MA's), (115, 39682),

Gene: Indra_70 Start: 39553, Stop: 39320, Start Num: 50

Candidate Starts for Indra_70:

(Start: 38 @39583 has 3 MA's), (Start: 50 @39553 has 173 MA's), (Start: 56 @39535 has 1 MA's), (60, 39514), (71, 39487), (95, 39421), (107, 39394), (113, 39367), (121, 39328),

Gene: Insomnia_67 Start: 40605, Stop: 40372, Start Num: 48

Candidate Starts for Insomnia_67:

(Start: 48 @40605 has 56 MA's), (Start: 56 @40587 has 1 MA's), (86, 40503), (106, 40443), (109, 40437),

Gene: Inyanga_53 Start: 38018, Stop: 37884, Start Num: 81

Candidate Starts for Inyanga_53:

(Start: 81 @38018 has 155 MA's), (115, 37916),

Gene: Iqorha_53 Start: 38017, Stop: 37883, Start Num: 81

Candidate Starts for Iqorha_53:

(Start: 81 @38017 has 155 MA's), (115, 37915),

Gene: Iracema64_63 Start: 40773, Stop: 40507, Start Num: 37

Candidate Starts for Iracema64_63:

(Start: 37 @40773 has 21 MA's), (Start: 41 @40761 has 25 MA's), (Start: 54 @40731 has 143 MA's), (58, 40710), (113, 40554), (121, 40515),

Gene: IronMan_64 Start: 41884, Stop: 41648, Start Num: 48

Candidate Starts for IronMan_64:

(26, 41962), (Start: 38 @41911 has 3 MA's), (Start: 48 @41884 has 56 MA's), (Start: 56 @41863 has 1 MA's), (118, 41671), (121, 41656),

Gene: Isca_63 Start: 40349, Stop: 40119, Start Num: 54

Candidate Starts for Isca_63:

(Start: 37 @40391 has 21 MA's), (Start: 41 @40379 has 25 MA's), (Start: 54 @40349 has 143 MA's), (83, 40259), (102, 40205),

Gene: Isiphiwo_64 Start: 38635, Stop: 38402, Start Num: 50

Candidate Starts for Isiphiwo_64:

(Start: 50 @38635 has 173 MA's), (Start: 56 @38617 has 1 MA's), (60, 38596), (71, 38569), (Start: 75 @38554 has 50 MA's), (95, 38503), (102, 38488),

Gene: Itos_99 Start: 60306, Stop: 60488, Start Num: 64

Candidate Starts for Itos_99:

(Start: 64 @60306 has 29 MA's), (Start: 75 @60342 has 50 MA's), (Start: 79 @60348 has 18 MA's), (89, 60375), (90, 60381), (98, 60399), (112, 60429), (113, 60441),

Gene: Iwokeuplikedis_67 Start: 40902, Stop: 40669, Start Num: 48

Candidate Starts for Iwokeuplikedis_67:

(21, 40989), (30, 40953), (Start: 48 @40902 has 56 MA's), (Start: 56 @40881 has 1 MA's), (59, 40863), (95, 40770), (97, 40767), (118, 40692),

Gene: JC27_61 Start: 40499, Stop: 40248, Start Num: 80

Candidate Starts for JC27_61:

(Start: 77 @40502 has 4 MA's), (Start: 80 @40499 has 6 MA's), (99, 40448), (105, 40430), (116, 40385),

Gene: JF2_63 Start: 39044, Stop: 38814, Start Num: 54

Candidate Starts for JF2_63:

(Start: 37 @39086 has 21 MA's), (Start: 41 @39074 has 25 MA's), (Start: 54 @39044 has 143 MA's), (83, 38954),

Gene: JF4_63 Start: 39044, Stop: 38814, Start Num: 54

Candidate Starts for JF4_63:

(Start: 37 @39086 has 21 MA's), (Start: 41 @39074 has 25 MA's), (Start: 54 @39044 has 143 MA's), (83, 38954),

Gene: JHC117_66 Start: 41169, Stop: 40939, Start Num: 52

Candidate Starts for JHC117_66:

(Start: 41 @41196 has 25 MA's), (Start: 52 @41169 has 51 MA's), (96, 41040), (113, 40986),

Gene: Jaan_65 Start: 42053, Stop: 41820, Start Num: 48

Candidate Starts for Jaan_65:

(Start: 34 @42092 has 1 MA's), (Start: 38 @42080 has 3 MA's), (Start: 48 @42053 has 56 MA's), (Start: 56 @42032 has 1 MA's), (118, 41843), (121, 41828),

Gene: Jabiru_59 Start: 39387, Stop: 39121, Start Num: 35

Candidate Starts for Jabiru_59:

(Start: 35 @39387 has 8 MA's), (Start: 41 @39363 has 25 MA's), (45, 39354), (113, 39168),

Gene: Jabith_67 Start: 40606, Stop: 40373, Start Num: 48

Candidate Starts for Jabith_67:

(Start: 35 @40648 has 8 MA's), (Start: 48 @40606 has 56 MA's), (Start: 56 @40588 has 1 MA's), (86, 40504), (106, 40444), (109, 40438),

Gene: JackSparrow_61 Start: 40371, Stop: 40237, Start Num: 81

Candidate Starts for JackSparrow_61:

(Start: 81 @40371 has 155 MA's), (115, 40269),

Gene: Jasper_59 Start: 38994, Stop: 38734, Start Num: 75

Candidate Starts for Jasper_59:

(Start: 75 @38994 has 50 MA's), (111, 38907), (124, 38805),

Gene: Jaykayelowell_59 Start: 40457, Stop: 40233, Start Num: 54

Candidate Starts for Jaykayelowell_59:

(Start: 37 @40499 has 21 MA's), (Start: 41 @40487 has 25 MA's), (Start: 54 @40457 has 143 MA's), (58, 40436), (113, 40280), (121, 40241),

Gene: Jeeves_69 Start: 40401, Stop: 40252, Start Num: 50

Candidate Starts for Jeeves_69:

(Start: 50 @40401 has 173 MA's), (Start: 56 @40383 has 1 MA's), (60, 40362),

Gene: Jeffabunny_67 Start: 39179, Stop: 38946, Start Num: 50

Candidate Starts for Jeffabunny_67:

(Start: 38 @39209 has 3 MA's), (Start: 50 @39179 has 173 MA's), (Start: 56 @39161 has 1 MA's), (60, 39140), (71, 39113), (95, 39047), (107, 39020), (113, 38993), (121, 38954),

Gene: JenCasNa_69 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for JenCasNa_69:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: JeppNRM_69 Start: 41057, Stop: 40827, Start Num: 53

Candidate Starts for JeppNRM_69:

(Start: 53 @41057 has 17 MA's), (102, 40913), (113, 40874),

Gene: Jerm_68 Start: 41727, Stop: 41497, Start Num: 50

Candidate Starts for Jerm_68:

(6, 41976), (30, 41781), (32, 41775), (Start: 50 @41727 has 173 MA's), (Start: 56 @41709 has 1 MA's), (102, 41580), (113, 41541),

Gene: Jerm2_59 Start: 39956, Stop: 39822, Start Num: 81

Candidate Starts for Jerm2_59:

(Start: 81 @39956 has 155 MA's), (115, 39854),

Gene: JetBlade_62 Start: 40458, Stop: 40234, Start Num: 54

Candidate Starts for JetBlade_62:

(Start: 37 @40500 has 21 MA's), (Start: 41 @40488 has 25 MA's), (Start: 54 @40458 has 143 MA's), (58, 40437), (113, 40281), (121, 40242),

Gene: JewelBug_66 Start: 39340, Stop: 39107, Start Num: 50

Candidate Starts for JewelBug_66:

(Start: 50 @39340 has 173 MA's), (Start: 56 @39322 has 1 MA's), (60, 39301), (71, 39274), (Start: 75 @39259 has 50 MA's), (95, 39208), (102, 39193),

Gene: Jiawan_65 Start: 40759, Stop: 40526, Start Num: 50

Candidate Starts for Jiawan_65:

(Start: 50 @40759 has 173 MA's), (Start: 56 @40741 has 1 MA's), (86, 40654), (95, 40627), (114, 40564), (118, 40549),

Gene: Jobu08_66 Start: 41002, Stop: 40772, Start Num: 52

Candidate Starts for Jobu08_66:

(Start: 41 @41029 has 25 MA's), (Start: 52 @41002 has 51 MA's), (96, 40873), (113, 40819), (115, 40804),

Gene: Jobypre_96 Start: 61096, Stop: 61230, Start Num: 79

Candidate Starts for Jobypre_96:

(Start: 79 @61096 has 18 MA's), (92, 61132), (94, 61135), (100, 61147), (115, 61198),

Gene: JoongJeon_61 Start: 40503, Stop: 40237, Start Num: 37

Candidate Starts for JoongJeon_61:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Jordennis_65 Start: 38821, Stop: 38588, Start Num: 50

Candidate Starts for Jordennis_65:

(Start: 50 @38821 has 173 MA's), (Start: 56 @38803 has 1 MA's), (60, 38782), (71, 38755), (95, 38689), (102, 38674),

Gene: Jorgensen_59 Start: 39780, Stop: 39646, Start Num: 81

Candidate Starts for Jorgensen_59:

(Start: 81 @39780 has 155 MA's), (115, 39678),

Gene: Joselito_67 Start: 40626, Stop: 40393, Start Num: 48

Candidate Starts for Joselito_67:

(Start: 35 @40668 has 8 MA's), (Start: 48 @40626 has 56 MA's), (Start: 56 @40608 has 1 MA's), (86, 40524), (106, 40464), (109, 40458),

Gene: JoshKayV_67 Start: 41782, Stop: 41552, Start Num: 50

Candidate Starts for JoshKayV_67:

(30, 41836), (32, 41830), (Start: 50 @41782 has 173 MA's), (Start: 56 @41764 has 1 MA's), (102, 41635), (113, 41596),

Gene: Jsquared_69 Start: 40546, Stop: 40310, Start Num: 50

Candidate Starts for Jsquared_69:

(Start: 38 @40573 has 3 MA's), (Start: 50 @40546 has 173 MA's), (Start: 56 @40528 has 1 MA's), (66, 40495), (95, 40408),

Gene: Jubie_95 Start: 61231, Stop: 61365, Start Num: 79

Candidate Starts for Jubie_95:

(Start: 79 @61231 has 18 MA's), (92, 61267), (94, 61270), (100, 61282), (115, 61333),

Gene: JuliaChild_59 Start: 39638, Stop: 39504, Start Num: 81

Candidate Starts for JuliaChild_59:

(Start: 81 @39638 has 155 MA's), (115, 39536),

Gene: KADY_67 Start: 41198, Stop: 40968, Start Num: 52

Candidate Starts for KADY_67:

(Start: 41 @41225 has 25 MA's), (Start: 52 @41198 has 51 MA's), (96, 41069),

Gene: KBG_59 Start: 41762, Stop: 41628, Start Num: 81

Candidate Starts for KBG_59:

(Start: 81 @41762 has 155 MA's), (115, 41660),

Gene: KFPoly_61 Start: 40500, Stop: 40234, Start Num: 37

Candidate Starts for KFPoly_61:

(Start: 37 @40500 has 21 MA's), (Start: 41 @40488 has 25 MA's), (Start: 54 @40458 has 143 MA's), (58, 40437), (113, 40281), (121, 40242),

Gene: KSSJEB_58 Start: 39422, Stop: 39279, Start Num: 75

Candidate Starts for KSSJEB_58:

(Start: 75 @39422 has 50 MA's), (115, 39311),

Gene: Kachowdy_63 Start: 40839, Stop: 40609, Start Num: 54

Candidate Starts for Kachowdy_63:

(Start: 37 @40881 has 21 MA's), (Start: 41 @40869 has 25 MA's), (Start: 54 @40839 has 143 MA's), (68, 40794),

Gene: Kahlid_98 Start: 61111, Stop: 61293, Start Num: 64

Candidate Starts for Kahlid_98:

(Start: 64 @61111 has 29 MA's), (Start: 75 @61147 has 50 MA's), (Start: 79 @61153 has 18 MA's), (89, 61180), (90, 61186), (98, 61204), (112, 61234), (113, 61246),

Gene: Kalb97_69 Start: 41055, Stop: 40825, Start Num: 53

Candidate Starts for Kalb97_69:

(Start: 53 @41055 has 17 MA's), (102, 40911), (113, 40872),

Gene: Kalnoky_69 Start: 41053, Stop: 40823, Start Num: 53

Candidate Starts for Kalnoky_69:

(Start: 53 @41053 has 17 MA's), (102, 40909), (113, 40870),

Gene: Kalpine_65 Start: 41568, Stop: 41335, Start Num: 50

Candidate Starts for Kalpine_65:

(22, 41655), (24, 41652), (Start: 38 @41598 has 3 MA's), (Start: 50 @41568 has 173 MA's), (Start: 56 @41550 has 1 MA's), (86, 41463), (95, 41436), (102, 41421), (118, 41358),

Gene: Kampy_61 Start: 40466, Stop: 40242, Start Num: 54

Candidate Starts for Kampy_61:

(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Kanely_60 Start: 40359, Stop: 40225, Start Num: 81

Candidate Starts for Kanely_60:

(Start: 81 @40359 has 155 MA's), (115, 40257),

Gene: Katalie136_60 Start: 40304, Stop: 40080, Start Num: 54

Candidate Starts for Katalie136_60:

(Start: 37 @40346 has 21 MA's), (Start: 41 @40334 has 25 MA's), (Start: 54 @40304 has 143 MA's), (112, 40139), (113, 40127),

Gene: Kazan_67 Start: 39074, Stop: 38841, Start Num: 50

Candidate Starts for Kazan_67:

(Start: 50 @39074 has 173 MA's), (Start: 56 @39056 has 1 MA's), (60, 39035), (71, 39008), (Start: 75 @38993 has 50 MA's), (95, 38942), (102, 38927),

Gene: KekoraPapaka_60 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for KekoraPapaka_60:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Kenmech_63 Start: 42006, Stop: 41872, Start Num: 81

Candidate Starts for Kenmech_63:

(Start: 81 @42006 has 155 MA's), (115, 41904),

Gene: Kerberos_68 Start: 41300, Stop: 41064, Start Num: 50

Candidate Starts for Kerberos_68:

(15, 41453), (Start: 38 @41327 has 3 MA's), (Start: 50 @41300 has 173 MA's), (Start: 56 @41282 has 1 MA's), (66, 41249), (95, 41162),

Gene: Keziacharles14_66 Start: 41498, Stop: 41355, Start Num: 76

Candidate Starts for Keziacharles14_66:

(Start: 76 @41498 has 6 MA's), (85, 41480), (95, 41447), (121, 41363),

Gene: KikiBouba_57 Start: 39961, Stop: 39827, Start Num: 81

Candidate Starts for KikiBouba_57:

(Start: 81 @39961 has 155 MA's), (115, 39859),

Gene: Killigrew_58 Start: 40539, Stop: 40405, Start Num: 81

Candidate Starts for Killigrew_58:

(Start: 81 @40539 has 155 MA's), (115, 40437),

Gene: Kimba_65 Start: 40126, Stop: 39893, Start Num: 48

Candidate Starts for Kimba_65:

(Start: 35 @40168 has 8 MA's), (Start: 48 @40126 has 56 MA's), (Start: 56 @40108 has 1 MA's), (86, 40024), (106, 39964), (109, 39958),

Gene: Kimona_60 Start: 39068, Stop: 38832, Start Num: 48

Candidate Starts for Kimona_60:

(7, 39287), (Start: 48 @39068 has 56 MA's), (Start: 56 @39047 has 1 MA's), (66, 39014), (112, 38891),

Gene: KingCyrus_67 Start: 42932, Stop: 42702, Start Num: 50

Candidate Starts for KingCyrus_67:

(6, 43184), (9, 43136), (30, 42986), (Start: 50 @42932 has 173 MA's), (Start: 56 @42914 has 1 MA's), (102, 42785), (113, 42746),

Gene: Kingmustik0402_62 Start: 40453, Stop: 40229, Start Num: 54

Candidate Starts for Kingmustik0402_62:

(Start: 37 @40495 has 21 MA's), (Start: 41 @40483 has 25 MA's), (Start: 54 @40453 has 143 MA's), (58, 40432), (113, 40276), (121, 40237),

Gene: Kingsolomon_94 Start: 61205, Stop: 61339, Start Num: 79

Candidate Starts for Kingsolomon_94:

(Start: 79 @61205 has 18 MA's), (92, 61241), (94, 61244), (100, 61256), (115, 61307),

Gene: Kinmap_66 Start: 39557, Stop: 39321, Start Num: 50

Candidate Starts for Kinmap_66:

(Start: 38 @39584 has 3 MA's), (Start: 50 @39557 has 173 MA's), (Start: 56 @39539 has 1 MA's), (57, 39533), (65, 39509),

Gene: Kipper29_66 Start: 39087, Stop: 38854, Start Num: 50

Candidate Starts for Kipper29_66:

(Start: 50 @39087 has 173 MA's), (Start: 56 @39069 has 1 MA's), (60, 39048), (71, 39021), (Start: 75 @39006 has 50 MA's), (95, 38955), (102, 38940),

Gene: KirDoubleO7_94 Start: 61289, Stop: 61423, Start Num: 79

Candidate Starts for KirDoubleO7_94:

(Start: 73 @61274 has 1 MA's), (Start: 79 @61289 has 18 MA's), (92, 61325), (94, 61328), (100, 61340), (115, 61391),

Gene: KittenMittens_58 Start: 39185, Stop: 38949, Start Num: 48

Candidate Starts for KittenMittens_58:

(Start: 48 @39185 has 56 MA's), (Start: 56 @39164 has 1 MA's), (60, 39143), (95, 39050), (102, 39035),

Gene: Koan_59 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Koan_59:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Koduck_67 Start: 40131, Stop: 39895, Start Num: 50

Candidate Starts for Koduck_67:

(Start: 38 @40158 has 3 MA's), (Start: 50 @40131 has 173 MA's), (Start: 56 @40113 has 1 MA's), (66, 40080), (95, 39993),

Gene: Koko_69 Start: 40037, Stop: 39804, Start Num: 50

Candidate Starts for Koko_69:

(Start: 38 @40067 has 3 MA's), (Start: 50 @40037 has 173 MA's), (Start: 56 @40019 has 1 MA's), (60, 39998), (71, 39971), (95, 39905), (107, 39878), (113, 39851), (121, 39812),

Gene: Koreni_61 Start: 40145, Stop: 39921, Start Num: 54

Candidate Starts for Koreni_61:

(Start: 37 @40187 has 21 MA's), (Start: 41 @40175 has 25 MA's), (Start: 54 @40145 has 143 MA's), (58, 40124), (113, 39968), (121, 39929),

Gene: Kratark_61 Start: 40504, Stop: 40238, Start Num: 37

Candidate Starts for Kratark_61:

(Start: 37 @40504 has 21 MA's), (Start: 41 @40492 has 25 MA's), (Start: 54 @40462 has 143 MA's), (58, 40441), (113, 40285), (121, 40246),

Gene: Kremtemulon_62 Start: 40570, Stop: 40346, Start Num: 54

Candidate Starts for Kremtemulon_62:

(Start: 37 @40612 has 21 MA's), (Start: 41 @40600 has 25 MA's), (Start: 54 @40570 has 143 MA's), (58, 40549), (113, 40393),

Gene: Kristoff_61 Start: 40482, Stop: 40249, Start Num: 48

Candidate Starts for Kristoff_61:

(Start: 38 @40509 has 3 MA's), (Start: 48 @40482 has 56 MA's), (Start: 56 @40461 has 1 MA's), (85, 40377),

Gene: Kropertea_95 Start: 60713, Stop: 60886, Start Num: 62

Candidate Starts for Kropertea_95:

(Start: 62 @60713 has 5 MA's), (72, 60737), (Start: 79 @60755 has 18 MA's), (82, 60764), (83, 60767), (89, 60782), (112, 60827), (115, 60854),

Gene: Krypton555_99 Start: 61780, Stop: 61914, Start Num: 79

Candidate Starts for Krypton555_99:

(Start: 73 @61765 has 1 MA's), (Start: 79 @61780 has 18 MA's), (92, 61816), (94, 61819), (100, 61831), (115, 61882), (117, 61888),

Gene: Kugel_58 Start: 40607, Stop: 40473, Start Num: 81

Candidate Starts for Kugel_58:

(Start: 81 @40607 has 155 MA's), (115, 40505),

Gene: KyMonks1A_61 Start: 40000, Stop: 39857, Start Num: 75

Candidate Starts for KyMonks1A_61:

(Start: 75 @40000 has 50 MA's), (115, 39889),

Gene: Kyee_62 Start: 40462, Stop: 40238, Start Num: 54

Candidate Starts for Kyee_62:

(Start: 37 @40504 has 21 MA's), (Start: 41 @40492 has 25 MA's), (Start: 54 @40462 has 143 MA's), (58, 40441), (113, 40285), (121, 40246),

Gene: Kykar_58 Start: 39437, Stop: 39303, Start Num: 81

Candidate Starts for Kykar_58:

(Start: 81 @39437 has 155 MA's), (115, 39335),

Gene: L5_63 Start: 40284, Stop: 40048, Start Num: 50

Candidate Starts for L5_63:

(Start: 38 @40311 has 3 MA's), (Start: 50 @40284 has 173 MA's), (Start: 56 @40266 has 1 MA's), (66, 40233), (95, 40146),

Gene: LBerry_69 Start: 41174, Stop: 40944, Start Num: 52

Candidate Starts for LBerry_69:

(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: LHTSCC_64 Start: 40867, Stop: 40643, Start Num: 54

Candidate Starts for LHTSCC_64:

(Start: 37 @40909 has 21 MA's), (Start: 41 @40897 has 25 MA's), (Start: 54 @40867 has 143 MA's), (58, 40846), (113, 40690), (121, 40651),

Gene: LadyBird_70 Start: 42006, Stop: 41776, Start Num: 50

Candidate Starts for LadyBird_70:

(Start: 50 @42006 has 173 MA's), (Start: 56 @41988 has 1 MA's), (102, 41859), (113, 41820),

Gene: Lambert1_64 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for Lambert1_64:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Lamina13_60 Start: 39739, Stop: 39605, Start Num: 81

Candidate Starts for Lamina13_60:

(Start: 81 @39739 has 155 MA's), (115, 39637),

Gene: Landor_65 Start: 41962, Stop: 41726, Start Num: 48

Candidate Starts for Landor_65:

(Start: 38 @41989 has 3 MA's), (Start: 48 @41962 has 56 MA's), (Start: 56 @41941 has 1 MA's), (118, 41749), (121, 41734),

Gene: LappelDuVide_62 Start: 40463, Stop: 40239, Start Num: 54

Candidate Starts for LappelDuVide_62:

(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: Larenn_63 Start: 41019, Stop: 40783, Start Num: 48

Candidate Starts for Larenn_63:

(23, 41103), (Start: 38 @41049 has 3 MA's), (Start: 48 @41019 has 56 MA's), (Start: 56 @40998 has 1 MA's), (59, 40980), (102, 40869), (113, 40830),

Gene: LarryKay_68 Start: 41200, Stop: 40970, Start Num: 52

Candidate Starts for LarryKay_68:

(Start: 41 @41227 has 25 MA's), (Start: 52 @41200 has 51 MA's), (96, 41071), (113, 41017),

Gene: Lemur_62 Start: 40503, Stop: 40237, Start Num: 37

Candidate Starts for Lemur_62:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: LeoAvram_61 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for LeoAvram_61:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Leogania_67 Start: 42317, Stop: 42087, Start Num: 50

Candidate Starts for Leogania_67:

(Start: 38 @42347 has 3 MA's), (Start: 50 @42317 has 173 MA's), (Start: 56 @42299 has 1 MA's), (113, 42134), (118, 42110),

Gene: Lesedi_54 Start: 38344, Stop: 38210, Start Num: 81

Candidate Starts for Lesedi_54:

(Start: 81 @38344 has 155 MA's), (115, 38242),

Gene: Levia_56 Start: 39458, Stop: 39324, Start Num: 81

Candidate Starts for Levia_56:

(Start: 81 @39458 has 155 MA's), (115, 39356),

Gene: Leviathan_68 Start: 41799, Stop: 41569, Start Num: 50

Candidate Starts for Leviathan_68:

(Start: 50 @41799 has 173 MA's), (Start: 56 @41781 has 1 MA's), (102, 41652), (113, 41613),

Gene: Lewan_100 Start: 61399, Stop: 61581, Start Num: 64

Candidate Starts for Lewan_100:

(Start: 64 @61399 has 29 MA's), (Start: 75 @61435 has 50 MA's), (Start: 79 @61441 has 18 MA's), (89, 61468), (90, 61474), (98, 61492), (112, 61522), (113, 61534),

Gene: Licorice_60 Start: 41831, Stop: 41574, Start Num: 77

Candidate Starts for Licorice_60:

(Start: 77 @41831 has 4 MA's), (99, 41774), (105, 41756),

Gene: LilBib_58 Start: 41131, Stop: 40988, Start Num: 75

Candidate Starts for LilBib_58:

(Start: 75 @41131 has 50 MA's), (115, 41020),

Gene: LilDestine_97 Start: 61070, Stop: 61252, Start Num: 64

Candidate Starts for LilDestine_97:

(Start: 64 @61070 has 29 MA's), (Start: 75 @61106 has 50 MA's), (Start: 79 @61112 has 18 MA's), (89, 61139), (90, 61145), (98, 61163), (112, 61193), (113, 61205),

Gene: LilTurb_67 Start: 41609, Stop: 41379, Start Num: 50

Candidate Starts for LilTurb_67:

(6, 41858), (30, 41663), (32, 41657), (Start: 50 @41609 has 173 MA's), (Start: 56 @41591 has 1 MA's), (102, 41462), (113, 41423),

Gene: Lilbunny_66 Start: 39183, Stop: 38950, Start Num: 50

Candidate Starts for Lilbunny_66:

(Start: 38 @39213 has 3 MA's), (Start: 50 @39183 has 173 MA's), (Start: 56 @39165 has 1 MA's), (60, 39144), (71, 39117), (95, 39051), (107, 39024), (113, 38997), (121, 38958),

Gene: Lilith_67 Start: 41163, Stop: 40933, Start Num: 52

Candidate Starts for Lilith_67:

(Start: 41 @41190 has 25 MA's), (Start: 52 @41163 has 51 MA's), (96, 41034), (113, 40980),

Gene: Lilleskat_64 Start: 40511, Stop: 40362, Start Num: 50

Candidate Starts for Lilleskat_64:

(Start: 50 @40511 has 173 MA's), (Start: 56 @40493 has 1 MA's), (71, 40445),

Gene: LionsBait_67 Start: 42631, Stop: 42398, Start Num: 50

Candidate Starts for LionsBait_67:

(23, 42715), (Start: 50 @42631 has 173 MA's), (Start: 56 @42613 has 1 MA's),

Gene: LittleB_62 Start: 40465, Stop: 40241, Start Num: 54

Candidate Starts for LittleB_62:

(Start: 37 @40507 has 21 MA's), (Start: 41 @40495 has 25 MA's), (Start: 54 @40465 has 143 MA's), (58, 40444), (113, 40288), (121, 40249),

Gene: LittleGuy_62 Start: 40390, Stop: 40136, Start Num: 41

Candidate Starts for LittleGuy_62:

(Start: 37 @40402 has 21 MA's), (Start: 41 @40390 has 25 MA's), (Start: 54 @40360 has 143 MA's), (58, 40339), (113, 40183), (121, 40144),

Gene: LiyuLake_95 Start: 61362, Stop: 61496, Start Num: 79

Candidate Starts for LiyuLake_95:

(Start: 73 @61347 has 1 MA's), (Start: 79 @61362 has 18 MA's), (92, 61398), (94, 61401), (100, 61413), (115, 61464),

Gene: Loadrie_98 Start: 61561, Stop: 61743, Start Num: 64

Candidate Starts for Loadrie_98:

(Start: 64 @61561 has 29 MA's), (Start: 75 @61597 has 50 MA's), (Start: 79 @61603 has 18 MA's), (89, 61630), (90, 61636), (98, 61654), (112, 61684), (113, 61696),

Gene: LochMonster_63 Start: 40703, Stop: 40479, Start Num: 54

Candidate Starts for LochMonster_63:

(Start: 37 @40745 has 21 MA's), (Start: 41 @40733 has 25 MA's), (Start: 54 @40703 has 143 MA's), (58, 40682), (113, 40526), (121, 40487),

Gene: Lockley_56 Start: 39400, Stop: 39257, Start Num: 75

Candidate Starts for Lockley_56:

(Start: 75 @39400 has 50 MA's), (115, 39289),

Gene: Lokk_61 Start: 40288, Stop: 40058, Start Num: 50

Candidate Starts for Lokk_61:

(Start: 50 @40288 has 173 MA's), (Start: 56 @40270 has 1 MA's), (86, 40183), (97, 40156), (113, 40105), (121, 40066),

Gene: Lolly9_96 Start: 61453, Stop: 61587, Start Num: 79

Candidate Starts for Lolly9_96:

(Start: 73 @61438 has 1 MA's), (Start: 79 @61453 has 18 MA's), (92, 61489), (94, 61492), (100, 61504), (115, 61555),

Gene: LoneWolf_68 Start: 40713, Stop: 40483, Start Num: 50

Candidate Starts for LoneWolf_68:

(Start: 50 @40713 has 173 MA's), (Start: 56 @40695 has 1 MA's), (114, 40518), (118, 40503),

Gene: Lopton_58 Start: 41812, Stop: 41678, Start Num: 81

Candidate Starts for Lopton_58:

(Start: 81 @41812 has 155 MA's), (115, 41710),

Gene: Lorenzo_62 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Lorenzo_62:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Loser_68 Start: 41965, Stop: 41732, Start Num: 50

Candidate Starts for Loser_68:

(Start: 38 @41995 has 3 MA's), (Start: 50 @41965 has 173 MA's), (Start: 56 @41947 has 1 MA's), (66, 41914), (95, 41833), (102, 41818),

Gene: Louie6_67 Start: 41199, Stop: 40969, Start Num: 53

Candidate Starts for Louie6_67:

(Start: 53 @41199 has 17 MA's), (96, 41070),

Gene: Lowa_67 Start: 41162, Stop: 40932, Start Num: 52

Candidate Starts for Lowa_67:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: Luchador_68 Start: 41978, Stop: 41829, Start Num: 50

Candidate Starts for Luchador_68:

(Start: 38 @42008 has 3 MA's), (Start: 50 @41978 has 173 MA's), (Start: 56 @41960 has 1 MA's), (60, 41939),

Gene: Lucivia_67 Start: 40675, Stop: 40442, Start Num: 48

Candidate Starts for Lucivia_67:

(Start: 48 @40675 has 56 MA's), (Start: 56 @40657 has 1 MA's), (86, 40573), (106, 40513), (109, 40507),

Gene: Lucyedi_67 Start: 40607, Stop: 40374, Start Num: 48

Candidate Starts for Lucyedi_67:

(Start: 38 @40634 has 3 MA's), (Start: 48 @40607 has 56 MA's), (Start: 56 @40586 has 1 MA's), (112, 40433),

Gene: LugYA_71 Start: 41171, Stop: 40941, Start Num: 52

Candidate Starts for LugYA_71:

(Start: 41 @41198 has 25 MA's), (Start: 52 @41171 has 51 MA's), (96, 41042), (113, 40988),

Gene: Lumos_96 Start: 61093, Stop: 61227, Start Num: 79
Candidate Starts for Lumos_96:
(Start: 79 @61093 has 18 MA's), (92, 61129), (94, 61132), (100, 61144), (115, 61195),

Gene: LunarLander_59 Start: 39641, Stop: 39507, Start Num: 81
Candidate Starts for LunarLander_59:
(Start: 81 @39641 has 155 MA's), (115, 39539),

Gene: Lunsford_63 Start: 40458, Stop: 40234, Start Num: 54
Candidate Starts for Lunsford_63:
(Start: 37 @40500 has 21 MA's), (Start: 41 @40488 has 25 MA's), (Start: 54 @40458 has 143 MA's),
(58, 40437), (113, 40281), (121, 40242),

Gene: Lynnae_100 Start: 61171, Stop: 61353, Start Num: 64
Candidate Starts for Lynnae_100:
(Start: 64 @61171 has 29 MA's), (Start: 75 @61207 has 50 MA's), (Start: 79 @61213 has 18 MA's),
(89, 61240), (90, 61246), (98, 61264), (112, 61294), (113, 61306),

Gene: MA5_65 Start: 40253, Stop: 40023, Start Num: 54
Candidate Starts for MA5_65:
(Start: 37 @40295 has 21 MA's), (Start: 41 @40283 has 25 MA's), (Start: 54 @40253 has 143 MA's),
(83, 40163),

Gene: MK4_65 Start: 40328, Stop: 40098, Start Num: 54
Candidate Starts for MK4_65:
(Start: 37 @40370 has 21 MA's), (Start: 41 @40358 has 25 MA's), (Start: 54 @40328 has 143 MA's),
(83, 40238),

Gene: MPlant7149_57 Start: 38517, Stop: 38383, Start Num: 81
Candidate Starts for MPlant7149_57:
(Start: 81 @38517 has 155 MA's), (115, 38415),

Gene: MaCh_66 Start: 40605, Stop: 40372, Start Num: 48
Candidate Starts for MaCh_66:
(Start: 35 @40647 has 8 MA's), (Start: 48 @40605 has 56 MA's), (Start: 56 @40587 has 1 MA's), (86,
40503), (106, 40443), (109, 40437),

Gene: Mabel_66 Start: 40622, Stop: 40389, Start Num: 48
Candidate Starts for Mabel_66:
(Start: 48 @40622 has 56 MA's), (Start: 56 @40604 has 1 MA's), (86, 40520), (106, 40460), (109,
40454),

Gene: MadMarie_68 Start: 41172, Stop: 40942, Start Num: 52
Candidate Starts for MadMarie_68:
(Start: 41 @41199 has 25 MA's), (Start: 52 @41172 has 51 MA's), (96, 41043), (113, 40989),

Gene: Magnar_56 Start: 39959, Stop: 39825, Start Num: 81
Candidate Starts for Magnar_56:
(Start: 81 @39959 has 155 MA's), (115, 39857),

Gene: Magnito_57 Start: 39684, Stop: 39550, Start Num: 81
Candidate Starts for Magnito_57:
(Start: 81 @39684 has 155 MA's), (115, 39582),

Gene: Mainiac_68 Start: 41164, Stop: 40934, Start Num: 52

Candidate Starts for Mainiac_68:

(Start: 41 @41191 has 25 MA's), (Start: 52 @41164 has 51 MA's), (96, 41035), (113, 40981),

Gene: MajorMajor_67 Start: 40388, Stop: 40152, Start Num: 50

Candidate Starts for MajorMajor_67:

(27, 40448), (Start: 38 @40415 has 3 MA's), (Start: 50 @40388 has 173 MA's), (Start: 56 @40370 has 1 MA's), (66, 40337), (95, 40250),

Gene: Makemake_59 Start: 40359, Stop: 40216, Start Num: 75

Candidate Starts for Makemake_59:

(Start: 75 @40359 has 50 MA's), (115, 40248),

Gene: Malec_64 Start: 41586, Stop: 41350, Start Num: 48

Candidate Starts for Malec_64:

(23, 41670), (Start: 38 @41616 has 3 MA's), (Start: 48 @41586 has 56 MA's), (Start: 56 @41565 has 1 MA's), (59, 41547), (102, 41436), (113, 41397),

Gene: Malinsilva_70 Start: 41162, Stop: 40932, Start Num: 52

Candidate Starts for Malinsilva_70:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: Maminiaina_67 Start: 40688, Stop: 40455, Start Num: 50

Candidate Starts for Maminiaina_67:

(Start: 50 @40688 has 173 MA's), (Start: 56 @40670 has 1 MA's), (95, 40556), (118, 40478),

Gene: Manatee_59 Start: 40057, Stop: 39914, Start Num: 75

Candidate Starts for Manatee_59:

(Start: 75 @40057 has 50 MA's),

Gene: Manu_68 Start: 41056, Stop: 40826, Start Num: 53

Candidate Starts for Manu_68:

(Start: 53 @41056 has 17 MA's), (102, 40912), (113, 40873),

Gene: MarQuardt_68 Start: 41172, Stop: 40942, Start Num: 52

Candidate Starts for MarQuardt_68:

(Start: 41 @41199 has 25 MA's), (Start: 52 @41172 has 51 MA's), (96, 41043), (113, 40989),

Gene: Marcell_55 Start: 38966, Stop: 38832, Start Num: 81

Candidate Starts for Marcell_55:

(Start: 81 @38966 has 155 MA's), (115, 38864),

Gene: Marchesa_63 Start: 40789, Stop: 40559, Start Num: 54

Candidate Starts for Marchesa_63:

(Start: 37 @40831 has 21 MA's), (Start: 41 @40819 has 25 MA's), (Start: 54 @40789 has 143 MA's), (68, 40744),

Gene: Marchy_53 Start: 37054, Stop: 36920, Start Num: 81

Candidate Starts for Marchy_53:

(Start: 81 @37054 has 155 MA's), (115, 36952),

Gene: Marco3_62 Start: 41738, Stop: 41595, Start Num: 75

Candidate Starts for Marco3_62:
(Start: 75 @41738 has 50 MA's),

Gene: Marge_57 Start: 39855, Stop: 39721, Start Num: 81
Candidate Starts for Marge_57:
(Start: 81 @39855 has 155 MA's), (115, 39753),

Gene: Margo_64 Start: 40872, Stop: 40669, Start Num: 54
Candidate Starts for Margo_64:
(Start: 41 @40902 has 25 MA's), (Start: 54 @40872 has 143 MA's), (100, 40743), (121, 40677),

Gene: Marie_66 Start: 41170, Stop: 40940, Start Num: 52
Candidate Starts for Marie_66:
(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: Marius_69 Start: 41053, Stop: 40823, Start Num: 53
Candidate Starts for Marius_69:
(Start: 53 @41053 has 17 MA's), (102, 40909), (113, 40870),

Gene: Maroc7_56 Start: 40254, Stop: 40120, Start Num: 81
Candidate Starts for Maroc7_56:
(Start: 81 @40254 has 155 MA's), (115, 40152),

Gene: Marsha_57 Start: 40396, Stop: 40262, Start Num: 81
Candidate Starts for Marsha_57:
(Start: 81 @40396 has 155 MA's), (115, 40294),

Gene: MaryBeth_57 Start: 40279, Stop: 40136, Start Num: 75
Candidate Starts for MaryBeth_57:
(Start: 75 @40279 has 50 MA's),

Gene: Maverick_61 Start: 40494, Stop: 40240, Start Num: 41
Candidate Starts for Maverick_61:
(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's),
(58, 40443), (113, 40287), (121, 40248),

Gene: Maxo_63 Start: 40466, Stop: 40242, Start Num: 54
Candidate Starts for Maxo_63:
(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's),
(58, 40445), (113, 40289), (121, 40250),

Gene: Mayonnaise_60 Start: 40464, Stop: 40240, Start Num: 54
Candidate Starts for Mayonnaise_60:
(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's),
(58, 40443), (113, 40287), (121, 40248),

Gene: Mazhar510_62 Start: 40465, Stop: 40241, Start Num: 54
Candidate Starts for Mazhar510_62:
(Start: 37 @40507 has 21 MA's), (Start: 41 @40495 has 25 MA's), (Start: 54 @40465 has 143 MA's),
(58, 40444), (113, 40288), (121, 40249),

Gene: McFly_66 Start: 39068, Stop: 38835, Start Num: 50
Candidate Starts for McFly_66:

(Start: 50 @39068 has 173 MA's), (Start: 56 @39050 has 1 MA's), (60, 39029), (71, 39002), (Start: 75 @38987 has 50 MA's), (95, 38936), (102, 38921),

Gene: McGuire_60 Start: 39619, Stop: 39485, Start Num: 81
Candidate Starts for McGuire_60:
(Start: 81 @39619 has 155 MA's), (115, 39517),

Gene: McSinger_58 Start: 39589, Stop: 39455, Start Num: 81
Candidate Starts for McSinger_58:
(Start: 81 @39589 has 155 MA's), (115, 39487),

Gene: Medusa_62 Start: 40508, Stop: 40254, Start Num: 41
Candidate Starts for Medusa_62:
(Start: 37 @40520 has 21 MA's), (Start: 41 @40508 has 25 MA's), (Start: 54 @40478 has 143 MA's), (58, 40457), (113, 40301), (121, 40262),

Gene: MeeZee_61 Start: 40461, Stop: 40237, Start Num: 54
Candidate Starts for MeeZee_61:
(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: MegTheThird_64 Start: 40001, Stop: 39861, Start Num: 76
Candidate Starts for MegTheThird_64:
(Start: 64 @40034 has 29 MA's), (Start: 76 @40001 has 6 MA's), (85, 39983), (95, 39950), (101, 39938),

Gene: Melvin_64 Start: 40459, Stop: 40235, Start Num: 54
Candidate Starts for Melvin_64:
(Start: 37 @40501 has 21 MA's), (Start: 41 @40489 has 25 MA's), (Start: 54 @40459 has 143 MA's), (58, 40438), (113, 40282), (121, 40243),

Gene: MetalQZJ_56 Start: 40279, Stop: 40136, Start Num: 75
Candidate Starts for MetalQZJ_56:
(Start: 75 @40279 has 50 MA's),

Gene: Methuselah_63 Start: 41194, Stop: 40964, Start Num: 52
Candidate Starts for Methuselah_63:
(Start: 41 @41221 has 25 MA's), (Start: 52 @41194 has 51 MA's), (96, 41065), (113, 41011),

Gene: Michley_58 Start: 39990, Stop: 39856, Start Num: 81
Candidate Starts for Michley_58:
(67, 40020), (Start: 81 @39990 has 155 MA's), (115, 39888),

Gene: Microwolf_66 Start: 41186, Stop: 40956, Start Num: 52
Candidate Starts for Microwolf_66:
(Start: 41 @41213 has 25 MA's), (Start: 52 @41186 has 51 MA's), (96, 41057), (113, 41003),

Gene: MiculUcigas_65 Start: 40639, Stop: 40409, Start Num: 50
Candidate Starts for MiculUcigas_65:
(Start: 50 @40639 has 173 MA's), (Start: 56 @40621 has 1 MA's), (59, 40603), (71, 40573), (113, 40456), (118, 40432),

Gene: Miko_61 Start: 41066, Stop: 40836, Start Num: 50

Candidate Starts for Miko_61:

(Start: 50 @41066 has 173 MA's), (Start: 56 @41048 has 1 MA's), (97, 40934), (113, 40883), (121, 40844),

Gene: Miley16_99 Start: 61842, Stop: 62027, Start Num: 62

Candidate Starts for Miley16_99:

(Start: 62 @61842 has 5 MA's), (Start: 64 @61845 has 29 MA's), (72, 61869), (Start: 75 @61881 has 50 MA's), (Start: 79 @61887 has 18 MA's), (98, 61938), (112, 61968), (113, 61980), (115, 61995),

Gene: MilleFeuille_53 Start: 39432, Stop: 39289, Start Num: 75

Candidate Starts for MilleFeuille_53:

(Start: 75 @39432 has 50 MA's),

Gene: Millski_61 Start: 40507, Stop: 40241, Start Num: 37

Candidate Starts for Millski_61:

(Start: 37 @40507 has 21 MA's), (Start: 41 @40495 has 25 MA's), (Start: 54 @40465 has 143 MA's), (58, 40444), (113, 40288), (121, 40249),

Gene: MiniLon_101 Start: 61454, Stop: 61588, Start Num: 79

Candidate Starts for MiniLon_101:

(Start: 73 @61439 has 1 MA's), (Start: 79 @61454 has 18 MA's), (92, 61490), (94, 61493), (100, 61505), (115, 61556),

Gene: MiniMac_101 Start: 61434, Stop: 61583, Start Num: 73

Candidate Starts for MiniMac_101:

(Start: 73 @61434 has 1 MA's), (Start: 79 @61449 has 18 MA's), (92, 61485), (94, 61488), (100, 61500), (115, 61551),

Gene: Minispark_64 Start: 40137, Stop: 39904, Start Num: 50

Candidate Starts for Minispark_64:

(Start: 50 @40137 has 173 MA's), (Start: 56 @40119 has 1 MA's), (71, 40071), (107, 39978), (118, 39927),

Gene: Miramae_59 Start: 39753, Stop: 39529, Start Num: 54

Candidate Starts for Miramae_59:

(Start: 37 @39795 has 21 MA's), (Start: 41 @39783 has 25 MA's), (Start: 54 @39753 has 143 MA's), (58, 39732),

Gene: Misomonster_69 Start: 41224, Stop: 40967, Start Num: 41

Candidate Starts for Misomonster_69:

(Start: 41 @41224 has 25 MA's), (Start: 52 @41197 has 51 MA's), (96, 41068),

Gene: MissWhite_66 Start: 40337, Stop: 40101, Start Num: 50

Candidate Starts for MissWhite_66:

(31, 40382), (Start: 38 @40364 has 3 MA's), (Start: 50 @40337 has 173 MA's), (Start: 56 @40319 has 1 MA's), (66, 40286), (95, 40199),

Gene: MkaliMitinis3_101 Start: 61525, Stop: 61707, Start Num: 64

Candidate Starts for MkaliMitinis3_101:

(Start: 64 @61525 has 29 MA's), (Start: 75 @61561 has 50 MA's), (Start: 79 @61567 has 18 MA's), (89, 61594), (90, 61600), (98, 61618), (112, 61648), (113, 61660),

Gene: Mkhuseli_56 Start: 38717, Stop: 38583, Start Num: 81

Candidate Starts for Mkhuseleli_56:

(Start: 81 @38717 has 155 MA's), (115, 38615),

Gene: Molly_59 Start: 38935, Stop: 38801, Start Num: 81

Candidate Starts for Molly_59:

(Start: 81 @38935 has 155 MA's), (115, 38833),

Gene: Monet_61 Start: 41021, Stop: 40887, Start Num: 81

Candidate Starts for Monet_61:

(Start: 81 @41021 has 155 MA's), (115, 40919),

Gene: MoneyMay_67 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for MoneyMay_67:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: Montavir_65 Start: 41171, Stop: 40941, Start Num: 52

Candidate Starts for Montavir_65:

(Start: 41 @41198 has 25 MA's), (Start: 52 @41171 has 51 MA's), (96, 41042), (113, 40988),

Gene: Moose_57 Start: 39132, Stop: 38998, Start Num: 81

Candidate Starts for Moose_57:

(Start: 81 @39132 has 155 MA's), (115, 39030),

Gene: Moostard_93 Start: 61200, Stop: 61334, Start Num: 79

Candidate Starts for Moostard_93:

(Start: 79 @61200 has 18 MA's), (92, 61236), (94, 61239), (100, 61251), (115, 61302),

Gene: Morpher26_60 Start: 40325, Stop: 40101, Start Num: 54

Candidate Starts for Morpher26_60:

(Start: 37 @40367 has 21 MA's), (Start: 41 @40355 has 25 MA's), (Start: 54 @40325 has 143 MA's), (112, 40160), (113, 40148),

Gene: Morrow_63 Start: 40470, Stop: 40246, Start Num: 54

Candidate Starts for Morrow_63:

(Start: 37 @40512 has 21 MA's), (Start: 41 @40500 has 25 MA's), (Start: 54 @40470 has 143 MA's), (58, 40449), (113, 40293), (121, 40254),

Gene: MrGordo_58 Start: 39793, Stop: 39659, Start Num: 81

Candidate Starts for MrGordo_58:

(Start: 81 @39793 has 155 MA's), (115, 39691),

Gene: Mryolo_55 Start: 39838, Stop: 39704, Start Num: 81

Candidate Starts for Mryolo_55:

(Start: 81 @39838 has 155 MA's),

Gene: MsGreen_96 Start: 61095, Stop: 61229, Start Num: 79

Candidate Starts for MsGreen_96:

(Start: 79 @61095 has 18 MA's), (92, 61131), (94, 61134), (100, 61146), (115, 61197),

Gene: MuchMore_71 Start: 41162, Stop: 40932, Start Num: 52

Candidate Starts for MuchMore_71:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: Mulciber_65 Start: 40163, Stop: 39930, Start Num: 48
Candidate Starts for Mulciber_65:
(Start: 48 @40163 has 56 MA's), (Start: 56 @40145 has 1 MA's), (86, 40061), (106, 40001), (109, 39995),

Gene: Mule_56 Start: 38388, Stop: 38254, Start Num: 81
Candidate Starts for Mule_56:
(Start: 81 @38388 has 155 MA's), (115, 38286),

Gene: Munch_66 Start: 40626, Stop: 40393, Start Num: 48
Candidate Starts for Munch_66:
(Start: 48 @40626 has 56 MA's), (Start: 56 @40608 has 1 MA's), (86, 40524), (106, 40464), (109, 40458),

Gene: Mundrea_60 Start: 40317, Stop: 40093, Start Num: 54
Candidate Starts for Mundrea_60:
(Start: 37 @40359 has 21 MA's), (Start: 41 @40347 has 25 MA's), (Start: 54 @40317 has 143 MA's), (58, 40296),

Gene: Museum_59 Start: 40085, Stop: 39951, Start Num: 81
Candidate Starts for Museum_59:
(Start: 81 @40085 has 155 MA's), (115, 39983),

Gene: MyraDee_64 Start: 37954, Stop: 37787, Start Num: 69
Candidate Starts for MyraDee_64:
(1, 38476), (2, 38458), (11, 38206), (Start: 69 @37954 has 1 MA's), (Start: 75 @37930 has 50 MA's), (95, 37882), (112, 37846), (114, 37825),

Gene: Myxus_68 Start: 40727, Stop: 40578, Start Num: 50
Candidate Starts for Myxus_68:
(Start: 50 @40727 has 173 MA's), (Start: 56 @40709 has 1 MA's), (71, 40661),

Gene: NEHalo_56 Start: 39867, Stop: 39733, Start Num: 81
Candidate Starts for NEHalo_56:
(Start: 81 @39867 has 155 MA's), (115, 39765),

Gene: NaSiaTalie_65 Start: 40733, Stop: 40503, Start Num: 50
Candidate Starts for NaSiaTalie_65:
(Start: 50 @40733 has 173 MA's), (Start: 56 @40715 has 1 MA's), (59, 40697), (71, 40667), (113, 40550), (118, 40526),

Gene: Naca_58 Start: 39771, Stop: 39505, Start Num: 35
Candidate Starts for Naca_58:
(Start: 35 @39771 has 8 MA's), (112, 39564),

Gene: Naira_61 Start: 41695, Stop: 41561, Start Num: 81
Candidate Starts for Naira_61:
(Start: 81 @41695 has 155 MA's), (115, 41593),

Gene: Naji_68 Start: 41301, Stop: 41065, Start Num: 50
Candidate Starts for Naji_68:
(15, 41454), (Start: 38 @41328 has 3 MA's), (Start: 50 @41301 has 173 MA's), (Start: 56 @41283 has 1 MA's), (66, 41250), (95, 41163),

Gene: Nebs_63 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for Nebs_63:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Neeharika16_65 Start: 38528, Stop: 38295, Start Num: 50

Candidate Starts for Neeharika16_65:

(Start: 50 @38528 has 173 MA's), (Start: 56 @38510 has 1 MA's), (60, 38489), (71, 38462), (Start: 75 @38447 has 50 MA's), (95, 38396), (102, 38381),

Gene: Nemo27_61 Start: 40463, Stop: 40239, Start Num: 54

Candidate Starts for Nemo27_61:

(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: Nerujay_60 Start: 40434, Stop: 40300, Start Num: 81

Candidate Starts for Nerujay_60:

(Start: 81 @40434 has 155 MA's), (115, 40332),

Gene: Netyap_98 Start: 61401, Stop: 61583, Start Num: 64

Candidate Starts for Netyap_98:

(Start: 64 @61401 has 29 MA's), (Start: 75 @61437 has 50 MA's), (Start: 79 @61443 has 18 MA's), (89, 61470), (90, 61476), (98, 61494), (112, 61524), (113, 61536),

Gene: Newrala_66 Start: 39070, Stop: 38837, Start Num: 50

Candidate Starts for Newrala_66:

(Start: 50 @39070 has 173 MA's), (Start: 56 @39052 has 1 MA's), (60, 39031), (71, 39004), (Start: 75 @38989 has 50 MA's), (95, 38938), (102, 38923),

Gene: Nhonho_57 Start: 40780, Stop: 40646, Start Num: 81

Candidate Starts for Nhonho_57:

(Start: 81 @40780 has 155 MA's), (115, 40678),

Gene: Nicholas_94 Start: 61205, Stop: 61339, Start Num: 79

Candidate Starts for Nicholas_94:

(Start: 79 @61205 has 18 MA's), (92, 61241), (94, 61244), (100, 61256), (115, 61307),

Gene: Nicholasp3_99 Start: 61193, Stop: 61375, Start Num: 64

Candidate Starts for Nicholasp3_99:

(Start: 64 @61193 has 29 MA's), (Start: 75 @61229 has 50 MA's), (Start: 79 @61235 has 18 MA's), (89, 61262), (90, 61268), (98, 61286), (112, 61316), (113, 61328),

Gene: NicoleTera_64 Start: 41319, Stop: 41080, Start Num: 50

Candidate Starts for NicoleTera_64:

(10, 41517), (Start: 50 @41319 has 173 MA's), (Start: 56 @41301 has 1 MA's), (96, 41181), (113, 41127),

Gene: Niza_60 Start: 41442, Stop: 41308, Start Num: 81

Candidate Starts for Niza_60:

(Start: 81 @41442 has 155 MA's), (115, 41340),

Gene: Noella_64 Start: 40847, Stop: 40644, Start Num: 54

Candidate Starts for Noella_64:

(Start: 41 @40877 has 25 MA's), (Start: 54 @40847 has 143 MA's), (100, 40718), (121, 40652),

Gene: Noelle_61 Start: 40629, Stop: 40402, Start Num: 54

Candidate Starts for Noelle_61:

(Start: 37 @40671 has 21 MA's), (Start: 41 @40659 has 25 MA's), (Start: 54 @40629 has 143 MA's), (112, 40461), (113, 40449),

Gene: Norbert_61 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for Norbert_61:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: NorthStar_60 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for NorthStar_60:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Norz_59 Start: 41380, Stop: 41120, Start Num: 75

Candidate Starts for Norz_59:

(Start: 75 @41380 has 50 MA's), (111, 41293), (124, 41191),

Gene: NotAPhaseMom_61 Start: 40468, Stop: 40244, Start Num: 54

Candidate Starts for NotAPhaseMom_61:

(Start: 37 @40510 has 21 MA's), (Start: 41 @40498 has 25 MA's), (Start: 54 @40468 has 143 MA's), (58, 40447), (113, 40291), (121, 40252),

Gene: NothingSpecial_63 Start: 41525, Stop: 41295, Start Num: 50

Candidate Starts for NothingSpecial_63:

(25, 41606), (Start: 34 @41567 has 1 MA's), (Start: 38 @41555 has 3 MA's), (Start: 50 @41525 has 173 MA's), (Start: 56 @41507 has 1 MA's), (113, 41342), (118, 41318), (121, 41303),

Gene: Noxious_56 Start: 40152, Stop: 40018, Start Num: 81

Candidate Starts for Noxious_56:

(Start: 81 @40152 has 155 MA's), (115, 40050),

Gene: Nyxis_61 Start: 40384, Stop: 40130, Start Num: 41

Candidate Starts for Nyxis_61:

(Start: 37 @40396 has 21 MA's), (Start: 41 @40384 has 25 MA's), (Start: 54 @40354 has 143 MA's), (58, 40333), (113, 40177), (121, 40138),

Gene: OKCentral2016_60 Start: 39649, Stop: 39413, Start Num: 48

Candidate Starts for OKCentral2016_60:

(Start: 48 @39649 has 56 MA's), (Start: 56 @39628 has 1 MA's),

Gene: OKaNui_62 Start: 40514, Stop: 40290, Start Num: 54

Candidate Starts for OKaNui_62:

(Start: 37 @40556 has 21 MA's), (Start: 41 @40544 has 25 MA's), (Start: 54 @40514 has 143 MA's), (58, 40493), (113, 40337), (121, 40298),

Gene: Obama12_63 Start: 40851, Stop: 40627, Start Num: 54

Candidate Starts for Obama12_63:

(Start: 37 @40893 has 21 MA's), (Start: 41 @40881 has 25 MA's), (Start: 54 @40851 has 143 MA's), (58, 40830), (113, 40674), (121, 40635),

Gene: Odin_66 Start: 40072, Stop: 39833, Start Num: 50

Candidate Starts for Odin_66:

(Start: 50 @40072 has 173 MA's), (Start: 56 @40054 has 1 MA's), (60, 40033), (66, 40021), (95, 39934),

Gene: Ohfah_63 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for Ohfah_63:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Ohno789_59 Start: 40571, Stop: 40311, Start Num: 75

Candidate Starts for Ohno789_59:

(Start: 75 @40571 has 50 MA's), (111, 40484), (124, 40382),

Gene: OlanP_67 Start: 41229, Stop: 40999, Start Num: 53

Candidate Starts for OlanP_67:

(Start: 53 @41229 has 17 MA's), (102, 41085), (113, 41046),

Gene: Ollie_68 Start: 41041, Stop: 40811, Start Num: 52

Candidate Starts for Ollie_68:

(Start: 41 @41068 has 25 MA's), (Start: 52 @41041 has 51 MA's), (96, 40912), (113, 40858),

Gene: Onglai_66 Start: 38931, Stop: 38782, Start Num: 50

Candidate Starts for Onglai_66:

(Start: 50 @38931 has 173 MA's), (Start: 56 @38913 has 1 MA's), (71, 38865),

Gene: Oogway_57 Start: 39790, Stop: 39656, Start Num: 81

Candidate Starts for Oogway_57:

(Start: 81 @39790 has 155 MA's), (115, 39688),

Gene: Orange_65 Start: 40175, Stop: 39942, Start Num: 48

Candidate Starts for Orange_65:

(Start: 48 @40175 has 56 MA's), (Start: 56 @40157 has 1 MA's), (86, 40073), (106, 40013), (109, 40007),

Gene: OverPar_101 Start: 61561, Stop: 61743, Start Num: 64

Candidate Starts for OverPar_101:

(Start: 64 @61561 has 29 MA's), (Start: 75 @61597 has 50 MA's), (Start: 79 @61603 has 18 MA's), (89, 61630), (90, 61636), (98, 61654), (112, 61684), (113, 61696),

Gene: P28Green_69 Start: 41173, Stop: 40943, Start Num: 52

Candidate Starts for P28Green_69:

(Start: 41 @41200 has 25 MA's), (Start: 52 @41173 has 51 MA's), (96, 41044), (113, 40990),

Gene: PGHhamlin_70 Start: 41189, Stop: 40932, Start Num: 41

Candidate Starts for PGHhamlin_70:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: PP_67 Start: 45562, Stop: 45308, Start Num: 40

Candidate Starts for PP_67:

(Start: 40 @45562 has 1 MA's), (Start: 56 @45523 has 1 MA's), (97, 45406), (108, 45379),

Gene: PSullivan_58 Start: 38828, Stop: 38685, Start Num: 75

Candidate Starts for PSullivan_58:

(Start: 75 @38828 has 50 MA's),

Gene: PYPDinur_100 Start: 61783, Stop: 61956, Start Num: 64

Candidate Starts for PYPDinur_100:

(Start: 33 @61690 has 1 MA's), (39, 61705), (46, 61729), (Start: 64 @61783 has 29 MA's), (72, 61807),

(Start: 79 @61825 has 18 MA's), (83, 61837), (89, 61852), (90, 61858), (112, 61897), (115, 61924),

Gene: PacerPaul_58 Start: 40284, Stop: 40150, Start Num: 81

Candidate Starts for PacerPaul_58:

(Start: 81 @40284 has 155 MA's), (115, 40182),

Gene: PackMan_67 Start: 40602, Stop: 40453, Start Num: 50

Candidate Starts for PackMan_67:

(Start: 50 @40602 has 173 MA's), (Start: 56 @40584 has 1 MA's), (71, 40536),

Gene: Palestino_61 Start: 40506, Stop: 40240, Start Num: 37

Candidate Starts for Palestino_61:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's),

(58, 40443), (113, 40287), (121, 40248),

Gene: Panamaxus_62 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for Panamaxus_62:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Papez_61 Start: 41812, Stop: 41678, Start Num: 81

Candidate Starts for Papez_61:

(Start: 81 @41812 has 155 MA's), (115, 41710),

Gene: Paphu_57 Start: 39421, Stop: 39287, Start Num: 81

Candidate Starts for Paphu_57:

(Start: 81 @39421 has 155 MA's), (115, 39319),

Gene: Paraselene_56 Start: 40336, Stop: 40193, Start Num: 75

Candidate Starts for Paraselene_56:

(Start: 75 @40336 has 50 MA's),

Gene: Pari_61 Start: 39772, Stop: 39512, Start Num: 75

Candidate Starts for Pari_61:

(Start: 75 @39772 has 50 MA's), (111, 39685), (124, 39583),

Gene: Parliament_58 Start: 40049, Stop: 39915, Start Num: 81

Candidate Starts for Parliament_58:

(Start: 81 @40049 has 155 MA's),

Gene: PascalRango_58 Start: 40088, Stop: 39954, Start Num: 81

Candidate Starts for PascalRango_58:

(Start: 81 @40088 has 155 MA's), (115, 39986),

Gene: PattyP_60 Start: 40478, Stop: 40344, Start Num: 81

Candidate Starts for PattyP_60:

(Start: 81 @40478 has 155 MA's), (115, 40376),

Gene: Pawn_68 Start: 41060, Stop: 40830, Start Num: 53
Candidate Starts for Pawn_68:
(Start: 53 @41060 has 17 MA's), (102, 40916), (113, 40877),

Gene: Payneful_58 Start: 39771, Stop: 39637, Start Num: 81
Candidate Starts for Payneful_58:
(Start: 81 @39771 has 155 MA's), (115, 39669),

Gene: PeaceMeal1_59 Start: 39186, Stop: 38950, Start Num: 48
Candidate Starts for PeaceMeal1_59:
(Start: 48 @39186 has 56 MA's), (Start: 56 @39165 has 1 MA's), (60, 39144), (95, 39051), (102, 39036),

Gene: Peaches_60 Start: 40463, Stop: 40239, Start Num: 54
Candidate Starts for Peaches_60:
(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: Pelly_58 Start: 39989, Stop: 39738, Start Num: 80
Candidate Starts for Pelly_58:
(Start: 80 @39989 has 6 MA's), (99, 39938), (105, 39920),

Gene: Pembroke_68 Start: 41198, Stop: 40941, Start Num: 41
Candidate Starts for Pembroke_68:
(Start: 41 @41198 has 25 MA's), (Start: 52 @41171 has 51 MA's), (96, 41042), (113, 40988),

Gene: Penny1_68 Start: 41174, Stop: 40944, Start Num: 52
Candidate Starts for Penny1_68:
(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: Pepe_55 Start: 38549, Stop: 38406, Start Num: 75
Candidate Starts for Pepe_55:
(Start: 75 @38549 has 50 MA's),

Gene: Perplexer_60 Start: 40301, Stop: 40077, Start Num: 54
Candidate Starts for Perplexer_60:
(Start: 37 @40343 has 21 MA's), (Start: 41 @40331 has 25 MA's), (Start: 54 @40301 has 143 MA's), (112, 40136), (113, 40124),

Gene: Perseus_58 Start: 40793, Stop: 40659, Start Num: 81
Candidate Starts for Perseus_58:
(Start: 81 @40793 has 155 MA's), (115, 40691),

Gene: PeterPeter_62 Start: 40461, Stop: 40237, Start Num: 54
Candidate Starts for PeterPeter_62:
(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Petersenfast_64 Start: 40174, Stop: 39941, Start Num: 48
Candidate Starts for Petersenfast_64:
(Start: 48 @40174 has 56 MA's), (Start: 56 @40156 has 1 MA's), (86, 40072), (106, 40012), (109, 40006),

Gene: Peterson_62 Start: 42031, Stop: 41897, Start Num: 81

Candidate Starts for Peterson_62:

(Start: 81 @42031 has 155 MA's), (115, 41929),

Gene: PetiteSangsue_60 Start: 40304, Stop: 40080, Start Num: 54

Candidate Starts for PetiteSangsue_60:

(Start: 37 @40346 has 21 MA's), (Start: 41 @40334 has 25 MA's), (Start: 54 @40304 has 143 MA's), (112, 40139), (113, 40127),

Gene: Petp2012_59 Start: 40827, Stop: 40693, Start Num: 81

Candidate Starts for Petp2012_59:

(Start: 81 @40827 has 155 MA's), (115, 40725),

Gene: Petruchio_57 Start: 39237, Stop: 39103, Start Num: 81

Candidate Starts for Petruchio_57:

(Start: 81 @39237 has 155 MA's), (115, 39135),

Gene: PetterN_63 Start: 39541, Stop: 39275, Start Num: 35

Candidate Starts for PetterN_63:

(Start: 35 @39541 has 8 MA's), (45, 39508), (113, 39322),

Gene: Ph8s_69 Start: 40234, Stop: 39995, Start Num: 50

Candidate Starts for Ph8s_69:

(Start: 38 @40258 has 3 MA's), (Start: 50 @40234 has 173 MA's), (Start: 56 @40216 has 1 MA's), (66, 40183), (95, 40096), (110, 40063), (121, 40003),

Gene: Phacado_62 Start: 40505, Stop: 40239, Start Num: 37

Candidate Starts for Phacado_62:

(Start: 37 @40505 has 21 MA's), (Start: 41 @40493 has 25 MA's), (Start: 54 @40463 has 143 MA's), (58, 40442), (113, 40286), (121, 40247),

Gene: Phaded_63 Start: 41980, Stop: 41705, Start Num: 34

Candidate Starts for Phaded_63:

(Start: 34 @41980 has 1 MA's), (Start: 38 @41968 has 3 MA's), (Start: 48 @41941 has 56 MA's), (Start: 56 @41920 has 1 MA's), (118, 41728), (121, 41713),

Gene: Phaeder_68 Start: 40602, Stop: 40453, Start Num: 50

Candidate Starts for Phaeder_68:

(Start: 50 @40602 has 173 MA's), (Start: 56 @40584 has 1 MA's), (71, 40536),

Gene: Phantastic_66 Start: 40511, Stop: 40281, Start Num: 54

Candidate Starts for Phantastic_66:

(Start: 37 @40553 has 21 MA's), (Start: 41 @40541 has 25 MA's), (Start: 54 @40511 has 143 MA's), (102, 40367),

Gene: Pharaoh_62 Start: 40656, Stop: 40402, Start Num: 50

Candidate Starts for Pharaoh_62:

(8, 40863), (13, 40833), (Start: 38 @40686 has 3 MA's), (Start: 50 @40656 has 173 MA's), (Start: 56 @40638 has 1 MA's), (Start: 75 @40575 has 50 MA's), (86, 40551), (87, 40548), (97, 40497), (118, 40422),

Gene: Phelipe_63 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for Phelipe_63:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's),
(58, 40446), (113, 40290), (121, 40251),

Gene: PherrisBueller_57 Start: 38645, Stop: 38385, Start Num: 75

Candidate Starts for PherrisBueller_57:

(Start: 75 @38645 has 50 MA's), (111, 38558), (124, 38456),

Gene: Phighter1804_62 Start: 40570, Stop: 40304, Start Num: 37

Candidate Starts for Phighter1804_62:

(Start: 37 @40570 has 21 MA's), (Start: 41 @40558 has 25 MA's), (Start: 54 @40528 has 143 MA's),
(58, 40507), (113, 40351), (121, 40312),

Gene: PhineBark_58 Start: 40476, Stop: 40342, Start Num: 81

Candidate Starts for PhineBark_58:

(Start: 81 @40476 has 155 MA's), (115, 40374),

Gene: PhishRPhriends_66 Start: 40237, Stop: 40007, Start Num: 53

Candidate Starts for PhishRPhriends_66:

(Start: 53 @40237 has 17 MA's), (102, 40093), (113, 40054),

Gene: Phlei_54 Start: 40345, Stop: 40127, Start Num: 48

Candidate Starts for Phlei_54:

(Start: 48 @40345 has 56 MA's), (Start: 56 @40324 has 1 MA's), (94, 40225), (120, 40135),

Gene: Phlippers_56 Start: 40591, Stop: 40457, Start Num: 81

Candidate Starts for Phlippers_56:

(Start: 81 @40591 has 155 MA's), (115, 40489),

Gene: Phoebe_69 Start: 41190, Stop: 40933, Start Num: 41

Candidate Starts for Phoebe_69:

(Start: 41 @41190 has 25 MA's), (Start: 52 @41163 has 51 MA's), (96, 41034), (113, 40980),

Gene: Phonnegut_69 Start: 40824, Stop: 40675, Start Num: 50

Candidate Starts for Phonnegut_69:

(Start: 50 @40824 has 173 MA's), (Start: 56 @40806 has 1 MA's), (71, 40758),

Gene: Phontbonne_62 Start: 40370, Stop: 40146, Start Num: 54

Candidate Starts for Phontbonne_62:

(Start: 37 @40412 has 21 MA's), (Start: 41 @40400 has 25 MA's), (Start: 54 @40370 has 143 MA's),
(58, 40349), (121, 40154),

Gene: Phoxy_68 Start: 41195, Stop: 40965, Start Num: 52

Candidate Starts for Phoxy_68:

(Start: 41 @41222 has 25 MA's), (Start: 52 @41195 has 51 MA's), (96, 41066), (113, 41012),

Gene: Phranny_69 Start: 41042, Stop: 40812, Start Num: 53

Candidate Starts for Phranny_69:

(Start: 53 @41042 has 17 MA's), (102, 40898), (113, 40859),

Gene: PhrostyMug_58 Start: 40562, Stop: 40428, Start Num: 81

Candidate Starts for PhrostyMug_58:

(Start: 81 @40562 has 155 MA's), (115, 40460),

Gene: PinkPlastic_58 Start: 39549, Stop: 39415, Start Num: 81

Candidate Starts for PinkPlastic_58:

(Start: 81 @39549 has 155 MA's), (115, 39447),

Gene: Pinto_59 Start: 40150, Stop: 40013, Start Num: 78

Candidate Starts for Pinto_59:

(Start: 78 @40150 has 3 MA's), (Start: 81 @40147 has 155 MA's), (115, 40045),

Gene: Pioneer_69 Start: 40824, Stop: 40675, Start Num: 50

Candidate Starts for Pioneer_69:

(Start: 50 @40824 has 173 MA's), (Start: 56 @40806 has 1 MA's), (71, 40758),

Gene: Pipcraft_59 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Pipcraft_59:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Pippin_59 Start: 39764, Stop: 39630, Start Num: 81

Candidate Starts for Pippin_59:

(Start: 81 @39764 has 155 MA's), (115, 39662),

Gene: Piro94_65 Start: 41086, Stop: 40856, Start Num: 50

Candidate Starts for Piro94_65:

(Start: 50 @41086 has 173 MA's), (Start: 56 @41068 has 1 MA's), (59, 41050), (71, 41020), (113, 40903), (118, 40879),

Gene: Pistachio_65 Start: 40443, Stop: 40213, Start Num: 54

Candidate Starts for Pistachio_65:

(Start: 37 @40485 has 21 MA's), (Start: 41 @40473 has 25 MA's), (Start: 54 @40443 has 143 MA's), (102, 40299), (103, 40296), (115, 40245),

Gene: Pita2_61 Start: 40325, Stop: 40182, Start Num: 75

Candidate Starts for Pita2_61:

(Start: 75 @40325 has 50 MA's),

Gene: Pmask_65 Start: 39071, Stop: 38838, Start Num: 50

Candidate Starts for Pmask_65:

(Start: 50 @39071 has 173 MA's), (Start: 56 @39053 has 1 MA's), (60, 39032), (71, 39005), (Start: 75 @38990 has 50 MA's), (95, 38939), (102, 38924),

Gene: Pocahontas_64 Start: 40843, Stop: 40640, Start Num: 54

Candidate Starts for Pocahontas_64:

(Start: 41 @40873 has 25 MA's), (Start: 54 @40843 has 143 MA's), (100, 40714), (121, 40648),

Gene: Polymorphads_63 Start: 40457, Stop: 40233, Start Num: 54

Candidate Starts for Polymorphads_63:

(Start: 37 @40499 has 21 MA's), (Start: 41 @40487 has 25 MA's), (Start: 54 @40457 has 143 MA's), (58, 40436), (86, 40361), (113, 40280), (121, 40241),

Gene: Polyphemus_68 Start: 39456, Stop: 39223, Start Num: 50

Candidate Starts for Polyphemus_68:

(Start: 50 @39456 has 173 MA's), (Start: 56 @39438 has 1 MA's), (60, 39417), (71, 39390), (Start: 75 @39375 has 50 MA's), (95, 39324), (102, 39309),

Gene: Pomar16_67 Start: 41341, Stop: 41105, Start Num: 50

Candidate Starts for Pomar16_67:

(15, 41494), (Start: 38 @41368 has 3 MA's), (Start: 50 @41341 has 173 MA's), (Start: 56 @41323 has 1 MA's), (66, 41290), (95, 41203),

Gene: Poompha_59 Start: 39184, Stop: 38948, Start Num: 48

Candidate Starts for Poompha_59:

(Start: 48 @39184 has 56 MA's), (Start: 56 @39163 has 1 MA's), (60, 39142), (95, 39049), (102, 39034),

Gene: Popcicle_64 Start: 40843, Stop: 40640, Start Num: 54

Candidate Starts for Popcicle_64:

(Start: 41 @40873 has 25 MA's), (Start: 54 @40843 has 143 MA's), (100, 40714), (121, 40648),

Gene: PotatoSplit_69 Start: 41174, Stop: 40944, Start Num: 52

Candidate Starts for PotatoSplit_69:

(Start: 41 @41201 has 25 MA's), (Start: 52 @41174 has 51 MA's), (96, 41045), (113, 40991),

Gene: Power_65 Start: 41360, Stop: 41130, Start Num: 50

Candidate Starts for Power_65:

(Start: 50 @41360 has 173 MA's), (Start: 56 @41342 has 1 MA's), (59, 41324), (112, 41186),

Gene: PowerRanger_56 Start: 40985, Stop: 40851, Start Num: 81

Candidate Starts for PowerRanger_56:

(Start: 81 @40985 has 155 MA's), (115, 40883),

Gene: Priamo_68 Start: 38887, Stop: 38654, Start Num: 50

Candidate Starts for Priamo_68:

(Start: 50 @38887 has 173 MA's), (Start: 56 @38869 has 1 MA's), (60, 38848), (71, 38821), (Start: 75 @38806 has 50 MA's), (95, 38755), (102, 38740),

Gene: Priya_66 Start: 40398, Stop: 40165, Start Num: 50

Candidate Starts for Priya_66:

(Start: 50 @40398 has 173 MA's), (Start: 56 @40380 has 1 MA's), (86, 40293), (95, 40266), (114, 40203), (118, 40188),

Gene: ProMouse_58 Start: 40099, Stop: 39956, Start Num: 75

Candidate Starts for ProMouse_58:

(Start: 75 @40099 has 50 MA's), (115, 39988),

Gene: Prudy_60 Start: 41489, Stop: 41256, Start Num: 50

Candidate Starts for Prudy_60:

(Start: 50 @41489 has 173 MA's), (Start: 56 @41471 has 1 MA's), (95, 41357), (102, 41342), (118, 41279),

Gene: Pukovnik_63 Start: 41608, Stop: 41375, Start Num: 48

Candidate Starts for Pukovnik_63:

(Start: 34 @41647 has 1 MA's), (Start: 38 @41635 has 3 MA's), (Start: 48 @41608 has 56 MA's), (Start: 56 @41587 has 1 MA's), (95, 41473), (97, 41470), (113, 41419),

Gene: Pumbaa_62 Start: 40409, Stop: 40185, Start Num: 54

Candidate Starts for Pumbaa_62:

(Start: 37 @40451 has 21 MA's), (Start: 41 @40439 has 25 MA's), (Start: 54 @40409 has 143 MA's), (58, 40388), (113, 40232), (121, 40193),

Gene: Puppet_57 Start: 40265, Stop: 40131, Start Num: 81

Candidate Starts for Puppet_57:

(Start: 81 @40265 has 155 MA's), (115, 40163),

Gene: Puppy_65 Start: 40515, Stop: 40285, Start Num: 54

Candidate Starts for Puppy_65:

(Start: 37 @40557 has 21 MA's), (Start: 41 @40545 has 25 MA's), (Start: 54 @40515 has 143 MA's), (102, 40371), (103, 40368), (115, 40317),

Gene: PurpleHaze_68 Start: 41055, Stop: 40825, Start Num: 53

Candidate Starts for PurpleHaze_68:

(Start: 53 @41055 has 17 MA's), (102, 40911), (113, 40872),

Gene: QTRLifeCrisis_58 Start: 40342, Stop: 40199, Start Num: 75

Candidate Starts for QTRLifeCrisis_58:

(Start: 75 @40342 has 50 MA's),

Gene: Qobbit_66 Start: 40360, Stop: 40127, Start Num: 50

Candidate Starts for Qobbit_66:

(Start: 50 @40360 has 173 MA's), (Start: 56 @40342 has 1 MA's), (86, 40255), (95, 40228), (114, 40165), (118, 40150),

Gene: Quby_100 Start: 61112, Stop: 61285, Start Num: 63

Candidate Starts for Quby_100:

(61, 61109), (63, 61112), (72, 61136), (Start: 79 @61154 has 18 MA's), (83, 61166), (89, 61181), (90, 61187), (112, 61226), (115, 61253),

Gene: QueenB2_65 Start: 41338, Stop: 41108, Start Num: 50

Candidate Starts for QueenB2_65:

(23, 41425), (Start: 34 @41383 has 1 MA's), (Start: 38 @41371 has 3 MA's), (Start: 50 @41338 has 173 MA's), (Start: 56 @41320 has 1 MA's), (59, 41302), (113, 41152),

Gene: QueenBeesly_66 Start: 41316, Stop: 41086, Start Num: 50

Candidate Starts for QueenBeesly_66:

(Start: 50 @41316 has 173 MA's), (Start: 56 @41298 has 1 MA's), (59, 41280), (112, 41142),

Gene: QuinnKiro_63 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for QuinnKiro_63:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Quokka_67 Start: 40388, Stop: 40152, Start Num: 50

Candidate Starts for Quokka_67:

(27, 40448), (Start: 38 @40415 has 3 MA's), (Start: 50 @40388 has 173 MA's), (Start: 56 @40370 has 1 MA's), (66, 40337), (95, 40250),

Gene: Rachaly_63 Start: 41211, Stop: 40981, Start Num: 50

Candidate Starts for Rachaly_63:

(Start: 50 @41211 has 173 MA's), (Start: 56 @41193 has 1 MA's), (97, 41079), (113, 41028), (121, 40989),

Gene: Rahalelujah_66 Start: 40152, Stop: 39919, Start Num: 50

Candidate Starts for Rahalelujah_66:

(Start: 50 @40152 has 173 MA's), (Start: 56 @40134 has 1 MA's), (71, 40086), (107, 39993), (118, 39942),

Gene: Raid_57 Start: 39512, Stop: 39378, Start Num: 81

Candidate Starts for Raid_57:

(Start: 81 @39512 has 155 MA's), (115, 39410),

Gene: Rajelicia_59 Start: 40856, Stop: 40722, Start Num: 81

Candidate Starts for Rajelicia_59:

(Start: 81 @40856 has 155 MA's), (115, 40754),

Gene: Reba_68 Start: 40715, Stop: 40485, Start Num: 53

Candidate Starts for Reba_68:

(Start: 53 @40715 has 17 MA's), (102, 40571), (113, 40532),

Gene: Rebeuca_62 Start: 40483, Stop: 40250, Start Num: 48

Candidate Starts for Rebeuca_62:

(Start: 38 @40510 has 3 MA's), (Start: 48 @40483 has 56 MA's), (Start: 56 @40462 has 1 MA's), (85, 40378),

Gene: Red305_97 Start: 61096, Stop: 61230, Start Num: 79

Candidate Starts for Red305_97:

(Start: 79 @61096 has 18 MA's), (92, 61132), (94, 61135), (100, 61147), (115, 61198),

Gene: RedRock_67 Start: 42256, Stop: 42023, Start Num: 50

Candidate Starts for RedRock_67:

(Start: 38 @42286 has 3 MA's), (Start: 50 @42256 has 173 MA's), (Start: 56 @42238 has 1 MA's), (95, 42124), (102, 42109),

Gene: Refuge_63 Start: 41665, Stop: 41432, Start Num: 50

Candidate Starts for Refuge_63:

(Start: 38 @41695 has 3 MA's), (Start: 50 @41665 has 173 MA's), (Start: 56 @41647 has 1 MA's), (Start: 75 @41584 has 50 MA's), (86, 41560),

Gene: Relief_61 Start: 40461, Stop: 40237, Start Num: 54

Candidate Starts for Relief_61:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: ResDef_63 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for ResDef_63:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Retro23_67 Start: 41552, Stop: 41322, Start Num: 50

Candidate Starts for Retro23_67:

(23, 41639), (Start: 38 @41585 has 3 MA's), (Start: 50 @41552 has 173 MA's), (Start: 56 @41534 has 1 MA's), (59, 41516), (113, 41366),

Gene: RhynO_61 Start: 40124, Stop: 39888, Start Num: 48
Candidate Starts for RhynO_61:
(Start: 38 @40151 has 3 MA's), (Start: 48 @40124 has 56 MA's), (Start: 56 @40103 has 1 MA's),

Gene: Rhynn_56 Start: 38880, Stop: 38746, Start Num: 81
Candidate Starts for Rhynn_56:
(Start: 81 @38880 has 155 MA's), (115, 38778),

Gene: RidgeCB_58 Start: 40123, Stop: 39989, Start Num: 81
Candidate Starts for RidgeCB_58:
(Start: 81 @40123 has 155 MA's), (115, 40021),

Gene: Rifter_67 Start: 38679, Stop: 38446, Start Num: 50
Candidate Starts for Rifter_67:
(Start: 38 @38709 has 3 MA's), (Start: 50 @38679 has 173 MA's), (Start: 56 @38661 has 1 MA's), (60, 38640), (71, 38613), (95, 38547), (107, 38520), (113, 38493), (121, 38454),

Gene: Ringer_58 Start: 41030, Stop: 40896, Start Num: 81
Candidate Starts for Ringer_58:
(Start: 81 @41030 has 155 MA's), (115, 40928),

Gene: RockieBear_60 Start: 40464, Stop: 40240, Start Num: 54
Candidate Starts for RockieBear_60:
(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Rockstar_63 Start: 40337, Stop: 40107, Start Num: 54
Candidate Starts for Rockstar_63:
(Start: 37 @40379 has 21 MA's), (Start: 41 @40367 has 25 MA's), (Start: 54 @40337 has 143 MA's), (83, 40247),

Gene: Rohr_59 Start: 40002, Stop: 39868, Start Num: 81
Candidate Starts for Rohr_59:
(Start: 81 @40002 has 155 MA's), (115, 39900),

Gene: Roksolana_68 Start: 39513, Stop: 39280, Start Num: 50
Candidate Starts for Roksolana_68:
(Start: 38 @39543 has 3 MA's), (Start: 50 @39513 has 173 MA's), (Start: 56 @39495 has 1 MA's), (60, 39474), (71, 39447), (95, 39381), (113, 39327), (121, 39288),

Gene: Romney_61 Start: 40461, Stop: 40237, Start Num: 54
Candidate Starts for Romney_61:
(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Roosevelt_60 Start: 40466, Stop: 40242, Start Num: 54
Candidate Starts for Roosevelt_60:
(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Rosa24_60 Start: 40495, Stop: 40271, Start Num: 54
Candidate Starts for Rosa24_60:

(Start: 37 @40537 has 21 MA's), (Start: 41 @40525 has 25 MA's), (Start: 54 @40495 has 143 MA's), (58, 40474), (113, 40318), (121, 40279),

Gene: Rossetti_99 Start: 61561, Stop: 61743, Start Num: 64

Candidate Starts for Rossetti_99:

(Start: 64 @61561 has 29 MA's), (Start: 75 @61597 has 50 MA's), (Start: 79 @61603 has 18 MA's), (82, 61612), (89, 61630), (98, 61654), (112, 61684), (113, 61696), (115, 61711),

Gene: Rowdy_64 Start: 40196, Stop: 39963, Start Num: 48

Candidate Starts for Rowdy_64:

(Start: 38 @40223 has 3 MA's), (Start: 48 @40196 has 56 MA's), (Start: 56 @40175 has 1 MA's), (85, 40091),

Gene: Rubeus_58 Start: 37943, Stop: 37806, Start Num: 78

Candidate Starts for Rubeus_58:

(Start: 78 @37943 has 3 MA's), (Start: 81 @37940 has 155 MA's), (115, 37838),

Gene: Rufus_59 Start: 39468, Stop: 39334, Start Num: 81

Candidate Starts for Rufus_59:

(Start: 81 @39468 has 155 MA's), (115, 39366),

Gene: Ruin_62 Start: 40457, Stop: 40233, Start Num: 54

Candidate Starts for Ruin_62:

(Start: 37 @40499 has 21 MA's), (Start: 41 @40487 has 25 MA's), (Start: 54 @40457 has 143 MA's), (58, 40436), (113, 40280), (121, 40241),

Gene: Rummer_67 Start: 41198, Stop: 40968, Start Num: 52

Candidate Starts for Rummer_67:

(Start: 41 @41225 has 25 MA's), (Start: 52 @41198 has 51 MA's), (96, 41069), (113, 41015),

Gene: Rumpelstiltskin_95 Start: 60986, Stop: 61168, Start Num: 64

Candidate Starts for Rumpelstiltskin_95:

(Start: 64 @60986 has 29 MA's), (Start: 75 @61022 has 50 MA's), (Start: 79 @61028 has 18 MA's), (89, 61055), (90, 61061), (98, 61079), (112, 61109), (113, 61121),

Gene: Ruotula_61 Start: 42152, Stop: 41901, Start Num: 80

Candidate Starts for Ruotula_61:

(Start: 80 @42152 has 6 MA's), (99, 42101), (105, 42083), (116, 42038), (123, 42011),

Gene: Rutherferd_59 Start: 40099, Stop: 39965, Start Num: 81

Candidate Starts for Rutherferd_59:

(Start: 81 @40099 has 155 MA's), (115, 39997),

Gene: RyeScarlet_70 Start: 40799, Stop: 40650, Start Num: 50

Candidate Starts for RyeScarlet_70:

(Start: 50 @40799 has 173 MA's), (Start: 56 @40781 has 1 MA's), (71, 40733),

Gene: STLscum_61 Start: 40923, Stop: 40780, Start Num: 75

Candidate Starts for STLscum_61:

(Start: 75 @40923 has 50 MA's),

Gene: Sabertooth_62 Start: 40496, Stop: 40242, Start Num: 41

Candidate Starts for Sabertooth_62:

(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Sabia_68 Start: 41179, Stop: 40949, Start Num: 52

Candidate Starts for Sabia_68:

(Start: 41 @41206 has 25 MA's), (Start: 52 @41179 has 51 MA's), (96, 41050), (113, 40996),

Gene: Sabinator_66 Start: 41169, Stop: 40939, Start Num: 52

Candidate Starts for Sabinator_66:

(Start: 41 @41196 has 25 MA's), (Start: 52 @41169 has 51 MA's), (96, 41040), (113, 40986),

Gene: Sachima_64 Start: 40628, Stop: 40479, Start Num: 50

Candidate Starts for Sachima_64:

(Start: 50 @40628 has 173 MA's), (Start: 56 @40610 has 1 MA's), (71, 40562),

Gene: Sagefire_60 Start: 40676, Stop: 40542, Start Num: 81

Candidate Starts for Sagefire_60:

(Start: 81 @40676 has 155 MA's), (115, 40574),

Gene: Salz_65 Start: 40073, Stop: 39840, Start Num: 48

Candidate Starts for Salz_65:

(Start: 35 @40115 has 8 MA's), (Start: 48 @40073 has 56 MA's), (Start: 56 @40055 has 1 MA's), (86, 39971), (106, 39911), (109, 39905),

Gene: Samty_95 Start: 61193, Stop: 61327, Start Num: 79

Candidate Starts for Samty_95:

(Start: 79 @61193 has 18 MA's), (92, 61229), (94, 61232), (100, 61244), (115, 61295),

Gene: Sandaddy_55 Start: 39509, Stop: 39366, Start Num: 75

Candidate Starts for Sandaddy_55:

(Start: 75 @39509 has 50 MA's), (115, 39398),

Gene: Sanya_54 Start: 39790, Stop: 39656, Start Num: 81

Candidate Starts for Sanya_54:

(Start: 81 @39790 has 155 MA's), (115, 39688),

Gene: SarFire_55 Start: 39071, Stop: 38928, Start Num: 75

Candidate Starts for SarFire_55:

(Start: 75 @39071 has 50 MA's), (115, 38960),

Gene: Sarshaun_100 Start: 62153, Stop: 62335, Start Num: 64

Candidate Starts for Sarshaun_100:

(Start: 64 @62153 has 29 MA's), (Start: 75 @62189 has 50 MA's), (Start: 79 @62195 has 18 MA's), (89, 62222), (90, 62228), (98, 62246), (112, 62276), (113, 62288),

Gene: Saskia_66 Start: 40173, Stop: 39940, Start Num: 48

Candidate Starts for Saskia_66:

(Start: 48 @40173 has 56 MA's), (Start: 56 @40155 has 1 MA's), (86, 40071), (106, 40011), (109, 40005),

Gene: SaturnRing_65 Start: 40896, Stop: 40666, Start Num: 54

Candidate Starts for SaturnRing_65:

(Start: 37 @40938 has 21 MA's), (Start: 41 @40926 has 25 MA's), (Start: 54 @40896 has 143 MA's), (102, 40752), (103, 40749), (115, 40698),

Gene: Scamp_62 Start: 40466, Stop: 40242, Start Num: 54

Candidate Starts for Scamp_62:

(Start: 37 @40508 has 21 MA's), (Start: 41 @40496 has 25 MA's), (Start: 54 @40466 has 143 MA's), (58, 40445), (113, 40289), (121, 40250),

Gene: Scherzo_68 Start: 41043, Stop: 40813, Start Num: 50

Candidate Starts for Scherzo_68:

(Start: 50 @41043 has 173 MA's), (Start: 56 @41025 has 1 MA's), (114, 40848), (118, 40833),

Gene: Scorpia_62 Start: 39600, Stop: 39334, Start Num: 35

Candidate Starts for Scorpia_62:

(Start: 35 @39600 has 8 MA's), (45, 39567), (113, 39381),

Gene: Scout_64 Start: 40050, Stop: 39820, Start Num: 54

Candidate Starts for Scout_64:

(Start: 37 @40092 has 21 MA's), (Start: 41 @40080 has 25 MA's), (Start: 54 @40050 has 143 MA's), (68, 40005),

Gene: Scowl_59 Start: 39900, Stop: 39757, Start Num: 75

Candidate Starts for Scowl_59:

(Start: 75 @39900 has 50 MA's),

Gene: Seabiscuit_62 Start: 39881, Stop: 39747, Start Num: 81

Candidate Starts for Seabiscuit_62:

(Start: 81 @39881 has 155 MA's), (115, 39779),

Gene: Seanderson_58 Start: 41329, Stop: 41072, Start Num: 77

Candidate Starts for Seanderson_58:

(Start: 77 @41329 has 4 MA's), (105, 41254),

Gene: SemperFi_67 Start: 41584, Stop: 41354, Start Num: 50

Candidate Starts for SemperFi_67:

(Start: 50 @41584 has 173 MA's), (Start: 56 @41566 has 1 MA's), (59, 41548), (112, 41410), (113, 41398),

Gene: SenorClean_62 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for SenorClean_62:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Serenity_69 Start: 40640, Stop: 40377, Start Num: 38

Candidate Starts for Serenity_69:

(Start: 38 @40640 has 3 MA's), (Start: 50 @40613 has 173 MA's), (Start: 56 @40595 has 1 MA's), (66, 40562), (95, 40475), (121, 40385),

Gene: Severus_59 Start: 39184, Stop: 38948, Start Num: 48

Candidate Starts for Severus_59:

(Start: 48 @39184 has 56 MA's), (Start: 56 @39163 has 1 MA's), (60, 39142), (95, 39049), (102, 39034),

Gene: Shaka_60 Start: 40491, Stop: 40237, Start Num: 41

Candidate Starts for Shaka_60:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Sham4_66 Start: 40173, Stop: 39940, Start Num: 48

Candidate Starts for Sham4_66:

(Start: 48 @40173 has 56 MA's), (Start: 56 @40155 has 1 MA's), (86, 40071), (106, 40011), (109, 40005),

Gene: Shapes_64 Start: 40196, Stop: 39963, Start Num: 48

Candidate Starts for Shapes_64:

(Start: 38 @40223 has 3 MA's), (Start: 48 @40196 has 56 MA's), (Start: 56 @40175 has 1 MA's), (85, 40091),

Gene: SheaKeira_63 Start: 39912, Stop: 39769, Start Num: 76

Candidate Starts for SheaKeira_63:

(Start: 76 @39912 has 6 MA's), (85, 39894), (95, 39861), (101, 39849), (121, 39777),

Gene: Sheen_65 Start: 43903, Stop: 43661, Start Num: 47

Candidate Starts for Sheen_65:

(12, 44068), (17, 44017), (18, 43984), (Start: 47 @43903 has 3 MA's), (Start: 56 @43882 has 1 MA's), (58, 43870), (112, 43720),

Gene: SheldonCooper_62 Start: 40868, Stop: 40644, Start Num: 54

Candidate Starts for SheldonCooper_62:

(Start: 37 @40910 has 21 MA's), (Start: 41 @40898 has 25 MA's), (Start: 54 @40868 has 143 MA's), (58, 40847), (113, 40691), (121, 40652),

Gene: Sheng711_101 Start: 61307, Stop: 61480, Start Num: 64

Candidate Starts for Sheng711_101:

(Start: 33 @61214 has 1 MA's), (39, 61229), (46, 61253), (Start: 64 @61307 has 29 MA's), (72, 61331), (Start: 79 @61349 has 18 MA's), (83, 61361), (89, 61376), (90, 61382), (112, 61421), (115, 61448),

Gene: ShortQueendom_51 Start: 36829, Stop: 36695, Start Num: 81

Candidate Starts for ShortQueendom_51:

(Start: 81 @36829 has 155 MA's), (115, 36727),

Gene: Shygu2_60 Start: 40355, Stop: 40131, Start Num: 54

Candidate Starts for Shygu2_60:

(Start: 37 @40397 has 21 MA's), (Start: 41 @40385 has 25 MA's), (Start: 54 @40355 has 143 MA's), (58, 40334),

Gene: Sibs6_60 Start: 38579, Stop: 38445, Start Num: 81

Candidate Starts for Sibs6_60:

(Start: 81 @38579 has 155 MA's), (115, 38477),

Gene: SkiPole_63 Start: 40593, Stop: 40450, Start Num: 75

Candidate Starts for SkiPole_63:

(Start: 75 @40593 has 50 MA's),

Gene: Skipitt_61 Start: 40458, Stop: 40234, Start Num: 54

Candidate Starts for Skipitt_61:

(Start: 37 @40500 has 21 MA's), (Start: 41 @40488 has 25 MA's), (Start: 54 @40458 has 143 MA's), (58, 40437), (113, 40281), (121, 40242),

Gene: Sknot_65 Start: 40736, Stop: 40506, Start Num: 50

Candidate Starts for Sknot_65:

(Start: 50 @40736 has 173 MA's), (Start: 56 @40718 has 1 MA's), (59, 40700), (71, 40670), (113, 40553), (118, 40529),

Gene: Slagathor_60 Start: 40909, Stop: 40775, Start Num: 81

Candidate Starts for Slagathor_60:

(Start: 81 @40909 has 155 MA's), (115, 40807),

Gene: Smairt_61 Start: 41555, Stop: 41421, Start Num: 81

Candidate Starts for Smairt_61:

(Start: 81 @41555 has 155 MA's), (115, 41453),

Gene: Smeagan_69 Start: 41886, Stop: 41656, Start Num: 50

Candidate Starts for Smeagan_69:

(6, 42135), (30, 41940), (32, 41934), (Start: 50 @41886 has 173 MA's), (Start: 56 @41868 has 1 MA's), (102, 41739), (113, 41700),

Gene: Smeagol_60 Start: 41059, Stop: 40925, Start Num: 81

Candidate Starts for Smeagol_60:

(Start: 81 @41059 has 155 MA's), (112, 40984), (115, 40957),

Gene: SmellyB_66 Start: 39068, Stop: 38835, Start Num: 50

Candidate Starts for SmellyB_66:

(Start: 50 @39068 has 173 MA's), (Start: 56 @39050 has 1 MA's), (60, 39029), (71, 39002), (Start: 75 @38987 has 50 MA's), (95, 38936), (102, 38921),

Gene: SnapTap_66 Start: 41395, Stop: 41165, Start Num: 50

Candidate Starts for SnapTap_66:

(Start: 50 @41395 has 173 MA's), (Start: 56 @41377 has 1 MA's), (59, 41359), (112, 41221),

Gene: Snape_66 Start: 40165, Stop: 39932, Start Num: 48

Candidate Starts for Snape_66:

(Start: 48 @40165 has 56 MA's), (Start: 56 @40147 has 1 MA's), (86, 40063), (106, 40003), (109, 39997),

Gene: Snazzy_57 Start: 39444, Stop: 39310, Start Num: 81

Candidate Starts for Snazzy_57:

(Start: 81 @39444 has 155 MA's), (115, 39342),

Gene: Snenia_95 Start: 61097, Stop: 61231, Start Num: 79

Candidate Starts for Snenia_95:

(Start: 79 @61097 has 18 MA's), (92, 61133), (94, 61136), (100, 61148), (115, 61199),

Gene: Snickers_68 Start: 41171, Stop: 40914, Start Num: 41

Candidate Starts for Snickers_68:

(Start: 41 @41171 has 25 MA's), (Start: 52 @41144 has 51 MA's), (96, 41015), (113, 40961),

Gene: SoJulia_101 Start: 62917, Stop: 63099, Start Num: 64

Candidate Starts for SoJulia_101:

(Start: 64 @62917 has 29 MA's), (Start: 75 @62953 has 50 MA's), (Start: 79 @62959 has 18 MA's), (89, 62986), (90, 62992), (98, 63010), (112, 63040), (113, 63052),

Gene: SoYo_67 Start: 41109, Stop: 40852, Start Num: 41

Candidate Starts for SoYo_67:

(Start: 41 @41109 has 25 MA's), (Start: 52 @41082 has 51 MA's), (96, 40953), (113, 40899),

Gene: Soap141_99 Start: 62153, Stop: 62335, Start Num: 64

Candidate Starts for Soap141_99:

(Start: 64 @62153 has 29 MA's), (Start: 75 @62189 has 50 MA's), (Start: 79 @62195 has 18 MA's), (89, 62222), (90, 62228), (98, 62246), (112, 62276), (113, 62288),

Gene: SoilDragon_68 Start: 40645, Stop: 40388, Start Num: 41

Candidate Starts for SoilDragon_68:

(Start: 41 @40645 has 25 MA's), (Start: 52 @40618 has 51 MA's), (96, 40489), (113, 40435), (115, 40420),

Gene: Solon_56 Start: 39316, Stop: 39182, Start Num: 81

Candidate Starts for Solon_56:

(Start: 81 @39316 has 155 MA's), (115, 39214),

Gene: SororFago_67 Start: 41621, Stop: 41472, Start Num: 50

Candidate Starts for SororFago_67:

(Start: 38 @41651 has 3 MA's), (Start: 50 @41621 has 173 MA's), (Start: 56 @41603 has 1 MA's), (60, 41582), (71, 41555),

Gene: Sorpresa_56 Start: 39511, Stop: 39368, Start Num: 75

Candidate Starts for Sorpresa_56:

(Start: 75 @39511 has 50 MA's), (115, 39400),

Gene: Soshari_70 Start: 41194, Stop: 40964, Start Num: 52

Candidate Starts for Soshari_70:

(Start: 41 @41221 has 25 MA's), (Start: 52 @41194 has 51 MA's), (96, 41065), (113, 41011),

Gene: Sparxx_63 Start: 40459, Stop: 40235, Start Num: 54

Candidate Starts for Sparxx_63:

(Start: 37 @40501 has 21 MA's), (Start: 41 @40489 has 25 MA's), (Start: 54 @40459 has 143 MA's), (58, 40438), (113, 40282), (121, 40243),

Gene: Spike509_68 Start: 41195, Stop: 40965, Start Num: 52

Candidate Starts for Spike509_68:

(Start: 41 @41222 has 25 MA's), (Start: 52 @41195 has 51 MA's), (96, 41066), (113, 41012),

Gene: SpikeBT_57 Start: 39705, Stop: 39445, Start Num: 75

Candidate Starts for SpikeBT_57:

(Start: 75 @39705 has 50 MA's), (111, 39618), (122, 39558), (123, 39555),

Gene: Spino_61 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for Spino_61:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Spouty_66 Start: 40397, Stop: 40164, Start Num: 50

Candidate Starts for Spouty_66:

(Start: 50 @40397 has 173 MA's), (Start: 56 @40379 has 1 MA's), (86, 40292), (95, 40265), (114, 40202), (118, 40187),

Gene: Squee_59 Start: 40162, Stop: 40028, Start Num: 81

Candidate Starts for Squee_59:

(Start: 81 @40162 has 155 MA's), (115, 40060),

Gene: Stagni_67 Start: 41173, Stop: 40943, Start Num: 52

Candidate Starts for Stagni_67:

(Start: 41 @41200 has 25 MA's), (Start: 52 @41173 has 51 MA's), (96, 41044), (113, 40990),

Gene: StarStuff_68 Start: 41303, Stop: 41067, Start Num: 50

Candidate Starts for StarStuff_68:

(15, 41456), (Start: 38 @41330 has 3 MA's), (Start: 50 @41303 has 173 MA's), (Start: 56 @41285 has 1 MA's), (66, 41252), (95, 41165),

Gene: Stasia_60 Start: 40232, Stop: 40008, Start Num: 54

Candidate Starts for Stasia_60:

(Start: 37 @40274 has 21 MA's), (Start: 41 @40262 has 25 MA's), (Start: 54 @40232 has 143 MA's), (113, 40055),

Gene: SteMason_59 Start: 40461, Stop: 40237, Start Num: 54

Candidate Starts for SteMason_59:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Steamy_62 Start: 40151, Stop: 39912, Start Num: 50

Candidate Starts for Steamy_62:

(Start: 38 @40181 has 3 MA's), (Start: 50 @40151 has 173 MA's), (Start: 56 @40133 has 1 MA's),

Gene: StepMih_67 Start: 41164, Stop: 40934, Start Num: 52

Candidate Starts for StepMih_67:

(Start: 41 @41191 has 25 MA's), (Start: 52 @41164 has 51 MA's), (96, 41035), (113, 40981),

Gene: StewieG_55 Start: 36836, Stop: 36702, Start Num: 81

Candidate Starts for StewieG_55:

(Start: 81 @36836 has 155 MA's), (115, 36734),

Gene: Stink_59 Start: 40033, Stop: 39809, Start Num: 54

Candidate Starts for Stink_59:

(Start: 37 @40075 has 21 MA's), (Start: 41 @40063 has 25 MA's), (Start: 54 @40033 has 143 MA's), (58, 40012),

Gene: StrongArm_57 Start: 40820, Stop: 40560, Start Num: 75

Candidate Starts for StrongArm_57:

(Start: 75 @40820 has 50 MA's), (111, 40733), (124, 40631),

Gene: Sultana_62 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for Sultana_62:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: Sumter_54 Start: 40052, Stop: 39918, Start Num: 81

Candidate Starts for Sumter_54:

(Start: 81 @40052 has 155 MA's), (115, 39950),

Gene: Sunhee_68 Start: 39935, Stop: 39705, Start Num: 50

Candidate Starts for Sunhee_68:

(Start: 50 @39935 has 173 MA's), (Start: 56 @39917 has 1 MA's), (60, 39896), (102, 39788),

Gene: Sunshine924_60 Start: 39199, Stop: 39056, Start Num: 75

Candidate Starts for Sunshine924_60:

(Start: 75 @39199 has 50 MA's),

Gene: SuperAwesome_66 Start: 39073, Stop: 38840, Start Num: 50

Candidate Starts for SuperAwesome_66:

(Start: 50 @39073 has 173 MA's), (Start: 56 @39055 has 1 MA's), (60, 39034), (71, 39007), (Start: 75 @38992 has 50 MA's), (95, 38941), (102, 38926),

Gene: SuperCallie99_63 Start: 38955, Stop: 38722, Start Num: 50

Candidate Starts for SuperCallie99_63:

(Start: 50 @38955 has 173 MA's), (Start: 56 @38937 has 1 MA's), (60, 38916), (71, 38889), (Start: 75 @38874 has 50 MA's), (95, 38823), (102, 38808),

Gene: Superchunk_67 Start: 39685, Stop: 39446, Start Num: 50

Candidate Starts for Superchunk_67:

(Start: 50 @39685 has 173 MA's), (Start: 56 @39667 has 1 MA's), (60, 39646), (66, 39634), (95, 39547),

Gene: SweetiePie_66 Start: 41527, Stop: 41297, Start Num: 50

Candidate Starts for SweetiePie_66:

(Start: 50 @41527 has 173 MA's), (Start: 56 @41509 has 1 MA's), (59, 41491), (112, 41353),

Gene: SwirlSquare_72 Start: 40512, Stop: 40273, Start Num: 50

Candidate Starts for SwirlSquare_72:

(Start: 38 @40536 has 3 MA's), (Start: 50 @40512 has 173 MA's), (Start: 56 @40494 has 1 MA's), (66, 40461), (95, 40374),

Gene: SwissCheese_59 Start: 39632, Stop: 39498, Start Num: 81

Candidate Starts for SwissCheese_59:

(Start: 81 @39632 has 155 MA's), (115, 39530),

Gene: Switzer_59 Start: 41665, Stop: 41522, Start Num: 75

Candidate Starts for Switzer_59:

(Start: 75 @41665 has 50 MA's),

Gene: Swole_59 Start: 39113, Stop: 38979, Start Num: 81

Candidate Starts for Swole_59:

(Start: 81 @39113 has 155 MA's), (115, 39011),

Gene: TNguyen7_66 Start: 40862, Stop: 40632, Start Num: 54

Candidate Starts for TNguyen7_66:

(Start: 37 @40904 has 21 MA's), (Start: 41 @40892 has 25 MA's), (Start: 54 @40862 has 143 MA's), (102, 40718), (103, 40715), (115, 40664),

Gene: Taquarus_61 Start: 40467, Stop: 40243, Start Num: 54

Candidate Starts for Taquarus_61:

(Start: 37 @40509 has 21 MA's), (Start: 41 @40497 has 25 MA's), (Start: 54 @40467 has 143 MA's), (58, 40446), (113, 40290), (121, 40251),

Gene: Target_59 Start: 38402, Stop: 38268, Start Num: 81

Candidate Starts for Target_59:

(Start: 81 @38402 has 155 MA's), (115, 38300),

Gene: TarsusIV_63 Start: 40986, Stop: 40756, Start Num: 50

Candidate Starts for TarsusIV_63:

(Start: 50 @40986 has 173 MA's), (Start: 56 @40968 has 1 MA's), (59, 40950), (71, 40920), (95, 40857), (113, 40803), (118, 40779), (121, 40764),

Gene: Tasp14_61 Start: 40363, Stop: 40229, Start Num: 81

Candidate Starts for Tasp14_61:

(Start: 81 @40363 has 155 MA's), (115, 40261),

Gene: Taurus_69 Start: 41170, Stop: 40940, Start Num: 52

Candidate Starts for Taurus_69:

(Start: 41 @41197 has 25 MA's), (Start: 52 @41170 has 51 MA's), (96, 41041), (113, 40987),

Gene: Temprado_68 Start: 39552, Stop: 39319, Start Num: 50

Candidate Starts for Temprado_68:

(Start: 38 @39582 has 3 MA's), (Start: 50 @39552 has 173 MA's), (Start: 56 @39534 has 1 MA's), (60, 39513), (71, 39486), (95, 39420), (107, 39393), (113, 39366), (121, 39327),

Gene: Teodoridan_56 Start: 39136, Stop: 39002, Start Num: 81

Candidate Starts for Teodoridan_56:

(Start: 81 @39136 has 155 MA's),

Gene: Terrific_66 Start: 41090, Stop: 40860, Start Num: 50

Candidate Starts for Terrific_66:

(Start: 50 @41090 has 173 MA's), (Start: 56 @41072 has 1 MA's), (59, 41054), (71, 41024), (113, 40907), (118, 40883),

Gene: Texage_62 Start: 40847, Stop: 40644, Start Num: 54

Candidate Starts for Texage_62:

(Start: 41 @40877 has 25 MA's), (Start: 54 @40847 has 143 MA's), (100, 40718), (121, 40652),

Gene: Thanksgivukkah_61 Start: 40504, Stop: 40238, Start Num: 37

Candidate Starts for Thanksgivukkah_61:

(Start: 37 @40504 has 21 MA's), (Start: 41 @40492 has 25 MA's), (Start: 54 @40462 has 143 MA's), (58, 40441), (113, 40285), (121, 40246),

Gene: TheloniousMonk_59 Start: 41765, Stop: 41631, Start Num: 81

Candidate Starts for TheloniousMonk_59:

(Start: 81 @41765 has 155 MA's), (115, 41663),

Gene: Thor_55 Start: 38429, Stop: 38286, Start Num: 75

Candidate Starts for Thor_55:

(Start: 75 @38429 has 50 MA's), (115, 38318),

Gene: Tiffany_67 Start: 41056, Stop: 40826, Start Num: 52

Candidate Starts for Tiffany_67:

(Start: 41 @41083 has 25 MA's), (Start: 52 @41056 has 51 MA's), (96, 40927), (113, 40873),

Gene: Timothy_66 Start: 40142, Stop: 39909, Start Num: 48

Candidate Starts for Timothy_66:

(Start: 48 @40142 has 56 MA's), (Start: 56 @40124 has 1 MA's), (86, 40040), (106, 39980), (109, 39974),

Gene: Timshel_65 Start: 43612, Stop: 43391, Start Num: 48

Candidate Starts for Timshel_65:

(12, 43789), (17, 43738), (Start: 48 @43612 has 56 MA's), (Start: 56 @43591 has 1 MA's),

Gene: TinaFeyge_60 Start: 40501, Stop: 40235, Start Num: 37

Candidate Starts for TinaFeyge_60:

(Start: 37 @40501 has 21 MA's), (Start: 41 @40489 has 25 MA's), (Start: 54 @40459 has 143 MA's), (58, 40438), (113, 40282), (121, 40243),

Gene: TinyPebbles_67 Start: 41227, Stop: 40970, Start Num: 41

Candidate Starts for TinyPebbles_67:

(Start: 41 @41227 has 25 MA's), (Start: 52 @41200 has 51 MA's), (96, 41071),

Gene: TinyTimmy_66 Start: 40119, Stop: 39886, Start Num: 48

Candidate Starts for TinyTimmy_66:

(Start: 35 @40161 has 8 MA's), (Start: 48 @40119 has 56 MA's), (Start: 56 @40101 has 1 MA's), (86, 40017), (106, 39957), (109, 39951),

Gene: Tinybot_61 Start: 40494, Stop: 40270, Start Num: 54

Candidate Starts for Tinybot_61:

(Start: 37 @40536 has 21 MA's), (Start: 41 @40524 has 25 MA's), (Start: 54 @40494 has 143 MA's), (58, 40473), (113, 40317), (121, 40278),

Gene: TipsytheTRex_65 Start: 40588, Stop: 40352, Start Num: 50

Candidate Starts for TipsytheTRex_65:

(Start: 38 @40615 has 3 MA's), (Start: 50 @40588 has 173 MA's), (Start: 56 @40570 has 1 MA's), (66, 40537), (95, 40450),

Gene: TiroTheta9_61 Start: 40458, Stop: 40234, Start Num: 54

Candidate Starts for TiroTheta9_61:

(Start: 37 @40500 has 21 MA's), (Start: 41 @40488 has 25 MA's), (Start: 54 @40458 has 143 MA's), (58, 40437), (113, 40281), (121, 40242),

Gene: Toaka_67 Start: 40624, Stop: 40391, Start Num: 50

Candidate Starts for Toaka_67:

(Start: 50 @40624 has 173 MA's), (Start: 56 @40606 has 1 MA's), (86, 40519), (118, 40414),

Gene: Todacoro_64 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for Todacoro_64:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Tomathan_68 Start: 41350, Stop: 41114, Start Num: 50

Candidate Starts for Tomathan_68:

(15, 41503), (Start: 38 @41377 has 3 MA's), (Start: 50 @41350 has 173 MA's), (Start: 56 @41332 has 1 MA's), (66, 41299), (95, 41212),

Gene: ToneTone_64 Start: 39112, Stop: 38879, Start Num: 50

Candidate Starts for ToneTone_64:

(Start: 38 @39142 has 3 MA's), (Start: 50 @39112 has 173 MA's), (Start: 56 @39094 has 1 MA's), (60, 39073), (71, 39046), (95, 38980), (107, 38953), (113, 38926), (121, 38887),

Gene: Topanga_58 Start: 39963, Stop: 39730, Start Num: 48

Candidate Starts for Topanga_58:

(Start: 38 @39990 has 3 MA's), (Start: 48 @39963 has 56 MA's), (Start: 56 @39942 has 1 MA's), (85, 39858),

Gene: Topgun_57 Start: 39202, Stop: 39068, Start Num: 81

Candidate Starts for Topgun_57:

(Start: 81 @39202 has 155 MA's), (115, 39100),

Gene: Toro_65 Start: 44015, Stop: 43773, Start Num: 47

Candidate Starts for Toro_65:

(12, 44180), (17, 44129), (18, 44096), (Start: 47 @44015 has 3 MA's), (Start: 56 @43994 has 1 MA's), (58, 43982), (112, 43832),

Gene: Tote_54 Start: 36380, Stop: 36246, Start Num: 81

Candidate Starts for Tote_54:

(Start: 81 @36380 has 155 MA's), (115, 36278),

Gene: Tourach_100 Start: 62232, Stop: 62414, Start Num: 64

Candidate Starts for Tourach_100:

(32, 62139), (42, 62169), (Start: 64 @62232 has 29 MA's), (68, 62241), (Start: 73 @62259 has 1 MA's), (Start: 75 @62268 has 50 MA's), (89, 62301), (98, 62325), (112, 62355), (113, 62367), (115, 62382),

Gene: Traft412_61 Start: 40928, Stop: 40671, Start Num: 77

Candidate Starts for Traft412_61:

(Start: 77 @40928 has 4 MA's), (99, 40871), (105, 40853),

Gene: Travvers_67 Start: 41300, Stop: 41064, Start Num: 50

Candidate Starts for Travvers_67:

(15, 41453), (Start: 38 @41327 has 3 MA's), (Start: 50 @41300 has 173 MA's), (Start: 56 @41282 has 1 MA's), (66, 41249), (95, 41162),

Gene: Treddle_59 Start: 40533, Stop: 40399, Start Num: 81

Candidate Starts for Treddle_59:

(Start: 81 @40533 has 155 MA's), (115, 40431),

Gene: TriFive_97 Start: 61209, Stop: 61343, Start Num: 79

Candidate Starts for TriFive_97:

(Start: 79 @61209 has 18 MA's), (92, 61245), (94, 61248), (100, 61260), (115, 61311),

Gene: Trike_58 Start: 39190, Stop: 38954, Start Num: 48

Candidate Starts for Trike_58:

(Start: 38 @39220 has 3 MA's), (Start: 48 @39190 has 56 MA's), (Start: 56 @39169 has 1 MA's), (95, 39055),

Gene: Tripl3t_60 Start: 41504, Stop: 41370, Start Num: 81

Candidate Starts for Tripl3t_60:

(Start: 81 @41504 has 155 MA's), (115, 41402),

Gene: Tristan_63 Start: 41778, Stop: 41545, Start Num: 48

Candidate Starts for Tristan_63:

(Start: 34 @41817 has 1 MA's), (Start: 38 @41805 has 3 MA's), (Start: 48 @41778 has 56 MA's),

(Start: 56 @41757 has 1 MA's), (118, 41568), (121, 41553),

Gene: Trixie_64 Start: 41204, Stop: 40974, Start Num: 50

Candidate Starts for Trixie_64:

(29, 41255), (Start: 38 @41234 has 3 MA's), (Start: 50 @41204 has 173 MA's), (Start: 56 @41186 has 1 MA's), (95, 41072), (102, 41057),

Gene: Trooper_66 Start: 41462, Stop: 41232, Start Num: 50

Candidate Starts for Trooper_66:

(43, 41480), (Start: 50 @41462 has 173 MA's), (Start: 56 @41444 has 1 MA's), (59, 41426), (71, 41396), (113, 41279), (118, 41255), (121, 41240),

Gene: Trouble_60 Start: 40856, Stop: 40722, Start Num: 81

Candidate Starts for Trouble_60:

(Start: 81 @40856 has 155 MA's), (115, 40754),

Gene: TroyPia_63 Start: 40462, Stop: 40238, Start Num: 54

Candidate Starts for TroyPia_63:

(Start: 37 @40504 has 21 MA's), (Start: 41 @40492 has 25 MA's), (Start: 54 @40462 has 143 MA's), (58, 40441), (113, 40285), (121, 40246),

Gene: Tubs_68 Start: 40602, Stop: 40453, Start Num: 50

Candidate Starts for Tubs_68:

(Start: 50 @40602 has 173 MA's), (Start: 56 @40584 has 1 MA's), (71, 40536),

Gene: Tucker_67 Start: 39281, Stop: 39048, Start Num: 50

Candidate Starts for Tucker_67:

(Start: 38 @39311 has 3 MA's), (Start: 50 @39281 has 173 MA's), (Start: 56 @39263 has 1 MA's), (60, 39242), (71, 39215), (95, 39149), (113, 39095), (121, 39056),

Gene: Turbido_67 Start: 41605, Stop: 41375, Start Num: 50

Candidate Starts for Turbido_67:

(6, 41854), (30, 41659), (32, 41653), (Start: 50 @41605 has 173 MA's), (Start: 56 @41587 has 1 MA's), (102, 41458), (113, 41419),

Gene: Turj99_56 Start: 40896, Stop: 40753, Start Num: 75

Candidate Starts for Turj99_56:

(Start: 75 @40896 has 50 MA's), (115, 40785),

Gene: Twister_60 Start: 40044, Stop: 39811, Start Num: 48

Candidate Starts for Twister_60:

(22, 40128), (Start: 38 @40071 has 3 MA's), (Start: 48 @40044 has 56 MA's), (Start: 56 @40023 has 1 MA's), (85, 39939),

Gene: TwoPeat_60 Start: 39599, Stop: 39465, Start Num: 81

Candidate Starts for TwoPeat_60:

(Start: 81 @39599 has 155 MA's), (115, 39497),

Gene: TygerBlood_62 Start: 40464, Stop: 40240, Start Num: 54

Candidate Starts for TygerBlood_62:

(Start: 37 @40506 has 21 MA's), (Start: 41 @40494 has 25 MA's), (Start: 54 @40464 has 143 MA's), (58, 40443), (113, 40287), (121, 40248),

Gene: U2_57 Start: 40613, Stop: 40470, Start Num: 75

Candidate Starts for U2_57:

(Start: 75 @40613 has 50 MA's), (115, 40502),

Gene: Ugenie5_64 Start: 41042, Stop: 40812, Start Num: 50

Candidate Starts for Ugenie5_64:

(Start: 50 @41042 has 173 MA's), (Start: 56 @41024 has 1 MA's), (114, 40847), (118, 40832),

Gene: Ulysses_61 Start: 40144, Stop: 39920, Start Num: 54

Candidate Starts for Ulysses_61:

(Start: 37 @40186 has 21 MA's), (Start: 41 @40174 has 25 MA's), (Start: 54 @40144 has 143 MA's), (58, 40123), (113, 39967), (121, 39928),

Gene: Underpass_91 Start: 56229, Stop: 56411, Start Num: 64

Candidate Starts for Underpass_91:

(Start: 64 @56229 has 29 MA's), (Start: 75 @56265 has 50 MA's), (Start: 79 @56271 has 18 MA's), (89, 56298), (90, 56304), (98, 56322), (112, 56352), (113, 56364),

Gene: Updawg_66 Start: 40980, Stop: 40750, Start Num: 50

Candidate Starts for Updawg_66:

(Start: 50 @40980 has 173 MA's), (Start: 56 @40962 has 1 MA's), (59, 40944), (71, 40914), (113, 40797), (118, 40773),

Gene: VA6_66 Start: 41310, Stop: 41080, Start Num: 50

Candidate Starts for VA6_66:

(Start: 50 @41310 has 173 MA's), (Start: 56 @41292 has 1 MA's), (102, 41163), (113, 41124),

Gene: VC3_69 Start: 41277, Stop: 41041, Start Num: 50

Candidate Starts for VC3_69:

(Start: 38 @41304 has 3 MA's), (Start: 50 @41277 has 173 MA's), (Start: 56 @41259 has 1 MA's), (66, 41226), (95, 41139),

Gene: Vanisoa_66 Start: 41485, Stop: 41339, Start Num: 50

Candidate Starts for Vanisoa_66:

(Start: 50 @41485 has 173 MA's), (Start: 56 @41467 has 1 MA's), (70, 41425), (93, 41359),

Gene: Veracruz_62 Start: 40846, Stop: 40643, Start Num: 54

Candidate Starts for Veracruz_62:

(Start: 41 @40876 has 25 MA's), (Start: 54 @40846 has 143 MA's), (100, 40717), (121, 40651),

Gene: Vetrix_97 Start: 61015, Stop: 61197, Start Num: 64

Candidate Starts for Vetrix_97:

(Start: 64 @61015 has 29 MA's), (Start: 75 @61051 has 50 MA's), (Start: 79 @61057 has 18 MA's), (89, 61084), (90, 61090), (98, 61108), (112, 61138), (113, 61150),

Gene: Violet_56 Start: 40459, Stop: 40325, Start Num: 81

Candidate Starts for Violet_56:

(Start: 81 @40459 has 155 MA's), (115, 40357),

Gene: Vix_66 Start: 41253, Stop: 41023, Start Num: 52

Candidate Starts for Vix_66:

(Start: 41 @41280 has 25 MA's), (Start: 52 @41253 has 51 MA's), (96, 41124), (113, 41070),

Gene: VohminGhazi_66 Start: 39069, Stop: 38836, Start Num: 50

Candidate Starts for VohminGhazi_66:

(Start: 50 @39069 has 173 MA's), (Start: 56 @39051 has 1 MA's), (60, 39030), (71, 39003), (Start: 75 @38988 has 50 MA's), (95, 38937), (102, 38922),

Gene: WalterMcMickey_60 Start: 40044, Stop: 39811, Start Num: 48

Candidate Starts for WalterMcMickey_60:

(22, 40128), (Start: 38 @40071 has 3 MA's), (Start: 48 @40044 has 56 MA's), (Start: 56 @40023 has 1 MA's), (85, 39939),

Gene: Wander_62 Start: 40503, Stop: 40237, Start Num: 37

Candidate Starts for Wander_62:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Watermelon_59 Start: 39819, Stop: 39685, Start Num: 81

Candidate Starts for Watermelon_59:

(Start: 81 @39819 has 155 MA's), (115, 39717),

Gene: Watson_67 Start: 41162, Stop: 40932, Start Num: 52

Candidate Starts for Watson_67:

(Start: 41 @41189 has 25 MA's), (Start: 52 @41162 has 51 MA's), (96, 41033), (113, 40979),

Gene: WeiHuaDA_67 Start: 42183, Stop: 41950, Start Num: 50

Candidate Starts for WeiHuaDA_67:

(Start: 38 @42213 has 3 MA's), (Start: 50 @42183 has 173 MA's), (Start: 56 @42165 has 1 MA's), (86, 42078), (95, 42051), (102, 42036), (118, 41973), (121, 41958),

Gene: Whabigail7_67 Start: 41605, Stop: 41375, Start Num: 50

Candidate Starts for Whabigail7_67:

(6, 41854), (30, 41659), (32, 41653), (Start: 50 @41605 has 173 MA's), (Start: 56 @41587 has 1 MA's), (102, 41458), (113, 41419),

Gene: Wheeler_58 Start: 39624, Stop: 39490, Start Num: 81

Candidate Starts for Wheeler_58:

(Start: 81 @39624 has 155 MA's), (115, 39522),

Gene: Whirlwind_98 Start: 61608, Stop: 61742, Start Num: 79

Candidate Starts for Whirlwind_98:

(Start: 73 @61593 has 1 MA's), (Start: 79 @61608 has 18 MA's), (92, 61644), (94, 61647), (100, 61659), (115, 61710), (117, 61716),

Gene: Whitspit_55 Start: 37367, Stop: 37233, Start Num: 81

Candidate Starts for Whitspit_55:

(Start: 81 @37367 has 155 MA's), (115, 37265),

Gene: WideWale_66 Start: 40980, Stop: 40750, Start Num: 50

Candidate Starts for WideWale_66:

(Start: 50 @40980 has 173 MA's), (Start: 56 @40962 has 1 MA's), (59, 40944), (71, 40914), (113, 40797), (118, 40773),

Gene: Wigglewiggle_99 Start: 61323, Stop: 61505, Start Num: 64

Candidate Starts for Wigglewiggle_99:

(Start: 64 @61323 has 29 MA's), (Start: 75 @61359 has 50 MA's), (Start: 79 @61365 has 18 MA's), (89, 61392), (90, 61398), (98, 61416), (112, 61446), (113, 61458),

Gene: Wiks_66 Start: 39183, Stop: 38950, Start Num: 50

Candidate Starts for Wiks_66:

(Start: 38 @39213 has 3 MA's), (Start: 50 @39183 has 173 MA's), (Start: 56 @39165 has 1 MA's), (60, 39144), (71, 39117), (95, 39051), (107, 39024), (113, 38997), (121, 38958),

Gene: Wilbur_62 Start: 40461, Stop: 40237, Start Num: 54

Candidate Starts for Wilbur_62:

(Start: 37 @40503 has 21 MA's), (Start: 41 @40491 has 25 MA's), (Start: 54 @40461 has 143 MA's), (58, 40440), (113, 40284), (121, 40245),

Gene: Wilder_100 Start: 61159, Stop: 61341, Start Num: 64

Candidate Starts for Wilder_100:

(Start: 64 @61159 has 29 MA's), (Start: 75 @61195 has 50 MA's), (89, 61228), (90, 61234), (98, 61252), (112, 61282), (113, 61294), (115, 61309),

Gene: Wile_60 Start: 40335, Stop: 40111, Start Num: 54

Candidate Starts for Wile_60:

(Start: 37 @40377 has 21 MA's), (Start: 54 @40335 has 143 MA's), (112, 40170), (113, 40158),

Gene: Wilkins_57 Start: 39132, Stop: 38998, Start Num: 81

Candidate Starts for Wilkins_57:

(Start: 81 @39132 has 155 MA's), (115, 39030),

Gene: Winky_99 Start: 61842, Stop: 62027, Start Num: 62

Candidate Starts for Winky_99:

(Start: 62 @61842 has 5 MA's), (Start: 64 @61845 has 29 MA's), (72, 61869), (Start: 75 @61881 has 50 MA's), (Start: 79 @61887 has 18 MA's), (98, 61938), (112, 61968), (113, 61980), (115, 61995),

Gene: Wizard007_61 Start: 40469, Stop: 40245, Start Num: 54

Candidate Starts for Wizard007_61:

(Start: 37 @40511 has 21 MA's), (Start: 41 @40499 has 25 MA's), (Start: 54 @40469 has 143 MA's), (58, 40448), (113, 40292), (121, 40253),

Gene: Wolpertinger_64 Start: 40174, Stop: 39941, Start Num: 48

Candidate Starts for Wolpertinger_64:

(Start: 48 @40174 has 56 MA's), (Start: 56 @40156 has 1 MA's), (86, 40072), (106, 40012), (109, 40006),

Gene: Wooldri_70 Start: 41109, Stop: 40852, Start Num: 41

Candidate Starts for Wooldri_70:

(Start: 41 @41109 has 25 MA's), (Start: 52 @41082 has 51 MA's), (96, 40953), (113, 40899),

Gene: WorldCup_64 Start: 40146, Stop: 39913, Start Num: 50

Candidate Starts for WorldCup_64:

(Start: 50 @40146 has 173 MA's), (Start: 56 @40128 has 1 MA's), (71, 40080), (107, 39987), (118, 39936),

Gene: WunderPhul_67 Start: 39181, Stop: 38948, Start Num: 50

Candidate Starts for WunderPhul_67:

(Start: 38 @39211 has 3 MA's), (Start: 50 @39181 has 173 MA's), (Start: 56 @39163 has 1 MA's), (60, 39142), (71, 39115), (95, 39049), (107, 39022), (113, 38995), (121, 38956),

Gene: Xena_59 Start: 40301, Stop: 40077, Start Num: 54

Candidate Starts for Xena_59:

(Start: 37 @40343 has 21 MA's), (Start: 41 @40331 has 25 MA's), (Start: 54 @40301 has 143 MA's), (112, 40136), (113, 40124),

Gene: XianYue_63 Start: 40566, Stop: 40336, Start Num: 50

Candidate Starts for XianYue_63:

(Start: 50 @40566 has 173 MA's), (Start: 56 @40548 has 1 MA's), (95, 40437), (102, 40422), (113, 40383),

Gene: Yecey3_69 Start: 40709, Stop: 40557, Start Num: 48

Candidate Starts for Yecey3_69:

(Start: 48 @40709 has 56 MA's), (Start: 56 @40688 has 1 MA's), (118, 40580), (121, 40565),

Gene: YoSam321_62 Start: 40458, Stop: 40234, Start Num: 54

Candidate Starts for YoSam321_62:

(Start: 37 @40500 has 21 MA's), (Start: 41 @40488 has 25 MA's), (Start: 54 @40458 has 143 MA's), (58, 40437), (113, 40281), (121, 40242),

Gene: Yokurt_66 Start: 39183, Stop: 38950, Start Num: 50

Candidate Starts for Yokurt_66:

(Start: 38 @39213 has 3 MA's), (Start: 50 @39183 has 173 MA's), (Start: 56 @39165 has 1 MA's), (60, 39144), (71, 39117), (95, 39051), (107, 39024), (113, 38997), (121, 38958),

Gene: Zaka_67 Start: 39183, Stop: 38950, Start Num: 50

Candidate Starts for Zaka_67:

(Start: 38 @39213 has 3 MA's), (Start: 50 @39183 has 173 MA's), (Start: 56 @39165 has 1 MA's), (60, 39144), (71, 39117), (95, 39051), (107, 39024), (113, 38997), (121, 38958),

Gene: Zakai_100 Start: 61802, Stop: 61984, Start Num: 64

Candidate Starts for Zakai_100:

(Start: 64 @61802 has 29 MA's), (Start: 75 @61838 has 50 MA's), (Start: 79 @61844 has 18 MA's), (89, 61871), (90, 61877), (98, 61895), (112, 61925), (113, 61937),

Gene: Zarafa_63 Start: 40812, Stop: 40582, Start Num: 54

Candidate Starts for Zarafa_63:

(Start: 37 @40854 has 21 MA's), (Start: 41 @40842 has 25 MA's), (Start: 54 @40812 has 143 MA's), (68, 40767),

Gene: Zeeculate_56 Start: 40569, Stop: 40435, Start Num: 81

Candidate Starts for Zeeculate_56:

(Start: 81 @40569 has 155 MA's), (115, 40467),

Gene: Zephyr_59 Start: 39575, Stop: 39441, Start Num: 81

Candidate Starts for Zephyr_59:
(Start: 81 @39575 has 155 MA's), (115, 39473),

Gene: Zetzy_67 Start: 40733, Stop: 40503, Start Num: 52
Candidate Starts for Zetzy_67:
(Start: 41 @40760 has 25 MA's), (Start: 52 @40733 has 51 MA's), (96, 40604), (113, 40550),

Gene: Zeuska_57 Start: 40195, Stop: 40061, Start Num: 81
Candidate Starts for Zeuska_57:
(Start: 81 @40195 has 155 MA's), (115, 40093),

Gene: ZhongYanYuan_96 Start: 61296, Stop: 61478, Start Num: 64
Candidate Starts for ZhongYanYuan_96:
(49, 61251), (61, 61293), (Start: 64 @61296 has 29 MA's), (Start: 73 @61323 has 1 MA's), (Start: 75 @61332 has 50 MA's), (89, 61365), (98, 61389), (112, 61419), (113, 61431), (115, 61446),

Gene: Zimmer_63 Start: 41380, Stop: 41147, Start Num: 50
Candidate Starts for Zimmer_63:
(Start: 50 @41380 has 173 MA's), (Start: 56 @41362 has 1 MA's), (Start: 75 @41299 has 50 MA's),

Gene: Zulu_68 Start: 39561, Stop: 39328, Start Num: 50
Candidate Starts for Zulu_68:
(Start: 38 @39591 has 3 MA's), (Start: 50 @39561 has 173 MA's), (Start: 56 @39543 has 1 MA's), (60, 39522), (71, 39495), (95, 39429), (107, 39402), (113, 39375), (121, 39336),