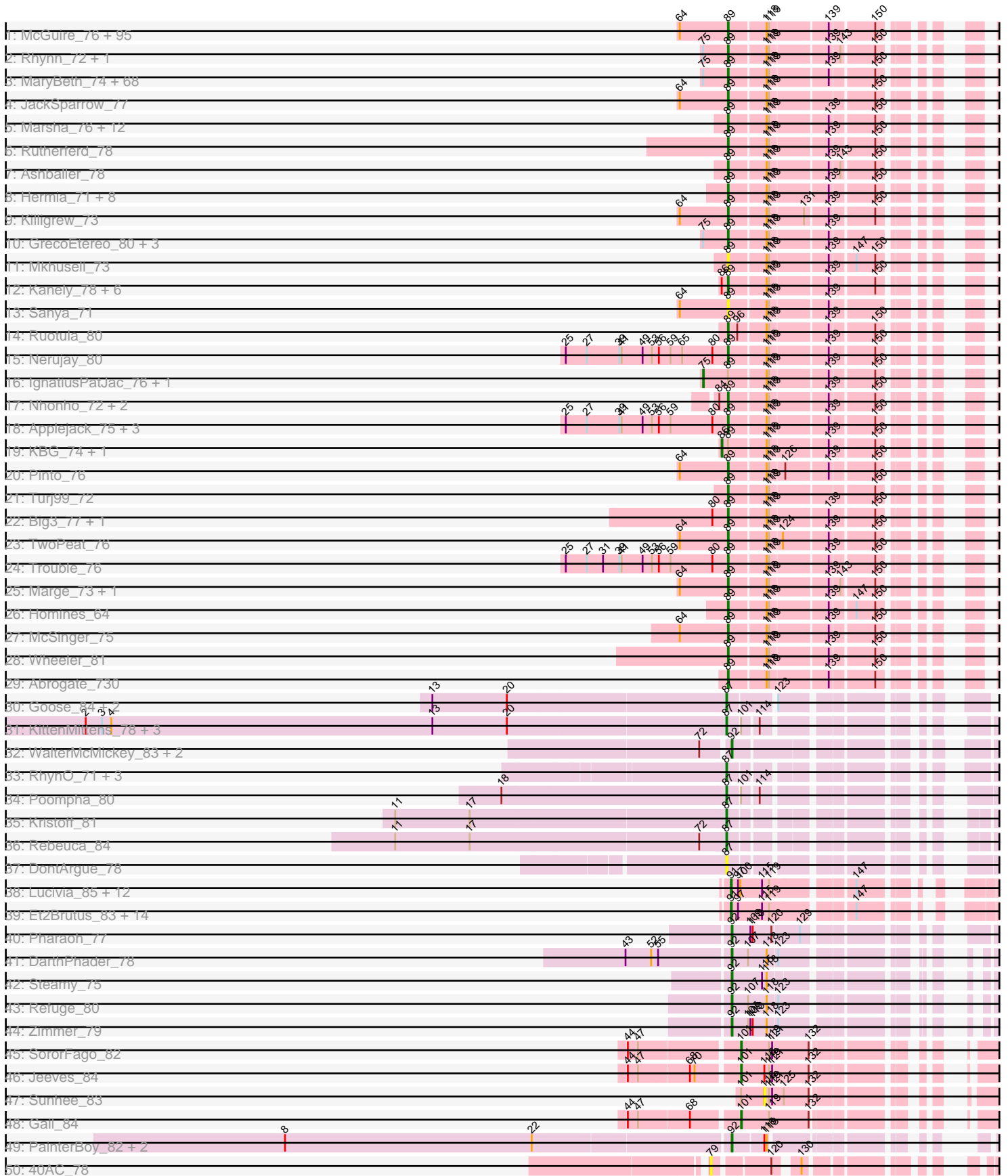
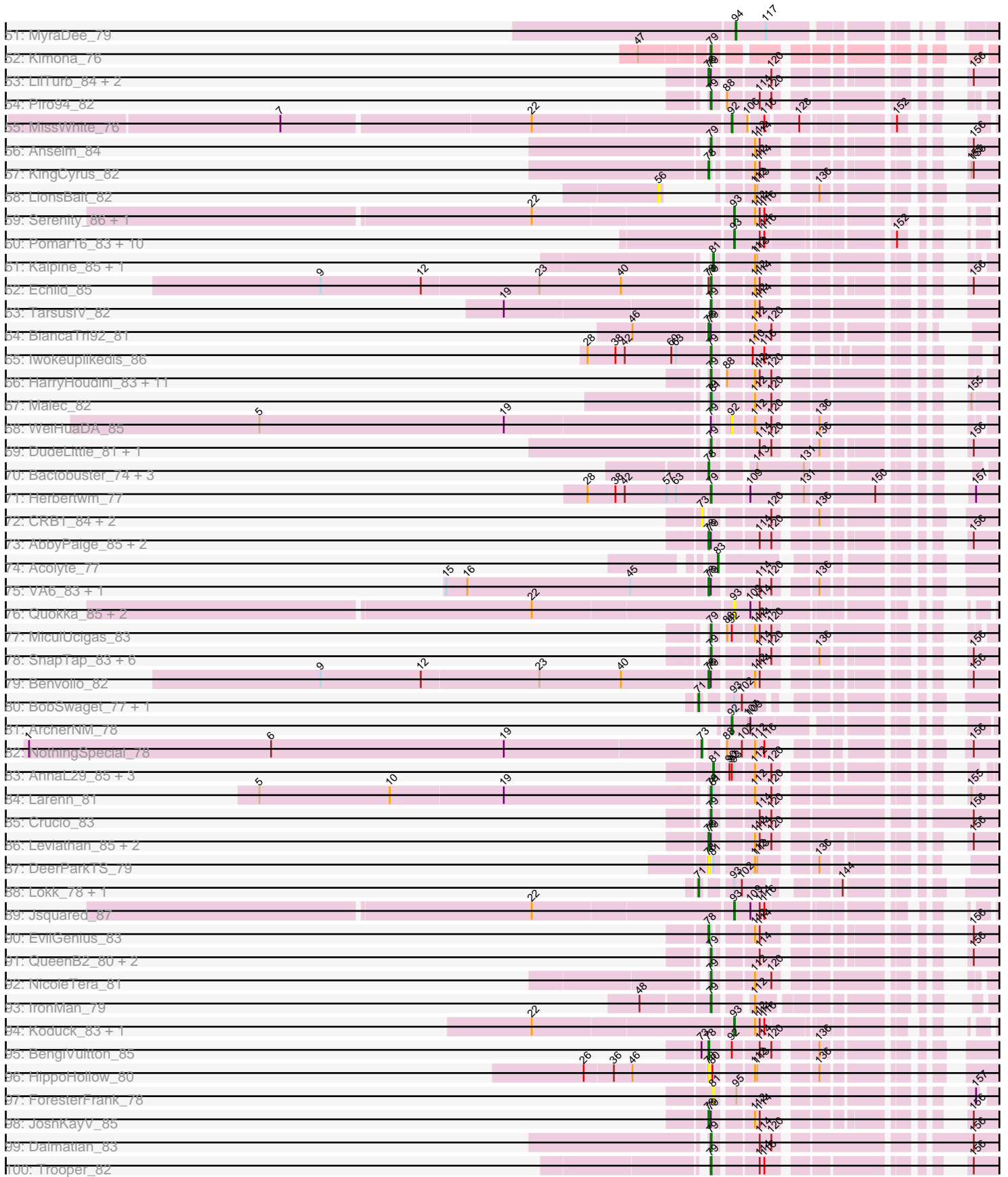


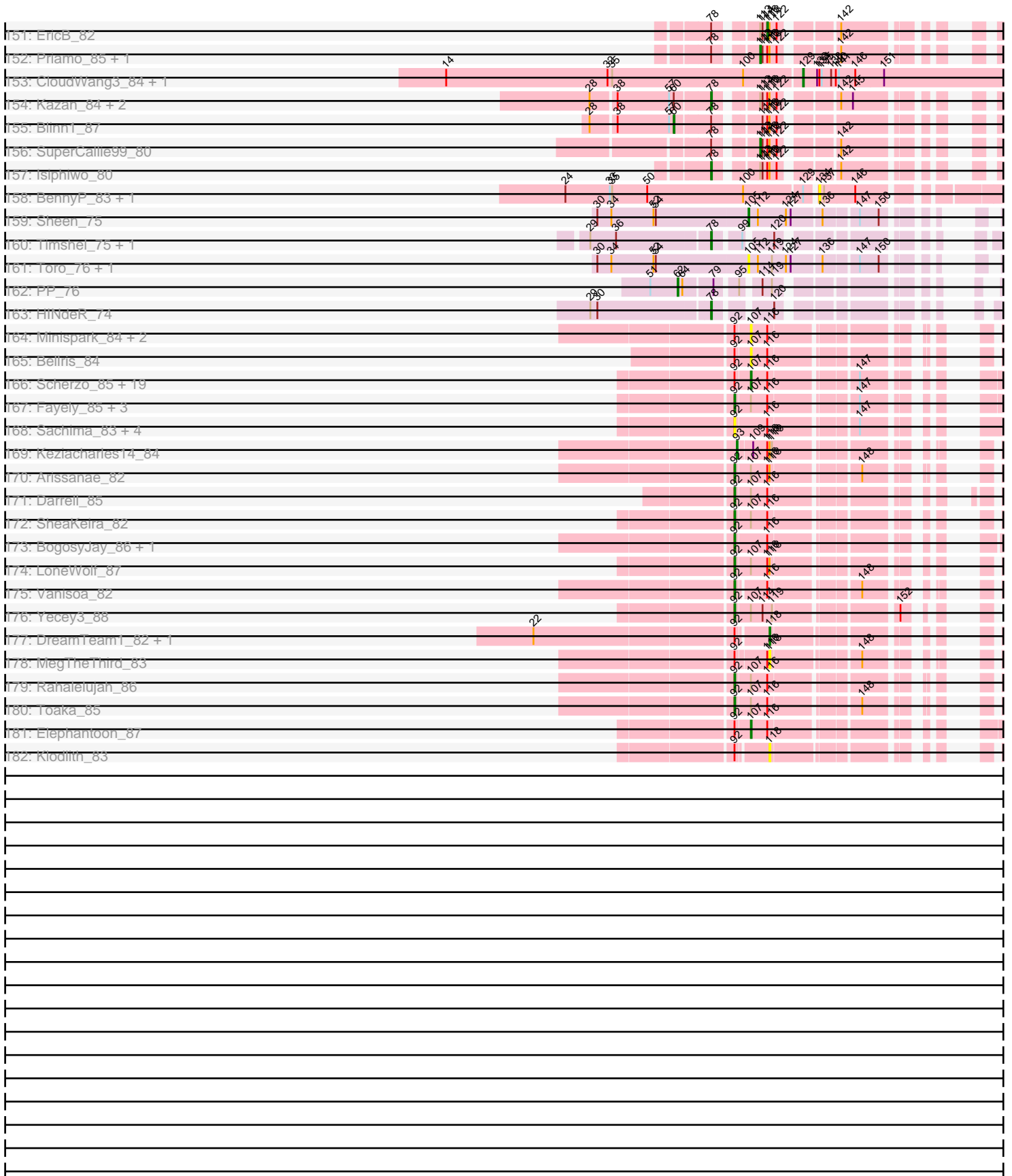
Pham 294296



Pham 294296



Pham 294296



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 294296 Report

This analysis was run 04/18/26 on database version 643.

Pham number 294296 has 764 members, 92 are drafts.

Phages represented in each track:

- Track 1 : McGuire_76, Alsfro_83, Adahisdi_72, Rufus_79, PinkPlastic_72, Marco3_79, Dreamboat_76, Iqorha_68, Whitspit_69, Arcanine_80, Snazzy_77, Ichabod_79, StrongArm_72, Crispicous1_71, GageAP_79, Bexan_71, Bob3_77, Teodoridan_74, Fushigi_70, DD5_74, Rubeus_77, Traft412_76, Ciao_73, Gyzlar_69, Monet_80, Maroc7_78, Slagathor_77, Peterson_75, Anglerfish_78, Ajay_73, BillKnuckles_70, Marcell_69, Fascinus_72, BigMau_79, Hami1_69, Bigfoot_71, SarFire_80, Briton15_79, Paraselene_74, Jerm2_78, Jasper_75, Inyanga_68, Petp2012_77, Rohr_79, TheloniousMonk_78, Seabiscuit_77, BeesKnees_77, Bigchung_77, Oogway_75, Phlippers_74, Fenn_79, Treddle_78, GMonster_74, Francis47_78, Agaliana_74, Marchy_68, Papez_78, Bones_72, CactusRose_79, Norz_72, Pippin_77, PherrisBueller_75, DreamCatcher_80, Gompeii16_77, PowerRanger_72, ILeeKay_74, Bruns_79, ShortQueendom_69, PacerPaul_81, Wilkins_73, Topgun_72, Alvin_74, Lamina13_80, Seanderson_76, Zephyr_78, Solon_72, Dynamix_76, Beatrix_73, Bircsak_77, Thor_80, Rajelicia_78, HermioneGrange_80, Pepe_70, Blue_73, HanShotFirst_74, Kugel_78, Edtherson_75, Squee_77, Violet_71, SkiPole_85, Chanagan_73, Switzer_75, Naira_78, Scowl_77, Sagefire_73, Carlyle_77
- Track 2 : Rhynn_72, CartmannCramer_72
- Track 3 : MaryBeth_74, BPBiabs31_81, NEHalo_72, Arlo_76, Magnar_72, Mryolo_71, Moose_78, Pelly_79, Perseus_76, AFIS_73, Museum_76, PhrostyMug_78, Bethlehem_79, EnzoK_77, Forsytheast_78, Paphu_71, BluSpix_74, Lockley_73, Zeeculate_72, KyMonks1A_82, BarrowTuph_79, Ohno789_79, Sibs6_76, Lesedi_73, HarryOW_77, Swole_77, STLscum_82, Fajezeel_79, MPlant7149_76, Eyeball_75, SpikeBT_73, Lopton_75, Molly_76, Greg_79, JuliaChild_77, Aeneas_81, PhineBark_72, Espresso_70, Tote_72, Dulcie_77, Acme_80, Sumter_73, PSullivan_74, Abbyshoes_76, Dussy_75, Levia_70, Parliament_77, Gandalf20_75, Sorpresa_75, Pita2_77, MetalQZJ_73, Makemake_79, Pari_81, PattyP_76, Kenmech_78, Niza_76, U2_70, Burton_77, Puppet_71, DrFeelGood_72, Mule_75, PascalRango_74, SwissCheese_80, Corvo_78, Tasp14_75, Smairt_80, Gwendoluna_80, Watermelon_79, Sandaddy_74
- Track 4 : JackSparrow_77
- Track 5 : Marsha_76, Raid_73, Sunshine924_77, Petruchio_76, Tripl3t_79, Blackflame_72, BK1_70, Bxb1_70, KSSJEB_73, Magnito_75, A6_70, LilBib_73, Graduation_79
- Track 6 : Rutherferd_78
- Track 7 : Ashballer_78

- Track 8 : Hermia_71, Aldrich_68, GroundGoblin_69, KikiBouba_70, QTRLifeCrisis_75, Buttons_73, DirtDevil_70, Noxious_69, CatBus_68
- Track 9 : Killigrew_73
- Track 10 : GrecoEtereo_80, Manatee_74, Euphoria_77, BaconJack_78
- Track 11 : Mkhuseleli_73
- Track 12 : Kanely_78, ChristmasHams_67, Doom_69, Licorice_77, Altman_79, Atkinbua_82, ConceptII_81
- Track 13 : Sanya_71
- Track 14 : Ruotula_80
- Track 15 : Nerujay_80
- Track 16 : IgnatiusPatJac_76, StewieG_72
- Track 17 : Nhonho_72, Blessers_70, Ringer_76
- Track 18 : Applejack_75, Barriga_83, Dexes_77, Hope4ever_77
- Track 19 : KBG_74, BigPaolini_74
- Track 20 : Pinto_76
- Track 21 : Turj99_72
- Track 22 : Big3_77, MrGordo_77
- Track 23 : TwoPeat_76
- Track 24 : Trouble_76
- Track 25 : Marge_73, Target_76
- Track 26 : Homines_64
- Track 27 : McSinger_75
- Track 28 : Wheeler_81
- Track 29 : Abrogate_730
- Track 30 : Goose_84, Chupacabra_80, OKCentral2016_82
- Track 31 : KittenMittens_78, Severus_81, PeaceMeal1_80, Drake94_80
- Track 32 : WalterMcMickey_83, Topanga_73, Twister_84
- Track 33 : RhynO_71, DustyMartin_86, Shapes_86, Rowdy_86
- Track 34 : Poompha_80
- Track 35 : Kristoff_81
- Track 36 : Rebeuca_84
- Track 37 : DontArgue_78
- Track 38 : Lucivia_85, Timothy_84, Aneem_85, Joselito_83, Petersenfast_78, Bowtie_81, Bud_79, Munch_84, MaCh_84, Orange_84, TinyTimmy_82, Mabel_84, Flaverint_85
- Track 39 : Et2Brutus_83, Gilberta_81, Sham4_80, Kimba_81, Fibonacci_83, Jabith_83, Bachome_82, Insomnia_83, Hutc2_80, Saskia_81, Wolpertinger_83, Mulciber_82, Salz_79, Ebony_84, Snape_84
- Track 40 : Pharaoh_77
- Track 41 : DARTHPhader_78
- Track 42 : Steamy_75
- Track 43 : Refuge_80
- Track 44 : Zimmer_79
- Track 45 : SororFago_82
- Track 46 : Jeeves_84
- Track 47 : Sunhee_83
- Track 48 : Gail_84
- Track 49 : PainterBoy_82, Lucyedi_82, EagleEye_83
- Track 50 : 40AC_78
- Track 51 : MyraDee_79
- Track 52 : Kimona_76
- Track 53 : LilTurb_84, Jerm_85, Agape74_85
- Track 54 : Piro94_82

- Track 55 : MissWhite_76
- Track 56 : Anselm_84
- Track 57 : KingCyrus_82
- Track 58 : LionsBait_82
- Track 59 : Serenity_86, TipsytheTRex_82
- Track 60 : Pomar16_83, AN9_82, VC3_81, AN18_82, StarStuff_83, Tomathan_83, Duplo_84, Kerberos_83, DBQu4n_83, Travvers_83, C3_75
- Track 61 : Kalpine_85, Trixie_83
- Track 62 : Echild_85
- Track 63 : TarsusIV_82
- Track 64 : BiancaTri92_81
- Track 65 : Iwokeuplikedis_86
- Track 66 : HarryHoudini_83, Updawg_84, Sknot_83, Drake55_84, WideWale_84, Baehexic_82, Terrific_84, Centaur_83, Gratitude_81, Flare16_83, Equemioh13_83, NaSiaTalie_84
- Track 67 : Malec_82
- Track 68 : WeiHuaDA_85
- Track 69 : DudeLittle_81, Retro23_83
- Track 70 : Bactobuster_74, Landor_80, Phaded_76, Jaan_80
- Track 71 : Herbertwm_77
- Track 72 : CRB1_84, First_0084, 20ES_85
- Track 73 : AbbyPaige_85, Dignity_85, Whabigail7_83
- Track 74 : Acolyte_77
- Track 75 : VA6_83, AN3_83
- Track 76 : Quokka_85, MajorMajor_80, Bradman_86
- Track 77 : MiculUcigas_83
- Track 78 : SnapTap_83, FiringLine_83, QueenBeesly_83, Georgie2_85, SweetiePie_83, SemperFi_83, Power_83
- Track 79 : Benvolio_82
- Track 80 : BobSwaget_77, Miko_78
- Track 81 : ArcherNM_78
- Track 82 : NothingSpecial_78
- Track 83 : AnnaL29_85, Changeling_82, Loser_86, RedRock_83
- Track 84 : Larenn_81
- Track 85 : Crucio_83
- Track 86 : Leviathan_85, Turbido_84, Smeagan_86
- Track 87 : DeerParkTS_79
- Track 88 : Lokk_78, Rachaly_80
- Track 89 : Jsquared_87
- Track 90 : EvilGenius_83
- Track 91 : QueenB2_80, Heffalump_80, Fameo_81
- Track 92 : NicoleTera_81
- Track 93 : IronMan_79
- Track 94 : Koduck_83, L5_76
- Track 95 : BengiVuitton_85
- Track 96 : HippoHollow_80
- Track 97 : ForesterFrank_78
- Track 98 : JoshKayV_85
- Track 99 : Dalmatian_83
- Track 100 : Trooper_82
- Track 101 : XianYue_82
- Track 102 : Tristan_78
- Track 103 : Deloris_85

- Track 104 : EZMoney23_79
- Track 105 : LadyBird_87
- Track 106 : Colin_82
- Track 107 : Pukovnik_77
- Track 108 : ChipMunk_84
- Track 109 : Prudy_78
- Track 110 : Chargerpower_83
- Track 111 : JHC117_75, LugYA_83, LBerry_81, Kalnoky_80, Gemma_77, Daishi_79, SoilDragon_80, Gwennie_75, Penny1_80, Grif_78, EpicPhail_81, Dieselweasel_81, Taurus_81, MarQuardt_80, Colbster_76, Aglet_81, GingkoMaracino_80, Grum1_80, PurpleHaze_79, Pawn_78, Groupthink_80, Soshari_82, GtownJaz_80, ClownCar_77, Marius_80, Montavir_75, Bigflo_77, Tiffany_79, MadMarie_78, Wooldri_82, Rummer_79, Jobu08_76, JenCasNa_81, Manu_79, Louie6_79, Snickers_80, Cullens_81, Hercules11_80, Sabinator_78, Fernando_81, Bxz2_75, LarryKay_80, TinyPebbles_79, PotatoSplit_81, Phoxy_80, Beauxregard13_79, Anubis_84, P28Green_80, BuzzBuzz_74, Heliosoles_77, SoYo_77, HaveUMetTed_80, Ollie_80, Methuselah_73, MoneyMay_80, HashRod_81, PhishRPhriends_76, Marie_78, OlanP_78, Spike509_80, Vix_76, Croquant_77, Reba_75, KADY_77, Farber_80, Calvinny_77, Phoebe_81
- Track 112 : Pistachio_79, Giroux_82, Clammy_79, TNguyen7_80, SaturnRing_79, BlueBird_81, Bugatti_79, Idleandcovert_79, Phantastic_80, Puppy_80
- Track 113 : EtoileNova_77, Texage_77, Noella_80
- Track 114 : JF4_75, JF2_75, B1_69
- Track 115 : Heathen_78, Zarafa_76, DropBear_77, MA5_77, Fred313_76, Marchesa_78, Kachowdy_76, HelDan_79, Roimos_77, Scout_78
- Track 116 : Todacoro_79, Pocahontas_78, Panamaxus_76, ResDef_77, Popcicle_79, Hookmount_79
- Track 117 : Margo_79, Norbert_75
- Track 118 : JeppNRM_80
- Track 119 : QuinnKiro_78, Veracruz_76, Lambert1_79
- Track 120 : Isca_75, MK4_72
- Track 121 : Sabertooth_75, OKaNui_74, Phacado_75, Morrow_77, JoongJeon_74, Mazhar510_75, Burger_73, PeterPeter_75, Iracema64_75, Houdini22_74, Millski_74, Avle17_75, Holli_74, Bartimeaus_75, Ruin_75, Pumbaa_75, YoSam321_75, Albee_75, Bruiser_74, Relief_74, Wander_75, Maxo_77, Nemo27_74, RockieBear_72, Bombshell_75, Eris_74, Flux_76, TiroTheta9_74, Kingmustik0402_75, Jaykayelowell_72, KekoraPapaka_72, Sparxx_76, Romney_74, Eurydice_76, Broseidon_75, Abdiel_74, Cocoaberry_75, SheldonCooper_75, Alberto7_76, ICleared_74, Kyee_75, CentreCat_75, Scamp_75, Baby16_75, Tinybot_74, LappelDuVide_75, LittleB_75, Ulysses_74, Chaph_75, Phelipe_76, Kratak_74, DirtyDunning_74, Caelakin_73, Skipitt_74, Kampy_74, Iceman_73, BubbleTrouble_74, Mayonnaise_72, Spino_74, Roosevelt_73, Nyxis_74, JetBlade_76, TroyPia_76, Florean_75, SeniorClean_76, Taquarus_74, Dhanush_75, Pipcraft_71, Thanksgivukkah_74, Commander_73, Citius_75, Rosa24_71, LochMonster_76, BellusTerra_76, Sultana_75, Eros_75, Lemur_75, MeeZee_74, Maverick_74, Koan_72, Melvin_77, Blackmoor_74, TinaFeyge_73, Peaches_73, Shaka_73, Deano_72, NorthStar_72, Ohfah_76, KFPoly_74, Palestino_74, Connomayer_75, HamSlice_71, BangNhom_72, Phighter1804_75, Wilbur_75, Arturo_72, TygerBlood_75, LittleGuy_75, Koreni_74, SteMason_71, Gadost_75, Clarenza_74, Lunsford_75, NotAPhaseMom_74, Phontbonne_75, Nebs_76, Medusa_74, Annyong_74, Funston_74, Cerulean_77
- Track 122 : Noelle_75

- Track 123 : Happiness_74, ChampagnePapi_78, Shygu2_74, Obama12_76, LHTSCC_77
- Track 124 : Cintron_76
- Track 125 : Achebe_73, Katalie136_74, Wizard007_74, Cici_74
- Track 126 : AvatarAhPeg_74
- Track 127 : Stasia_73
- Track 128 : Morpher26_74, Bumblebee11_73
- Track 129 : Wile_73, Badger_73
- Track 130 : Stink_74
- Track 131 : Cindaradix_70
- Track 132 : Camperdownii_73, Kremtemulon_74
- Track 133 : Mundrea_74
- Track 134 : Druantia_74, Eagle_74, Lorenzo_75, Polymorphads_76
- Track 135 : Miramae_74
- Track 136 : Eapen_75
- Track 137 : LeoAvram_74
- Track 138 : Airmid_73
- Track 139 : Naca_73, ElTiger69_76, PetterN_78, Chadwick_74, Benedict_74
- Track 140 : Ghoulboy_70, SydNat_70
- Track 141 : Twigg_67, Prinashe11_68
- Track 142 : Zolita_69
- Track 143 : Milcery_70
- Track 144 : McFly_83, DaVinci_81, Neeharika16_82, Hoot_78, Cookiedough_83, SuperAwesome_83, GreedyLawyer_77, Dorothea_83, Kipper29_83, Pmask_82, BABullseye_76, Newrala_82, Chartreuse_82
- Track 145 : WunderPhul_84
- Track 146 : Yokurt_83, ToneTone_81, Wiks_83, Artemis2UCLA_83, Temprado_85, Helmet_86, Zulu_85, Tucker_84, Lilbunny_83, Blue7_85, Roksolana_84, Zaka_84, BlessJoy_84, Indra_87, Koko_85
- Track 147 : Rifter_84, Hammer_84
- Track 148 : Jordennis_81
- Track 149 : Candra_81
- Track 150 : Gruunaga_83, Gladiator_80
- Track 151 : EricB_82
- Track 152 : Priamo_85, DelvinSonDorr_79
- Track 153 : CloudWang3_84, Hexamo_83
- Track 154 : Kazan_84, VohminGhazi_83, SmellyB_83
- Track 155 : Blinn1_87
- Track 156 : SuperCallie99_80
- Track 157 : Isiphiwo_80
- Track 158 : BennyP_83, Garak_85
- Track 159 : Sheen_75
- Track 160 : Timshel_75, DroogsArmy_74
- Track 161 : Toro_76, FlyCatcher_78
- Track 162 : PP_76
- Track 163 : HINdeR_74
- Track 164 : Minispark_84, WorldCup_85, CogOmlette_84
- Track 165 : Bellris_84
- Track 166 : Scherzo_85, Qobbit_85, Pioneer_87, Holec_86, Phaeder_87, Aliter_80, Ugenie5_74, Lilleskat_84, Beemo_87, ExplosioNervosa_85, Phonnegut_87, Eidsmoe_85, HortumSL17_88, Ayanochan_85, Onglai_85, Conquerage_85, Alma_85, Catalina_89, Priya_85, Myxus_87
- Track 167 : Fayely_85, Spouty_85, Tubs_87, EmyBug_84

- Track 168 : Sachima_83, RyeScarlet_88, Hanray_85, EdogawaKiddo_86, Jiawan_85
- Track 169 : Keziacharles14_84
- Track 170 : Arissanae_82
- Track 171 : Darrell_85
- Track 172 : SheaKeira_82
- Track 173 : BogosyJay_86, Maminiaina_86
- Track 174 : LoneWolf_87
- Track 175 : Vanisoa_82
- Track 176 : Yecey3_88
- Track 177 : DreamTeam1_82, Charm_82
- Track 178 : MegTheThird_83
- Track 179 : Rahalelujah_86
- Track 180 : Toaka_85
- Track 181 : Elephantoon_87
- Track 182 : Klodlith_83

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

The start number called the most often in the published annotations is 89, it was called in 205 of the 672 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- A6_70, AFIS_73, Abbyshoes_76, Abrogate_730, Acme_80, Adahisdi_72, Aeneas_81, Agaliana_74, Ajay_73, Aldrich_68, Alsfro_83, Altman_79, Alvin_74, Anglerfish_78, Applejack_75, Arcanine_80, Arlo_76, Ashballer_78, Atkinbua_82, BK1_70, BPBiabs31_81, BaconJack_78, Barriga_83, BarrowTuph_79, Beatrix_73, BeesKnees_77, Bethlehem_79, Bexan_71, Big3_77, BigMau_79, Bigchungi_77, Bigfoot_71, BillKnuckles_70, Bircsak_77, Blackflame_72, Blesser_70, BluSpix_74, Blue_73, Bob3_77, Bones_72, Briton15_79, Bruns_79, Burton_77, Buttons_73, Bxb1_70, CactusRose_79, Carlyle_77, CartmannCramer_72, CatBus_68, Chanagan_73, ChristmasHams_67, Ciao_73, ConceptII_81, Corvo_78, Crispicous1_71, DD5_74, Dexes_77, DirtDevil_70, Doom_69, DrFeelGood_72, DreamCatcher_80, Dreamboat_76, Dulcie_77, Dussy_75, Dynamix_76, Edtherson_75, EnzoK_77, Espresso_70, Euphoria_77, Eyeball_75, Fajezeel_79, Fascinus_72, Fenn_79, Forsytheast_78, Francis47_78, Fushigi_70, GMonster_74, GageAP_79, Gandalf20_75, Gompeii16_77, Graduation_79, GrecoEtereo_80, Greg_79, GroundGoblin_69, Gwendoluna_80, Gyzlar_69, Hami1_69, HanShotFirst_74, HarryOW_77, Hermia_71, HermioneGrange_80, Homines_64, Hope4ever_77, ILeeKay_74, Ichabod_79, Inyanga_68, Iqorha_68, JackSparrow_77, Jasper_75, Jerm2_78, JuliaChild_77, KSSJEB_73, Kanely_78, Kenmech_78, KikiBouba_70, Killigrew_73, Kugel_78, KyMonks1A_82, Lamina13_80, Lesedi_73, Levia_70, Licorice_77, LilBib_73, Lockley_73, Lopton_75, MPlant7149_76, Magnar_72, Magnito_75, Makemake_79, Manatee_74, Marcell_69, Marchy_68, Marco3_79, Marge_73, Maroc7_78, Marsha_76, MaryBeth_74, McGuire_76, McSinger_75, MetalQZJ_73, Mkhuseleli_73, Molly_76, Monet_80, Moose_78, MrGordo_77, Mryolo_71, Mule_75, Museum_76, NEHalo_72, Naira_78, Nerujay_80, Nhonho_72, Niza_76, Norz_72, Noxious_69, Ohno789_79, Oogway_75, PSullivan_74, PacerPaul_81, Papez_78, Paphu_71, Paraselene_74, Pari_81, Parliament_77, PascalRango_74, PattyP_76, Pelly_79, Pepe_70, Perseus_76,

Peterson_75, Petp2012_77, Petruchio_76, PherrisBueller_75, PhineBark_72, Phlippers_74, PhrostyMug_78, PinkPlastic_72, Pinto_76, Pippin_77, Pita2_77, PowerRanger_72, Puppet_71, QTRlifeCrisis_75, Raid_73, Rajelicia_78, Rhynn_72, Ringer_76, Rohr_79, Rubeus_77, Rufus_79, Ruotula_80, Rutherferd_78, STLscum_82, Sagefire_73, Sandaddy_74, Sanya_71, SarFire_80, Scowl_77, Seabiscuit_77, Seanderson_76, ShortQueendom_69, Sibs6_76, SkiPole_85, Slagathor_77, Smairt_80, Snazzy_77, Solon_72, Sorpresa_75, SpikeBT_73, Squee_77, StrongArm_72, Sumter_73, Sunshine924_77, SwissCheese_80, Switzer_75, Swole_77, Target_76, Tasp14_75, Teodoridan_74, TheloniousMonk_78, Thor_80, Topgun_72, Tote_72, Traft412_76, Treddle_78, Tripl3t_79, Trouble_76, Turj99_72, TwoPeat_76, U2_70, Violet_71, Watermelon_79, Wheeler_81, Whitspit_69, Wilkins_73, Zeeculate_72, Zephyr_78,

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

• BigPaolini_74, IgnatiusPatJac_76, KBG_74, StewieG_72,

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

• 20ES_85, 40AC_78, AN3_83, AN9_82, ANI8_82, AbbyPaige_85, Abdiel_74, Achebe_73, Acolyte_77, Agape74_85, Aglet_81, Airmid_73, Albee_75, Alberto7_76, Aliter_80, Alma_85, Aneem_85, AnnaL29_85, Annyong_74, Anselm_84, Anubis_84, ArcherNM_78, Arissanae_82, Artemis2UCLA_83, Arturo_72, AvatarAhPeg_74, Avle17_75, Ayanochan_85, B1_69, BABullseye_76, Baby16_75, Bachome_82, Bactobuster_74, Badger_73, Baehexic_82, BangNhom_72, Bartimeaus_75, Beauxregard13_79, Beemo_87, Bellris_84, BellusTerra_76, Benedict_74, BengiVuitton_85, BennyP_83, Benvolio_82, BiancaTri92_81, Bigflo_77, Blackmoor_74, BlessJoy_84, Blinn1_87, Blue7_85, BlueBird_81, BobSwaget_77, BogosyJay_86, Bombshell_75, Bowtie_81, Bradman_86, Broseidon_75, Bruiser_74, BubbleTrouble_74, Bud_79, Bugatti_79, Bumblebee11_73, Burger_73, BuzzBuzz_74, Bxz2_75, C3_75, CRB1_84, Caelakin_73, Calvinny_77, Camperdownii_73, Candra_81, Catalina_89, Centaur_83, CentreCat_75, Cerulean_77, Chadwick_74, ChampagnePapi_78, Changeling_82, Chaph_75, Chargerpower_83, Charm_82, Chartreuse_82, ChipMunk_84, Chupacabra_80, Cici_74, Cindaradix_70, Cintron_76, Citius_75, Clammy_79, Clarenza_74, CloudWang3_84, ClownCar_77, Cocoaberry_75, CogOmlette_84, Colbster_76, Colin_82, Commander_73, Connomayer_75, Conquerage_85, Cookiedough_83, Croquant_77, Crucio_83, Cullens_81, DBQu4n_83, DaVinci_81, Daishi_79, Dalmatian_83, Darrell_85, DarthPhader_78, Deano_72, DeerParkTS_79, Deloris_85, DelvinSonDorr_79, Dhanush_75, Dieselweasel_81, Dignity_85, DirtyDunning_74, DontArgue_78, Dorothea_83, Drake55_84, Drake94_80, DreamTeam1_82, DroogsArmy_74, DropBear_77, Druantia_74, DudeLittle_81, Duplo_84, DustyMartin_86, EZMoney23_79, EagleEye_83, Eagle_74, Eapen_75, Ebony_84, Echild_85, EdogawaKiddo_86, Eidsmoe_85, EITiger69_76, Elephantoon_87, EmyBug_84, EpicPhail_81, Equemioh13_83, EricB_82, Eris_74, Eros_75, Et2Brutus_83, EtoileNova_77, Eurydice_76, EvilGenius_83, ExplosioNervosa_85, Fameo_81, Farber_80, Fayely_85, Fernando_81, Fibonacci_83, FiringLine_83, First_0084, Flare16_83, Flaverint_85, Florean_75, Flux_76, FlyCatcher_78, ForesterFrank_78, Fred313_76, Funston_74, Gadost_75, Gail_84, Garak_85, Gemma_77, Georgie2_85, Ghoulboy_70, Gilberta_81, GinkgoMaracino_80, Giroux_82, Gladiator_80, Goose_84, Gratitude_81, GreedyLawyer_77, Grif_78, Groupthink_80, Grum1_80, Gruunaga_83, GtownJaz_80, Gwennie_75, HINdeR_74, HamSlice_71, Hammer_84, Hanray_85, Happiness_74, HarryHoudini_83, HashRod_81, HaveUMetTed_80, Heathen_78, Heffalump_80, HelDan_79, Heliosoles_77, Helmet_86, Herbertwm_77, Hercules11_80, Hexamo_83,

HippoHollow_80, Horex_86, Holli_74, Hookmount_79, Hoot_78, HortumSL17_88, Houdini22_74, Hutc2_80, ICleared_74, Iceman_73, Idleandcovert_79, Indra_87, Insomnia_83, Iracema64_75, IronMan_79, Isca_75, Isiphiwo_80, Iwokeuplikedis_86, JF2_75, JF4_75, JHC117_75, Jaan_80, Jabith_83, Jaykayelowell_72, Jeeves_84, JenCasNa_81, JeppNRM_80, Jerm_85, JetBlade_76, Jiawan_85, Jobu08_76, JoongJeon_74, Jordennis_81, Joselito_83, JoshKayV_85, Jsquared_87, KADY_77, KFPoly_74, Kachowdy_76, Kalnoky_80, Kalpine_85, Kampy_74, Katalie136_74, Kazan_84, KekoraPapaka_72, Kerberos_83, Keziacharles14_84, Kimba_81, Kimona_76, KingCyrus_82, Kingmustik0402_75, Kipper29_83, KittenMittens_78, Klodlith_83, Koan_72, Koduck_83, Koko_85, Koreni_74, Kratak_74, Kremtemulon_74, Kristoff_81, Kye_75, L5_76, LBerry_81, LHTSCC_77, LadyBird_87, Lambert1_79, Landor_80, LappelDuVide_75, Larenn_81, LarryKay_80, Lemur_75, LeoAvram_74, Leviathan_85, LiTurb_84, Lilbunny_83, Lilleskat_84, LionsBait_82, LittleB_75, LittleGuy_75, LochMonster_76, Lokk_78, LoneWolf_87, Lorenzo_75, Loser_86, Louie6_79, Lucivia_85, Lucyedi_82, LugYA_83, Lunsford_75, MA5_77, MK4_72, MaCh_84, Mabel_84, MadMarie_78, MajorMajor_80, Malec_82, Maminiaina_86, Manu_79, MarQuardt_80, Marchesa_78, Margo_79, Marie_78, Marius_80, Maverick_74, Maxo_77, Mayonnaise_72, Mazhar510_75, McFly_83, Medusa_74, MeeZee_74, MegTheThird_83, Melvin_77, Methuselah_73, MiculUcigas_83, Miko_78, Milcery_70, Millski_74, Minispark_84, Miramae_74, MissWhite_76, MoneyMay_80, Montavir_75, Morpher26_74, Morrow_77, Mulciber_82, Munch_84, Mundrea_74, MyraDee_79, Myxus_87, NaSiaTalie_84, Naca_73, Nebs_76, Neeharika16_82, Nemo27_74, Newrala_82, NicoleTera_81, Noella_80, Noelle_75, Norbert_75, NorthStar_72, NotAPhaseMom_74, NothingSpecial_78, Nyxis_74, OKCentral2016_82, OKaNui_74, Obama12_76, Ohfah_76, OlanP_78, Ollie_80, Onglai_85, Orange_84, P28Green_80, PP_76, PainterBoy_82, Palestino_74, Panamaxus_76, Pawn_78, PeaceMeal1_80, Peaches_73, Penny1_80, PeterPeter_75, Petersenfast_78, PetterN_78, Phacado_75, Phaded_76, Phaeder_87, Phantastic_80, Pharaoh_77, Phelipe_76, Phighter1804_75, PhishRPhriends_76, Phoebe_81, Phonnegut_87, Phontbonne_75, Phoxy_80, Pioneer_87, Pipcraft_71, Piro94_82, Pistachio_79, Pmask_82, Pocahontas_78, Polymorphads_76, Pomar16_83, Poompha_80, Popcicle_79, PotatoSplit_81, Power_83, Priamo_85, Prinash11_68, Priya_85, Prudy_78, Pukovnik_77, Pumbaa_75, Puppy_80, PurpleHaze_79, Qobbit_85, QueenB2_80, QueenBeesly_83, QuinnKiro_78, Quokka_85, Rachaly_80, Rahalelujah_86, Reba_75, Rebeuca_84, RedRock_83, Refuge_80, Relief_74, ResDef_77, Retro23_83, RhynO_71, Rifter_84, RockieBear_72, Roimos_77, Roksolana_84, Romney_74, Roosevelt_73, Rosa24_71, Rowdy_86, Ruin_75, Rummer_79, RyeScarlet_88, Sabertooth_75, Sabinator_78, Sachima_83, Salz_79, Saskia_81, SaturnRing_79, Scamp_75, Scherzo_85, Scout_78, SemperFi_83, SenorClean_76, Serenity_86, Severus_81, Shaka_73, Sham4_80, Shapes_86, SheaKeira_82, Sheen_75, SheldonCooper_75, Shygu2_74, Skipitt_74, Sknot_83, Smeagan_86, SmellyB_83, SnapTap_83, Snape_84, Snickers_80, SoYo_77, SoilDragon_80, SororFago_82, Soshari_82, Sparxx_76, Spike509_80, Spino_74, Spouty_85, StarStuff_83, Stasia_73, SteMason_71, Steamy_75, Stink_74, Sultana_75, Sunhee_83, SuperAwesome_83, SuperCallie99_80, SweetiePie_83, SydNat_70, TNguyen7_80, Taquarus_74, TarsusIV_82, Taurus_81, Temprado_85, Terrific_84, Texage_77, Thanksgivukkah_74, Tiffany_79, Timothy_84, Timshel_75, TinaFeyge_73, TinyPebbles_79, TinyTimmy_82, Tinybot_74, TipsytheTRex_82, TiroTheta9_74, Toaka_85, Todacoro_79, Tomathan_83, ToneTone_81, Topanga_73, Toro_76, Travvers_83, Tristan_78, Trixie_83, Trooper_82, TroyPia_76, Tubs_87, Tucker_84, Turbido_84, Twigg_67, Twister_84, TygerBlood_75, Ugenie5_74, Ulysses_74, Updawg_84, VA6_83, VC3_81, Vanisoa_82, Veracruz_76, Vix_76,

VohminGhazi_83, WalterMcMickey_83, Wander_75, WeiHuaDA_85, Whabigail7_83, WideWale_84, Wiks_83, Wilbur_75, Wile_73, Wizard007_74, Wolpertinger_83, Wooldri_82, WorldCup_85, WunderPhul_84, XianYue_82, Yecey3_88, YoSam321_75, Yokurt_83, Zaka_84, Zarafa_76, Zimmer_79, Zolita_69, Zulu_85,

Summary by start number:

Start 56:

- Found in 7 of 764 (0.9%) of genes in pham
- No Manual Annotations of this start.
- Called 14.3% of time when present
- Phage (with cluster) where this start called: LionsBait_82 (A2),

Start 58:

- Found in 1 of 764 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LeoAvram_74 (A4),

Start 60:

- Found in 20 of 764 (2.6%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 10.0% of time when present
- Phage (with cluster) where this start called: Blinn1_87 (A6), Candra_81 (A6),

Start 62:

- Found in 1 of 764 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 100.0% of time when present
- Phage (with cluster) where this start called: PP_76 (A7),

Start 66:

- Found in 11 of 764 (1.4%) of genes in pham
- Manual Annotations of this start: 2 of 672
- Called 18.2% of time when present
- Phage (with cluster) where this start called: Bumblebee11_73 (A4), Morpher26_74 (A4),

Start 67:

- Found in 13 of 764 (1.7%) of genes in pham
- Manual Annotations of this start: 7 of 672
- Called 53.8% of time when present
- Phage (with cluster) where this start called: Achebe_73 (A4), Camperdownii_73 (A4), Cici_74 (A4), Katalie136_74 (A4), Kremtemulon_74 (A4), Noelle_75 (A4), Wizard007_74 (A4),

Start 71:

- Found in 4 of 764 (0.5%) of genes in pham
- Manual Annotations of this start: 4 of 672
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BobSwaget_77 (A2), Lokk_78 (A2), Miko_78 (A2), Rachaly_80 (A2),

Start 73:

- Found in 7 of 764 (0.9%) of genes in pham
- Manual Annotations of this start: 3 of 672
- Called 85.7% of time when present
- Phage (with cluster) where this start called: 20ES_85 (A2), CRB1_84 (A2), Deloris_85 (A2), First_0084 (A2), LadyBird_87 (A2), NothingSpecial_78 (A2),

Start 74:

- Found in 2 of 764 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Stasia_73 (A4),

Start 75:

- Found in 77 of 764 (10.1%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 2.6% of time when present
- Phage (with cluster) where this start called: IgnatiusPatJac_76 (A1), StewieG_72 (A1),

Start 78:

- Found in 191 of 764 (25.0%) of genes in pham
- Manual Annotations of this start: 166 of 672
- Called 90.1% of time when present
- Phage (with cluster) where this start called: AN3_83 (A2), AbbyPaige_85 (A2), Abdiel_74 (A4), Agape74_85 (A2), Albee_75 (A4), Alberto7_76 (A4), Annyong_74 (A4), Arturo_72 (A4), AvatarAhPeg_74 (A4), Avle17_75 (A4), BABullseye_76 (A6), Baby16_75 (A4), Bactobuster_74 (A2), Badger_73 (A4), BangNhom_72 (A4), Bartimeaus_75 (A4), BellusTerra_76 (A4), BengiVuitton_85 (A2), Benvolio_82 (A2), BiancaTri92_81 (A2), Blackmoor_74 (A4), Bombshell_75 (A4), Broseidon_75 (A4), Bruiser_74 (A4), BubbleTrouble_74 (A4), Burger_73 (A4), Caelakin_73 (A4), CentreCat_75 (A4), Cerulean_77 (A4), ChampagnePapi_78 (A4), Chaph_75 (A4), Chartreuse_82 (A6), ChipMunk_84 (A2), Cindaradix_70 (A4), Citius_75 (A4), Clarenza_74 (A4), Cocoaberry_75 (A4), Commander_73 (A4), Connomayer_75 (A4), Cookiedough_83 (A6), DaVinci_81 (A6), Deano_72 (A4), DeerParkTS_79 (A2), Dhanush_75 (A4), Dignity_85 (A2), DirtyDunning_74 (A4), Dorothea_83 (A6), DroogsArmy_74 (A7), Druantia_74 (A4), Eagle_74 (A4), Eapen_75 (A4), Eris_74 (A4), Eros_75 (A4), Eurydice_76 (A4), EvilGenius_83 (A2), Florean_75 (A4), Flux_76 (A4), Funston_74 (A4), Gadost_75 (A4), GreedyLawyer_77 (A6), HINdeR_74 (A7), HamSlice_71 (A4), Happiness_74 (A4), HippoHollow_80 (A2), Holli_74 (A4), Hoot_78 (A6), Houdini22_74 (A4), ICleared_74 (A4), Iceman_73 (A4), Iracema64_75 (A4), Isiphiwo_80 (A6), Jaan_80 (A2), Jaykayelowell_72 (A4), Jerm_85 (A2), JetBlade_76 (A4), JoongJeon_74 (A4), JoshKayV_85 (A2), KFPoly_74 (A4), Kampy_74 (A4), Kazan_84 (A6), KekoraPapaka_72 (A4), KingCyrus_82 (A2), Kingmustik0402_75 (A4), Kipper29_83 (A6), Koan_72 (A4), Koreni_74 (A4), Kratark_74 (A4), Kyee_75 (A4), LHTSCC_77 (A4), Landor_80 (A2), LappelDuVide_75 (A4), Lemur_75 (A4), Leviathan_85 (A2), LilTurb_84 (A2), LittleB_75 (A4), LittleGuy_75 (A4), LochMonster_76 (A4), Lorenzo_75 (A4), Lunsford_75 (A4), Maverick_74 (A4), Maxo_77 (A4), Mayonnaise_72 (A4), Mazhar510_75 (A4), McFly_83 (A6), Medusa_74 (A4), MeeZee_74 (A4), Melvin_77 (A4), Millski_74 (A4), Miramae_74 (A4), Morrow_77 (A4), Mundrea_74 (A4), Nebs_76 (A4), Neeharika16_82 (A6), Nemo27_74 (A4), Newrala_82 (A6), NorthStar_72 (A4), NotAPhaseMom_74 (A4), Nyxis_74 (A4), OKaNui_74 (A4), Obama12_76 (A4), Ohfah_76 (A4), Palestino_74

(A4), Peaches_73 (A4), PeterPeter_75 (A4), Phacado_75 (A4), Phaded_76 (A2), Phelipe_76 (A4), Phighter1804_75 (A4), Phontbonne_75 (A4), Pipcraft_71 (A4), Pmask_82 (A6), Polymorphads_76 (A4), Pukovnik_77 (A2), Pumbaa_75 (A4), Relief_74 (A4), RockieBear_72 (A4), Romney_74 (A4), Roosevelt_73 (A4), Rosa24_71 (A4), Ruin_75 (A4), Sabertooth_75 (A4), Scamp_75 (A4), SenorClean_76 (A4), Shaka_73 (A4), SheldonCooper_75 (A4), Shygu2_74 (A4), Skipitt_74 (A4), Smeagan_86 (A2), SmellyB_83 (A6), Sparxx_76 (A4), Spino_74 (A4), SteMason_71 (A4), Sultana_75 (A4), SuperAwesome_83 (A6), Taquarus_74 (A4), Thanksgivukkah_74 (A4), Timshel_75 (A7), TinaFeyge_73 (A4), Tinybot_74 (A4), TiroTheta9_74 (A4), TroyPia_76 (A4), Turbido_84 (A2), TygerBlood_75 (A4), Ulysses_74 (A4), VA6_83 (A2), VohminGhazi_83 (A6), Wander_75 (A4), Whabigail7_83 (A2), Wilbur_75 (A4), Wile_73 (A4), XianYue_82 (A2), YoSam321_75 (A4),

Start 79:

- Found in 70 of 764 (9.2%) of genes in pham
- Manual Annotations of this start: 38 of 672
- Called 60.0% of time when present
- Phage (with cluster) where this start called: 40AC_78 (A17), Anselm_84 (A2), Baehexic_82 (A2), Centaur_83 (A2), Colin_82 (A2), Crucio_83 (A2), Dalmatian_83 (A2), Drake55_84 (A2), DudeLittle_81 (A2), Echild_85 (A2), Equemioh13_83 (A2), Fameo_81 (A2), FiringLine_83 (A2), Flare16_83 (A2), Georgie2_85 (A2), Gratitude_81 (A2), HarryHoudini_83 (A2), Heffalump_80 (A2), Herbertwm_77 (A2), IronMan_79 (A2), Iwokeuplikedis_86 (A2), Kimona_76 (A19), Larenn_81 (A2), Malec_82 (A2), MiculUcigas_83 (A2), NaSiaTalie_84 (A2), NicoleTera_81 (A2), Piro94_82 (A2), Power_83 (A2), QueenB2_80 (A2), QueenBeesly_83 (A2), Retro23_83 (A2), SemperFi_83 (A2), Sknot_83 (A2), SnapTap_83 (A2), SweetiePie_83 (A2), TarsusIV_82 (A2), Terrific_84 (A2), Tristan_78 (A2), Trooper_82 (A2), Updawg_84 (A2), WideWale_84 (A2),

Start 81:

- Found in 13 of 764 (1.7%) of genes in pham
- Manual Annotations of this start: 6 of 672
- Called 53.8% of time when present
- Phage (with cluster) where this start called: AnnaL29_85 (A2), Changeling_82 (A2), ForesterFrank_78 (A2), Kalpine_85 (A2), Loser_86 (A2), RedRock_83 (A2), Trixie_83 (A2),

Start 83:

- Found in 2 of 764 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 672
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Acolyte_77 (A2), Cintron_76 (A4),

Start 85:

- Found in 9 of 764 (1.2%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 11.1% of time when present
- Phage (with cluster) where this start called: Airmid_73 (A5),

Start 86:

- Found in 9 of 764 (1.2%) of genes in pham
- Manual Annotations of this start: 2 of 672

- Called 22.2% of time when present
- Phage (with cluster) where this start called: BigPaolini_74 (A1), KBG_74 (A1),

Start 87:

- Found in 34 of 764 (4.5%) of genes in pham
- Manual Annotations of this start: 11 of 672
- Called 44.1% of time when present
- Phage (with cluster) where this start called: Chupacabra_80 (A10), DontArgue_78 (A10), Drake94_80 (A10), DustyMartin_86 (A10), Goose_84 (A10), KittenMittens_78 (A10), Kristoff_81 (A10), OKCentral2016_82 (A10), PeaceMeal1_80 (A10), Poompha_80 (A10), Rebeuca_84 (A10), RhynO_71 (A10), Rowdy_86 (A10), Severus_81 (A10), Shapes_86 (A10),

Start 89:

- Found in 231 of 764 (30.2%) of genes in pham
- Manual Annotations of this start: 205 of 672
- Called 98.3% of time when present
- Phage (with cluster) where this start called: A6_70 (A1), AFIS_73 (A1), Abbyshoes_76 (A1), Abrogate_730 (A1), Acme_80 (A1), Adahisdi_72 (A1), Aeneas_81 (A1), Agaliana_74 (A1), Ajay_73 (A1), Aldrich_68 (A1), Alsfro_83 (A1), Altman_79 (A1), Alvin_74 (A1), Anglerfish_78 (A1), Applejack_75 (A1), Arcanine_80 (A1), Arlo_76 (A1), Ashballer_78 (A1), Atkinbua_82 (A1), BK1_70 (A1), BPBiebs31_81 (A1), BaconJack_78 (A1), Barriga_83 (A1), BarrowTuph_79 (A1), Beatrix_73 (A1), BeesKnees_77 (A1), Bethlehem_79 (A1), Bexan_71 (A1), Big3_77 (A1), BigMau_79 (A1), Bigchunggi_77 (A1), Bigfoot_71 (A1), BillKnuckles_70 (A1), Bircsak_77 (A1), Blackflame_72 (A1), Blesser_70 (A1), BluSpix_74 (A1), Blue_73 (A1), Bob3_77 (A1), Bones_72 (A1), Briton15_79 (A1), Bruns_79 (A1), Burton_77 (A1), Buttons_73 (A1), Bxb1_70 (A1), CactusRose_79 (A1), Carlyle_77 (A1), CartmannCramer_72 (A1), CatBus_68 (A1), Chanagan_73 (A1), ChristmasHams_67 (A1), Ciao_73 (A1), ConceptII_81 (A1), Corvo_78 (A1), Crispicous1_71 (A1), DD5_74 (A1), Dexes_77 (A1), DirtDevil_70 (A1), Doom_69 (A1), DrFeelGood_72 (A1), DreamCatcher_80 (A1), Dreamboat_76 (A1), Dulcie_77 (A1), Dussy_75 (A1), Dynamix_76 (A1), Edtherson_75 (A1), EnzoK_77 (A1), Espresso_70 (A1), Euphoria_77 (A1), Eyeball_75 (A1), Fajezeel_79 (A1), Fascinus_72 (A1), Fenn_79 (A1), Forsytheast_78 (A1), Francis47_78 (A1), Fushigi_70 (A1), GMonster_74 (A1), GageAP_79 (A1), Gandalf20_75 (A1), Gompeii16_77 (A1), Graduation_79 (A1), GrecoEtereo_80 (A1), Greg_79 (A1), GroundGoblin_69 (A1), Gwendoluna_80 (A1), Gyzlar_69 (A1), Hami1_69 (A1), HanShotFirst_74 (A1), HarryOW_77 (A1), Hermia_71 (A1), HermioneGrange_80 (A1), Homines_64 (A1), Hope4ever_77 (A1), ILeeKay_74 (A1), Ichabod_79 (A1), Inyanga_68 (A1), Iqorha_68 (A1), JackSparrow_77 (A1), Jasper_75 (A1), Jerm2_78 (A1), JuliaChild_77 (A1), KSSJEB_73 (A1), Kanely_78 (A1), Kenmech_78 (A1), KikiBouba_70 (A1), Killigrew_73 (A1), Kugel_78 (A1), KyMonks1A_82 (A1), Lamina13_80 (A1), Lesedi_73 (A1), Levia_70 (A1), Licorice_77 (A1), LilBib_73 (A1), Lockley_73 (A1), Lopton_75 (A1), MPlant7149_76 (A1), Magnar_72 (A1), Magnito_75 (A1), Makemake_79 (A1), Manatee_74 (A1), Marcell_69 (A1), Marchy_68 (A1), Marco3_79 (A1), Marge_73 (A1), Maroc7_78 (A1), Marsha_76 (A1), MaryBeth_74 (A1), McGuire_76 (A1), McSinger_75 (A1), MetalQZJ_73 (A1), Mkhusei_73 (A1), Molly_76 (A1), Monet_80 (A1), Moose_78 (A1), MrGordo_77 (A1), Mryolo_71 (A1), Mule_75 (A1), Museum_76 (A1), NEHalo_72 (A1), Naira_78 (A1), Nerujay_80 (A1), Nhonho_72 (A1), Niza_76 (A1), Norz_72 (A1), Noxious_69 (A1), Ohno789_79 (A1), Oogway_75 (A1), PSullivan_74 (A1), PacerPaul_81 (A1), Papez_78 (A1), Paphu_71 (A1), Paraselene_74 (A1), Pari_81 (A1), Parliament_77 (A1), PascalRango_74 (A1),

PattyP_76 (A1), Pelly_79 (A1), Pepe_70 (A1), Perseus_76 (A1), Peterson_75 (A1), Petp2012_77 (A1), Petruchio_76 (A1), PherrisBueller_75 (A1), PhineBark_72 (A1), Phippers_74 (A1), PhrostyMug_78 (A1), PinkPlastic_72 (A1), Pinto_76 (A1), Pippin_77 (A1), Pita2_77 (A1), PowerRanger_72 (A1), Puppet_71 (A1), QTRlifeCrisis_75 (A1), Raid_73 (A1), Rajelicia_78 (A1), Rhynn_72 (A1), Ringer_76 (A1), Rohr_79 (A1), Rubeus_77 (A1), Rufus_79 (A1), Ruotula_80 (A1), Rutherford_78 (A1), STLscum_82 (A1), Sagefire_73 (A1), Sandaddy_74 (A1), Sanya_71 (A1), SarFire_80 (A1), Scowl_77 (A1), Seabiscuit_77 (A1), Seanderson_76 (A1), ShortQueendom_69 (A1), Sibs6_76 (A1), SkiPole_85 (A1), Slagathor_77 (A1), Smairt_80 (A1), Snazzy_77 (A1), Solon_72 (A1), Sorpresa_75 (A1), SpikeBT_73 (A1), Squee_77 (A1), StrongArm_72 (A1), Sumter_73 (A1), Sunshine924_77 (A1), SwissCheese_80 (A1), Switzer_75 (A1), Swole_77 (A1), Target_76 (A1), Tasp14_75 (A1), Teodoridan_74 (A1), TheloniousMonk_78 (A1), Thor_80 (A1), Topgun_72 (A1), Tote_72 (A1), Traft412_76 (A1), Treddle_78 (A1), Tripl3t_79 (A1), Trouble_76 (A1), Turj99_72 (A1), TwoPeat_76 (A1), U2_70 (A1), Violet_71 (A1), Watermelon_79 (A1), Wheeler_81 (A1), Whitspit_69 (A1), Wilkins_73 (A1), Zeeculate_72 (A1), Zephyr_78 (A1),

Start 91:

- Found in 40 of 764 (5.2%) of genes in pham
- Manual Annotations of this start: 32 of 672
- Called 95.0% of time when present
- Phage (with cluster) where this start called: Aneem_85 (A11), Bachome_82 (A11), Benedict_74 (A5), Bowtie_81 (A11), Bud_79 (A11), Chadwick_74 (A5), Ebony_84 (A11), ElTiger69_76 (A5), Et2Brutus_83 (A11), Fibonacci_83 (A11), Flaverint_85 (A11), Ghouboy_70 (A5), Gilberta_81 (A11), Hutc2_80 (A11), Insomnia_83 (A11), Jabith_83 (A11), Joselito_83 (A11), Kimba_81 (A11), Lucivia_85 (A11), MaCh_84 (A11), Mabel_84 (A11), Milcery_70 (A5), Mulciber_82 (A11), Munch_84 (A11), Naca_73 (A5), Orange_84 (A11), Petersenfast_78 (A11), PetterN_78 (A5), Prinash11_68 (A5), Salz_79 (A11), Saskia_81 (A11), Sham4_80 (A11), Snape_84 (A11), SydNat_70 (A5), Timothy_84 (A11), TinyTimmy_82 (A11), Twigg_67 (A5), Wolpertinger_83 (A11),

Start 92:

- Found in 72 of 764 (9.4%) of genes in pham
- Manual Annotations of this start: 27 of 672
- Called 48.6% of time when present
- Phage (with cluster) where this start called: ArcherNM_78 (A2), Arissanae_82 (A9), BogosyJay_86 (A9), Darrell_85 (A9), DARTHPhader_78 (A12), EZMoney23_79 (A2), EagleEye_83 (A16), EdogawaKiddo_86 (A9), EmyBug_84 (A9), Fayely_85 (A9), Hanray_85 (A9), Jiawan_85 (A9), LoneWolf_87 (A9), Lucyedi_82 (A16), Maminiaina_86 (A9), MissWhite_76 (A2), PainterBoy_82 (A16), Pharaoh_77 (A12), Prudy_78 (A2), Rahalelujah_86 (A9), Refuge_80 (A12), RyeScarlet_88 (A9), Sachima_83 (A9), SheaKeira_82 (A9), Spouty_85 (A9), Steamy_75 (A12), Toaka_85 (A9), Topanga_73 (A10), Tubs_87 (A9), Twister_84 (A10), Vanisoa_82 (A9), WalterMcMickey_83 (A10), WeiHuaDA_85 (A2), Yecy3_88 (A9), Zimmer_79 (A12),

Start 93:

- Found in 30 of 764 (3.9%) of genes in pham
- Manual Annotations of this start: 17 of 672
- Called 70.0% of time when present
- Phage (with cluster) where this start called: AN9_82 (A2), ANI8_82 (A2), Bradman_86 (A2), C3_75 (A2), Chargerpower_83 (A22), DBQu4n_83 (A2), Duplo_84

(A2), Jsquared_87 (A2), Kerberos_83 (A2), Keziacharles14_84 (A9), Koduck_83 (A2), L5_76 (A2), MajorMajor_80 (A2), Pomar16_83 (A2), Quokka_85 (A2), Serenity_86 (A2), StarStuff_83 (A2), TipsytheTRex_82 (A2), Tomathan_83 (A2), Travvers_83 (A2), VC3_81 (A2),

Start 94:

- Found in 4 of 764 (0.5%) of genes in pham
- Manual Annotations of this start: 2 of 672
- Called 50.0% of time when present
- Phage (with cluster) where this start called: MyraDee_79 (A18), Zolita_69 (A5),

Start 101:

- Found in 9 of 764 (1.2%) of genes in pham
- Manual Annotations of this start: 3 of 672
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Gail_84 (A14), Jeeves_84 (A14), SororFago_82 (A14),

Start 103:

- Found in 19 of 764 (2.5%) of genes in pham
- Manual Annotations of this start: 7 of 672
- Called 36.8% of time when present
- Phage (with cluster) where this start called: Isca_75 (A3), Lambert1_79 (A3), MK4_72 (A3), Margo_79 (A3), Norbert_75 (A3), QuinnKiro_78 (A3), Veracruz_76 (A3),

Start 104:

- Found in 68 of 764 (8.9%) of genes in pham
- Manual Annotations of this start: 62 of 672
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aglet_81 (A3), Anubis_84 (A3), Beauxregard13_79 (A3), Bigflo_77 (A3), BuzzBuzz_74 (A3), Bxz2_75 (A3), Calvinny_77 (A3), ClownCar_77 (A3), Colbster_76 (A3), Croquant_77 (A3), Cullens_81 (A3), Daishi_79 (A3), Dieselweasel_81 (A3), EpicPhail_81 (A3), Farber_80 (A3), Fernando_81 (A3), Gemma_77 (A3), GingkoMaracino_80 (A3), Grif_78 (A3), Groupthink_80 (A3), Grum1_80 (A3), GtownJaz_80 (A3), Gwennie_75 (A3), HashRod_81 (A3), HaveUMetTed_80 (A3), Heliosoles_77 (A3), Hercules11_80 (A3), JHC117_75 (A3), JenCasNa_81 (A3), JeppNRM_80 (A3), Jobu08_76 (A3), KADY_77 (A3), Kalnoky_80 (A3), LBerry_81 (A3), LarryKay_80 (A3), Louie6_79 (A3), LugYA_83 (A3), MadMarie_78 (A3), Manu_79 (A3), MarQuardt_80 (A3), Marie_78 (A3), Marius_80 (A3), Methuselah_73 (A3), MoneyMay_80 (A3), Montavir_75 (A3), OlanP_78 (A3), Ollie_80 (A3), P28Green_80 (A3), Pawn_78 (A3), Penny1_80 (A3), PhishRPhriends_76 (A3), Phoebe_81 (A3), Phoxy_80 (A3), PotatoSplit_81 (A3), PurpleHaze_79 (A3), Reba_75 (A3), Rummer_79 (A3), Sabinator_78 (A3), Snickers_80 (A3), SoYo_77 (A3), SoilDragon_80 (A3), Soshari_82 (A3), Spike509_80 (A3), Taurus_81 (A3), Tiffany_79 (A3), TinyPebbles_79 (A3), Vix_76 (A3), Wooldri_82 (A3),

Start 105:

- Found in 42 of 764 (5.5%) of genes in pham
- Manual Annotations of this start: 24 of 672
- Called 83.3% of time when present

- Phage (with cluster) where this start called: B1_69 (A3), BlueBird_81 (A3), Bugatti_79 (A3), Clammy_79 (A3), DropBear_77 (A3), EtoileNova_77 (A3), FlyCatcher_78 (A7), Fred313_76 (A3), Giroux_82 (A3), Heather_78 (A3), HelDan_79 (A3), Hookmount_79 (A3), Idleandcovert_79 (A3), JF2_75 (A3), JF4_75 (A3), Kachowdy_76 (A3), MA5_77 (A3), Marchesa_78 (A3), Noella_80 (A3), Panamaxus_76 (A3), Phantastic_80 (A3), Pistachio_79 (A3), Pocahontas_78 (A3), Popcicle_79 (A3), Puppy_80 (A3), ResDef_77 (A3), Roimos_77 (A3), SaturnRing_79 (A3), Scout_78 (A3), Sheen_75 (A7), TNguyen7_80 (A3), Texage_77 (A3), Todacoro_79 (A3), Toro_76 (A7), Zarafa_76 (A3),

Start 107:

- Found in 41 of 764 (5.4%) of genes in pham
- Manual Annotations of this start: 17 of 672
- Called 61.0% of time when present
- Phage (with cluster) where this start called: Aliter_80 (A9), Alma_85 (A9), Ayanochan_85 (A9), Beemo_87 (A9), Bellris_84 (A9), Catalina_89 (A9), CogOmlette_84 (A9), Conquerage_85 (A9), Eidsmoe_85 (A9), Elephantoon_87 (A9), ExplosioNervosa_85 (A9), Halex_86 (A9), HortumSL17_88 (A9), Lilleskat_84 (A9), Minispark_84 (A9), Myxus_87 (A9), Onglai_85 (A9), Phaeder_87 (A9), Phonnegut_87 (A9), Pioneer_87 (A9), Priya_85 (A9), Qobbit_85 (A9), Scherzo_85 (A9), Ugenie5_74 (A9), WorldCup_85 (A9),

Start 112:

- Found in 55 of 764 (7.2%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 1.8% of time when present
- Phage (with cluster) where this start called: Stink_74 (A4),

Start 113:

- Found in 150 of 764 (19.6%) of genes in pham
- Manual Annotations of this start: 3 of 672
- Called 2.7% of time when present
- Phage (with cluster) where this start called: DelvinSonDorr_79 (A6), Jordennis_81 (A6), Priamo_85 (A6), SuperCallie99_80 (A6),

Start 116:

- Found in 97 of 764 (12.7%) of genes in pham
- Manual Annotations of this start: 1 of 672
- Called 2.1% of time when present
- Phage (with cluster) where this start called: EricB_82 (A6), Sunhee_83 (A14),

Start 118:

- Found in 271 of 764 (35.5%) of genes in pham
- Manual Annotations of this start: 2 of 672
- Called 1.5% of time when present
- Phage (with cluster) where this start called: Charm_82 (A9), DreamTeam1_82 (A9), Klodlith_83 (A9), MegTheThird_83 (A9),

Start 129:

- Found in 25 of 764 (3.3%) of genes in pham
- Manual Annotations of this start: 22 of 672
- Called 88.0% of time when present

- Phage (with cluster) where this start called: Artemis2UCLA_83 (A6), BlessJoy_84 (A6), Blue7_85 (A6), CloudWang3_84 (A6), Gladiator_80 (A6), Gruunaga_83 (A6), Hammer_84 (A6), Helmet_86 (A6), Hexamo_83 (A6), Indra_87 (A6), Koko_85 (A6), Lilbunny_83 (A6), Rifter_84 (A6), Roksolana_84 (A6), Temprado_85 (A6), ToneTone_81 (A6), Tucker_84 (A6), Wiks_83 (A6), WunderPhul_84 (A6), Yokurt_83 (A6), Zaka_84 (A6), Zulu_85 (A6),

Start 134:

- Found in 24 of 764 (3.1%) of genes in pham
- No Manual Annotations of this start.
- Called 8.3% of time when present
- Phage (with cluster) where this start called: BennyP_83 (A6), Garak_85 (A6),

Summary by clusters:

There are 17 clusters represented in this pham: A14, A22, A16, A11, A10, A12, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A17,

Info for manual annotations of cluster A1:

- Start number 75 was manually annotated 1 time for cluster A1.
- Start number 86 was manually annotated 2 times for cluster A1.
- Start number 89 was manually annotated 205 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 87 was manually annotated 11 times for cluster A10.
- Start number 92 was manually annotated 3 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 91 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 92 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 101 was manually annotated 3 times for cluster A14.

Info for manual annotations of cluster A16:

- Start number 92 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 94 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 79 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 71 was manually annotated 4 times for cluster A2.
- Start number 73 was manually annotated 3 times for cluster A2.
- Start number 78 was manually annotated 24 times for cluster A2.
- Start number 79 was manually annotated 37 times for cluster A2.
- Start number 81 was manually annotated 6 times for cluster A2.
- Start number 83 was manually annotated 1 time for cluster A2.

- Start number 92 was manually annotated 2 times for cluster A2.
- Start number 93 was manually annotated 15 times for cluster A2.

Info for manual annotations of cluster A22:

- Start number 93 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

- Start number 103 was manually annotated 7 times for cluster A3.
- Start number 104 was manually annotated 62 times for cluster A3.
- Start number 105 was manually annotated 23 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 58 was manually annotated 1 time for cluster A4.
- Start number 66 was manually annotated 2 times for cluster A4.
- Start number 67 was manually annotated 7 times for cluster A4.
- Start number 74 was manually annotated 1 time for cluster A4.
- Start number 78 was manually annotated 122 times for cluster A4.
- Start number 83 was manually annotated 1 time for cluster A4.
- Start number 112 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:

- Start number 85 was manually annotated 1 time for cluster A5.
- Start number 91 was manually annotated 8 times for cluster A5.
- Start number 94 was manually annotated 1 time for cluster A5.

Info for manual annotations of cluster A6:

- Start number 60 was manually annotated 1 time for cluster A6.
- Start number 78 was manually annotated 17 times for cluster A6.
- Start number 113 was manually annotated 3 times for cluster A6.
- Start number 116 was manually annotated 1 time for cluster A6.
- Start number 129 was manually annotated 22 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 62 was manually annotated 1 time for cluster A7.
- Start number 78 was manually annotated 3 times for cluster A7.
- Start number 105 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A9:

- Start number 92 was manually annotated 14 times for cluster A9.
- Start number 93 was manually annotated 1 time for cluster A9.
- Start number 107 was manually annotated 17 times for cluster A9.
- Start number 118 was manually annotated 2 times for cluster A9.

Gene Information:

Gene: 20ES_85 Start: 47721, Stop: 47398, Start Num: 73

Candidate Starts for 20ES_85:

(Start: 73 @47721 has 3 MA's), (120, 47655), (136, 47613),

Gene: 40AC_78 Start: 47105, Stop: 46806, Start Num: 79

Candidate Starts for 40AC_78:

(Start: 79 @47105 has 38 MA's), (120, 47042), (130, 47018),

Gene: A6_70 Start: 44506, Stop: 44207, Start Num: 89

Candidate Starts for A6_70:

(Start: 89 @44506 has 205 MA's), (Start: 118 @44461 has 2 MA's), (119, 44458), (139, 44389), (150, 44338),

Gene: AFIS_73 Start: 47515, Stop: 47216, Start Num: 89

Candidate Starts for AFIS_73:

(Start: 75 @47545 has 1 MA's), (Start: 89 @47515 has 205 MA's), (Start: 118 @47470 has 2 MA's), (119, 47467), (139, 47398), (150, 47347),

Gene: AN3_83 Start: 45926, Stop: 45603, Start Num: 78

Candidate Starts for AN3_83:

(15, 46256), (16, 46229), (45, 46019), (Start: 78 @45926 has 166 MA's), (Start: 79 @45923 has 38 MA's), (114, 45875), (120, 45860), (136, 45818),

Gene: AN9_82 Start: 46132, Stop: 45854, Start Num: 93

Candidate Starts for AN9_82:

(Start: 93 @46132 has 17 MA's), (114, 46099), (Start: 116 @46093 has 1 MA's), (152, 45958),

Gene: ANI8_82 Start: 46132, Stop: 45854, Start Num: 93

Candidate Starts for ANI8_82:

(Start: 93 @46132 has 17 MA's), (114, 46099), (Start: 116 @46093 has 1 MA's), (152, 45958),

Gene: AbbyPaige_85 Start: 47978, Stop: 47670, Start Num: 78

Candidate Starts for AbbyPaige_85:

(Start: 78 @47978 has 166 MA's), (Start: 79 @47975 has 38 MA's), (114, 47927), (120, 47912), (156, 47753),

Gene: Abbyshoes_76 Start: 46768, Stop: 46469, Start Num: 89

Candidate Starts for Abbyshoes_76:

(Start: 75 @46798 has 1 MA's), (Start: 89 @46768 has 205 MA's), (Start: 118 @46723 has 2 MA's), (119, 46720), (139, 46651), (150, 46600),

Gene: Abdiel_74 Start: 45659, Stop: 45360, Start Num: 78

Candidate Starts for Abdiel_74:

(Start: 78 @45659 has 166 MA's), (Start: 113 @45617 has 3 MA's),

Gene: Abrogate_730 Start: 47383, Stop: 47084, Start Num: 89

Candidate Starts for Abrogate_730:

(Start: 89 @47383 has 205 MA's), (Start: 118 @47338 has 2 MA's), (119, 47335), (139, 47266), (150, 47215),

Gene: Achebe_73 Start: 45705, Stop: 45394, Start Num: 67

Candidate Starts for Achebe_73:

(Start: 66 @45708 has 2 MA's), (Start: 67 @45705 has 7 MA's), (Start: 78 @45687 has 166 MA's), (Start: 79 @45684 has 38 MA's), (114, 45654), (120, 45642), (131, 45603), (142, 45570),

Gene: Acme_80 Start: 48839, Stop: 48540, Start Num: 89

Candidate Starts for Acme_80:

(Start: 75 @48869 has 1 MA's), (Start: 89 @48839 has 205 MA's), (Start: 118 @48794 has 2 MA's), (119, 48791), (139, 48722), (150, 48671),

Gene: Acolyte_77 Start: 46676, Stop: 46365, Start Num: 83

Candidate Starts for Acolyte_77:

(Start: 83 @46676 has 2 MA's),

Gene: Adahisdi_72 Start: 46838, Stop: 46539, Start Num: 89

Candidate Starts for Adahisdi_72:

(64, 46898), (Start: 89 @46838 has 205 MA's), (Start: 118 @46793 has 2 MA's), (119, 46790), (139, 46721), (150, 46670),

Gene: Aeneas_81 Start: 49127, Stop: 48828, Start Num: 89

Candidate Starts for Aeneas_81:

(Start: 75 @49157 has 1 MA's), (Start: 89 @49127 has 205 MA's), (Start: 118 @49082 has 2 MA's), (119, 49079), (139, 49010), (150, 48959),

Gene: Agaliana_74 Start: 45656, Stop: 45357, Start Num: 89

Candidate Starts for Agaliana_74:

(64, 45716), (Start: 89 @45656 has 205 MA's), (Start: 118 @45611 has 2 MA's), (119, 45608), (139, 45539), (150, 45488),

Gene: Agape74_85 Start: 47954, Stop: 47646, Start Num: 78

Candidate Starts for Agape74_85:

(Start: 78 @47954 has 166 MA's), (Start: 79 @47951 has 38 MA's), (120, 47888), (156, 47729),

Gene: Aglet_81 Start: 45628, Stop: 45365, Start Num: 104

Candidate Starts for Aglet_81:

(69, 45691), (77, 45673), (Start: 104 @45628 has 62 MA's), (115, 45607),

Gene: Airmid_73 Start: 44940, Stop: 44644, Start Num: 85

Candidate Starts for Airmid_73:

(Start: 85 @44940 has 1 MA's), (Start: 91 @44928 has 32 MA's), (147, 44796), (150, 44772),

Gene: Ajay_73 Start: 46039, Stop: 45740, Start Num: 89

Candidate Starts for Ajay_73:

(64, 46099), (Start: 89 @46039 has 205 MA's), (Start: 118 @45994 has 2 MA's), (119, 45991), (139, 45922), (150, 45871),

Gene: Albee_75 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for Albee_75:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Alberto7_76 Start: 45984, Stop: 45685, Start Num: 78

Candidate Starts for Alberto7_76:

(Start: 78 @45984 has 166 MA's), (Start: 113 @45942 has 3 MA's),

Gene: Aldrich_68 Start: 45340, Stop: 45041, Start Num: 89

Candidate Starts for Aldrich_68:

(Start: 89 @45340 has 205 MA's), (Start: 118 @45295 has 2 MA's), (119, 45292), (139, 45223), (150, 45172),

Gene: Aliter_80 Start: 45087, Stop: 44821, Start Num: 107

Candidate Starts for Aliter_80:

(Start: 92 @45105 has 27 MA's), (Start: 107 @45087 has 17 MA's), (Start: 116 @45066 has 1 MA's), (147, 44970),

Gene: Alma_85 Start: 47927, Stop: 47664, Start Num: 107

Candidate Starts for Alma_85:

(Start: 92 @47945 has 27 MA's), (Start: 107 @47927 has 17 MA's), (Start: 116 @47906 has 1 MA's), (147, 47810),

Gene: Alsfro_83 Start: 47402, Stop: 47103, Start Num: 89

Candidate Starts for Alsfro_83:

(64, 47462), (Start: 89 @47402 has 205 MA's), (Start: 118 @47357 has 2 MA's), (119, 47354), (139, 47285), (150, 47234),

Gene: Altman_79 Start: 47847, Stop: 47548, Start Num: 89

Candidate Starts for Altman_79:

(Start: 86 @47853 has 2 MA's), (Start: 89 @47847 has 205 MA's), (Start: 118 @47802 has 2 MA's), (119, 47799), (139, 47730), (150, 47679),

Gene: Alvin_74 Start: 46259, Stop: 45960, Start Num: 89

Candidate Starts for Alvin_74:

(64, 46319), (Start: 89 @46259 has 205 MA's), (Start: 118 @46214 has 2 MA's), (119, 46211), (139, 46142), (150, 46091),

Gene: Aneem_85 Start: 46838, Stop: 46542, Start Num: 91

Candidate Starts for Aneem_85:

(Start: 91 @46838 has 32 MA's), (97, 46829), (100, 46826), (115, 46799), (119, 46790), (147, 46700),

Gene: Anglerfish_78 Start: 48170, Stop: 47871, Start Num: 89

Candidate Starts for Anglerfish_78:

(64, 48230), (Start: 89 @48170 has 205 MA's), (Start: 118 @48125 has 2 MA's), (119, 48122), (139, 48053), (150, 48002),

Gene: AnnaL29_85 Start: 48114, Stop: 47815, Start Num: 81

Candidate Starts for AnnaL29_85:

(Start: 81 @48114 has 6 MA's), (90, 48102), (Start: 92 @48099 has 27 MA's), (Start: 93 @48096 has 17 MA's), (Start: 112 @48075 has 1 MA's), (120, 48054),

Gene: Annyong_74 Start: 45692, Stop: 45393, Start Num: 78

Candidate Starts for Annyong_74:

(Start: 78 @45692 has 166 MA's), (Start: 113 @45650 has 3 MA's),

Gene: Anselm_84 Start: 47862, Stop: 47560, Start Num: 79

Candidate Starts for Anselm_84:

(Start: 79 @47862 has 38 MA's), (Start: 112 @47823 has 1 MA's), (114, 47817), (156, 47643),

Gene: Anubis_84 Start: 45514, Stop: 45251, Start Num: 104

Candidate Starts for Anubis_84:

(69, 45577), (77, 45559), (Start: 104 @45514 has 62 MA's), (115, 45493),

Gene: Applejack_75 Start: 45021, Stop: 44722, Start Num: 89

Candidate Starts for Applejack_75:

(25, 45228), (27, 45201), (39, 45159), (41, 45156), (49, 45129), (53, 45117), (56, 45108), (59, 45093), (80, 45039), (Start: 89 @45021 has 205 MA's), (Start: 118 @44976 has 2 MA's), (119, 44973), (139,

44904), (150, 44853),

Gene: Arcanine_80 Start: 48772, Stop: 48473, Start Num: 89

Candidate Starts for Arcanine_80:

(64, 48832), (Start: 89 @48772 has 205 MA's), (Start: 118 @48727 has 2 MA's), (119, 48724), (139, 48655), (150, 48604),

Gene: ArcherNM_78 Start: 47236, Stop: 46946, Start Num: 92

Candidate Starts for ArcherNM_78:

(Start: 92 @47236 has 27 MA's), (Start: 107 @47215 has 17 MA's), (109, 47212),

Gene: Arissanae_82 Start: 47825, Stop: 47556, Start Num: 92

Candidate Starts for Arissanae_82:

(Start: 92 @47825 has 27 MA's), (Start: 107 @47807 has 17 MA's), (Start: 116 @47786 has 1 MA's), (Start: 118 @47783 has 2 MA's), (148, 47687),

Gene: Arlo_76 Start: 47562, Stop: 47263, Start Num: 89

Candidate Starts for Arlo_76:

(Start: 75 @47592 has 1 MA's), (Start: 89 @47562 has 205 MA's), (Start: 118 @47517 has 2 MA's), (119, 47514), (139, 47445), (150, 47394),

Gene: Artemis2UCLA_83 Start: 45479, Stop: 45216, Start Num: 129

Candidate Starts for Artemis2UCLA_83:

(24, 45779), (33, 45722), (35, 45719), (50, 45674), (100, 45551), (Start: 129 @45479 has 22 MA's), (134, 45467), (137, 45461), (146, 45422),

Gene: Arturo_72 Start: 45775, Stop: 45476, Start Num: 78

Candidate Starts for Arturo_72:

(Start: 78 @45775 has 166 MA's), (Start: 113 @45733 has 3 MA's),

Gene: Ashballer_78 Start: 47615, Stop: 47316, Start Num: 89

Candidate Starts for Ashballer_78:

(Start: 89 @47615 has 205 MA's), (Start: 118 @47570 has 2 MA's), (119, 47567), (139, 47498), (143, 47486), (150, 47447),

Gene: Atkinbua_82 Start: 48174, Stop: 47875, Start Num: 89

Candidate Starts for Atkinbua_82:

(Start: 86 @48180 has 2 MA's), (Start: 89 @48174 has 205 MA's), (Start: 118 @48129 has 2 MA's), (119, 48126), (139, 48057), (150, 48006),

Gene: AvatarAhPeg_74 Start: 45580, Stop: 45284, Start Num: 78

Candidate Starts for AvatarAhPeg_74:

(Start: 78 @45580 has 166 MA's), (Start: 112 @45559 has 1 MA's), (120, 45541), (141, 45472), (153, 45373),

Gene: Avle17_75 Start: 45641, Stop: 45342, Start Num: 78

Candidate Starts for Avle17_75:

(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: Ayanochan_85 Start: 47710, Stop: 47447, Start Num: 107

Candidate Starts for Ayanochan_85:

(Start: 92 @47728 has 27 MA's), (Start: 107 @47710 has 17 MA's), (Start: 116 @47689 has 1 MA's), (147, 47593),

Gene: B1_69 Start: 43846, Stop: 43562, Start Num: 105

Candidate Starts for B1_69:

(Start: 87 @43867 has 11 MA's), (Start: 103 @43849 has 7 MA's), (Start: 105 @43846 has 24 MA's), (147, 43726), (154, 43642),

Gene: BABullseye_76 Start: 43895, Stop: 43605, Start Num: 78

Candidate Starts for BABullseye_76:

(28, 44039), (38, 44009), (57, 43943), (Start: 60 @43937 has 1 MA's), (Start: 78 @43895 has 166 MA's), (Start: 113 @43853 has 3 MA's), (114, 43850), (Start: 116 @43844 has 1 MA's), (Start: 118 @43841 has 2 MA's), (122, 43832), (142, 43775),

Gene: BK1_70 Start: 44506, Stop: 44207, Start Num: 89

Candidate Starts for BK1_70:

(Start: 89 @44506 has 205 MA's), (Start: 118 @44461 has 2 MA's), (119, 44458), (139, 44389), (150, 44338),

Gene: BPBiebs31_81 Start: 48674, Stop: 48375, Start Num: 89

Candidate Starts for BPBiebs31_81:

(Start: 75 @48704 has 1 MA's), (Start: 89 @48674 has 205 MA's), (Start: 118 @48629 has 2 MA's), (119, 48626), (139, 48557), (150, 48506),

Gene: Baby16_75 Start: 45658, Stop: 45359, Start Num: 78

Candidate Starts for Baby16_75:

(Start: 78 @45658 has 166 MA's), (Start: 113 @45616 has 3 MA's),

Gene: Bachome_82 Start: 45718, Stop: 45422, Start Num: 91

Candidate Starts for Bachome_82:

(Start: 91 @45718 has 32 MA's), (97, 45709), (115, 45679), (119, 45670), (147, 45580),

Gene: BaconJack_78 Start: 48829, Stop: 48530, Start Num: 89

Candidate Starts for BaconJack_78:

(Start: 75 @48859 has 1 MA's), (Start: 89 @48829 has 205 MA's), (Start: 118 @48784 has 2 MA's), (119, 48781), (139, 48712),

Gene: Bactobuster_74 Start: 46579, Stop: 46271, Start Num: 78

Candidate Starts for Bactobuster_74:

(Start: 78 @46579 has 166 MA's), (Start: 113 @46537 has 3 MA's), (131, 46477),

Gene: Badger_73 Start: 45691, Stop: 45395, Start Num: 78

Candidate Starts for Badger_73:

(Start: 66 @45712 has 2 MA's), (Start: 67 @45709 has 7 MA's), (Start: 78 @45691 has 166 MA's), (Start: 79 @45688 has 38 MA's), (114, 45658), (120, 45646), (131, 45607), (142, 45574),

Gene: Baehexic_82 Start: 47345, Stop: 47034, Start Num: 79

Candidate Starts for Baehexic_82:

(Start: 79 @47345 has 38 MA's), (88, 47333), (Start: 112 @47303 has 1 MA's), (114, 47297), (120, 47282),

Gene: BangNhom_72 Start: 46084, Stop: 45785, Start Num: 78

Candidate Starts for BangNhom_72:

(Start: 78 @46084 has 166 MA's), (Start: 113 @46042 has 3 MA's),

Gene: Barriga_83 Start: 47568, Stop: 47269, Start Num: 89

Candidate Starts for Barriga_83:

(25, 47775), (27, 47748), (39, 47706), (41, 47703), (49, 47676), (53, 47664), (56, 47655), (59, 47640), (80, 47586), (Start: 89 @47568 has 205 MA's), (Start: 118 @47523 has 2 MA's), (119, 47520), (139, 47451), (150, 47400),

Gene: BarrowTuph_79 Start: 47875, Stop: 47576, Start Num: 89

Candidate Starts for BarrowTuph_79:

(Start: 75 @47905 has 1 MA's), (Start: 89 @47875 has 205 MA's), (Start: 118 @47830 has 2 MA's), (119, 47827), (139, 47758), (150, 47707),

Gene: Bartimeaus_75 Start: 45649, Stop: 45350, Start Num: 78

Candidate Starts for Bartimeaus_75:

(Start: 78 @45649 has 166 MA's), (Start: 113 @45607 has 3 MA's),

Gene: Beatrix_73 Start: 46834, Stop: 46535, Start Num: 89

Candidate Starts for Beatrix_73:

(64, 46894), (Start: 89 @46834 has 205 MA's), (Start: 118 @46789 has 2 MA's), (119, 46786), (139, 46717), (150, 46666),

Gene: Beauxregard13_79 Start: 45631, Stop: 45368, Start Num: 104

Candidate Starts for Beauxregard13_79:

(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Beemo_87 Start: 47921, Stop: 47658, Start Num: 107

Candidate Starts for Beemo_87:

(Start: 92 @47939 has 27 MA's), (Start: 107 @47921 has 17 MA's), (Start: 116 @47900 has 1 MA's), (147, 47804),

Gene: BeesKnees_77 Start: 45937, Stop: 45638, Start Num: 89

Candidate Starts for BeesKnees_77:

(64, 45997), (Start: 89 @45937 has 205 MA's), (Start: 118 @45892 has 2 MA's), (119, 45889), (139, 45820), (150, 45769),

Gene: Bellris_84 Start: 47439, Stop: 47188, Start Num: 107

Candidate Starts for Bellris_84:

(Start: 92 @47457 has 27 MA's), (Start: 107 @47439 has 17 MA's), (Start: 116 @47418 has 1 MA's),

Gene: BellusTerra_76 Start: 45688, Stop: 45389, Start Num: 78

Candidate Starts for BellusTerra_76:

(Start: 78 @45688 has 166 MA's), (Start: 113 @45646 has 3 MA's),

Gene: Benedict_74 Start: 44660, Stop: 44376, Start Num: 91

Candidate Starts for Benedict_74:

(Start: 85 @44672 has 1 MA's), (Start: 91 @44660 has 32 MA's), (114, 44633), (147, 44528), (150, 44504),

Gene: BengiVuitton_85 Start: 47823, Stop: 47497, Start Num: 78

Candidate Starts for BengiVuitton_85:

(Start: 73 @47826 has 3 MA's), (Start: 78 @47823 has 166 MA's), (Start: 92 @47802 has 27 MA's), (114, 47772), (120, 47757), (136, 47715),

Gene: BennyP_83 Start: 45632, Stop: 45381, Start Num: 134

Candidate Starts for BennyP_83:

(24, 45944), (33, 45887), (35, 45884), (50, 45839), (100, 45716), (Start: 129 @45644 has 22 MA's), (134, 45632), (137, 45626), (146, 45587),

Gene: Benvolio_82 Start: 47539, Stop: 47231, Start Num: 78

Candidate Starts for Benvolio_82:

(9, 48016), (12, 47887), (23, 47737), (40, 47632), (Start: 78 @47539 has 166 MA's), (Start: 79 @47536 has 38 MA's), (Start: 112 @47494 has 1 MA's), (114, 47488), (156, 47314),

Gene: Bethlehem_79 Start: 49714, Stop: 49415, Start Num: 89

Candidate Starts for Bethlehem_79:

(Start: 75 @49744 has 1 MA's), (Start: 89 @49714 has 205 MA's), (Start: 118 @49669 has 2 MA's), (119, 49666), (139, 49597), (150, 49546),

Gene: Bexan_71 Start: 46608, Stop: 46309, Start Num: 89

Candidate Starts for Bexan_71:

(64, 46668), (Start: 89 @46608 has 205 MA's), (Start: 118 @46563 has 2 MA's), (119, 46560), (139, 46491), (150, 46440),

Gene: BiancaTri92_81 Start: 47402, Stop: 47094, Start Num: 78

Candidate Starts for BiancaTri92_81:

(46, 47492), (Start: 78 @47402 has 166 MA's), (Start: 79 @47399 has 38 MA's), (Start: 112 @47357 has 1 MA's), (120, 47336),

Gene: Big3_77 Start: 48641, Stop: 48342, Start Num: 89

Candidate Starts for Big3_77:

(80, 48659), (Start: 89 @48641 has 205 MA's), (Start: 118 @48596 has 2 MA's), (119, 48593), (139, 48524), (150, 48473),

Gene: BigMau_79 Start: 48424, Stop: 48125, Start Num: 89

Candidate Starts for BigMau_79:

(64, 48484), (Start: 89 @48424 has 205 MA's), (Start: 118 @48379 has 2 MA's), (119, 48376), (139, 48307), (150, 48256),

Gene: BigPaolini_74 Start: 45813, Stop: 45508, Start Num: 86

Candidate Starts for BigPaolini_74:

(Start: 86 @45813 has 2 MA's), (Start: 89 @45807 has 205 MA's), (Start: 118 @45762 has 2 MA's), (119, 45759), (139, 45690), (150, 45639),

Gene: Bigchungj_77 Start: 48249, Stop: 47950, Start Num: 89

Candidate Starts for Bigchungj_77:

(64, 48309), (Start: 89 @48249 has 205 MA's), (Start: 118 @48204 has 2 MA's), (119, 48201), (139, 48132), (150, 48081),

Gene: Bigflo_77 Start: 45627, Stop: 45364, Start Num: 104

Candidate Starts for Bigflo_77:

(69, 45690), (77, 45672), (Start: 104 @45627 has 62 MA's), (115, 45606),

Gene: Bigfoot_71 Start: 46904, Stop: 46605, Start Num: 89

Candidate Starts for Bigfoot_71:

(64, 46964), (Start: 89 @46904 has 205 MA's), (Start: 118 @46859 has 2 MA's), (119, 46856), (139, 46787), (150, 46736),

Gene: BillKnuckles_70 Start: 46811, Stop: 46512, Start Num: 89

Candidate Starts for BillKnuckles_70:

(64, 46871), (Start: 89 @46811 has 205 MA's), (Start: 118 @46766 has 2 MA's), (119, 46763), (139, 46694), (150, 46643),

Gene: Bircsak_77 Start: 49499, Stop: 49200, Start Num: 89

Candidate Starts for Bircsak_77:

(64, 49559), (Start: 89 @49499 has 205 MA's), (Start: 118 @49454 has 2 MA's), (119, 49451), (139, 49382), (150, 49331),

Gene: Blackflame_72 Start: 47047, Stop: 46748, Start Num: 89

Candidate Starts for Blackflame_72:

(Start: 89 @47047 has 205 MA's), (Start: 118 @47002 has 2 MA's), (119, 46999), (139, 46930), (150, 46879),

Gene: Blackmoor_74 Start: 45649, Stop: 45350, Start Num: 78

Candidate Starts for Blackmoor_74:

(Start: 78 @45649 has 166 MA's), (Start: 113 @45607 has 3 MA's),

Gene: BlessJoy_84 Start: 46000, Stop: 45737, Start Num: 129

Candidate Starts for BlessJoy_84:

(24, 46300), (33, 46243), (35, 46240), (50, 46195), (100, 46072), (Start: 129 @46000 has 22 MA's), (134, 45988), (137, 45982), (146, 45943),

Gene: Blesser_70 Start: 45160, Stop: 44861, Start Num: 89

Candidate Starts for Blesser_70:

(84, 45169), (Start: 89 @45160 has 205 MA's), (Start: 118 @45115 has 2 MA's), (119, 45112), (139, 45043), (150, 44992),

Gene: Blinn1_87 Start: 46595, Stop: 46263, Start Num: 60

Candidate Starts for Blinn1_87:

(28, 46697), (38, 46667), (57, 46601), (Start: 60 @46595 has 1 MA's), (Start: 78 @46553 has 166 MA's), (114, 46508), (Start: 116 @46502 has 1 MA's), (Start: 118 @46499 has 2 MA's), (122, 46490),

Gene: BluSpix_74 Start: 42363, Stop: 42064, Start Num: 89

Candidate Starts for BluSpix_74:

(Start: 75 @42393 has 1 MA's), (Start: 89 @42363 has 205 MA's), (Start: 118 @42318 has 2 MA's), (119, 42315), (139, 42246), (150, 42195),

Gene: Blue_73 Start: 46715, Stop: 46416, Start Num: 89

Candidate Starts for Blue_73:

(64, 46775), (Start: 89 @46715 has 205 MA's), (Start: 118 @46670 has 2 MA's), (119, 46667), (139, 46598), (150, 46547),

Gene: Blue7_85 Start: 45698, Stop: 45435, Start Num: 129

Candidate Starts for Blue7_85:

(24, 45998), (33, 45941), (35, 45938), (50, 45893), (100, 45770), (Start: 129 @45698 has 22 MA's), (134, 45686), (137, 45680), (146, 45641),

Gene: BlueBird_81 Start: 46036, Stop: 45764, Start Num: 105

Candidate Starts for BlueBird_81:

(Start: 105 @46036 has 24 MA's),

Gene: Bob3_77 Start: 47691, Stop: 47392, Start Num: 89
Candidate Starts for Bob3_77:
(64, 47751), (Start: 89 @47691 has 205 MA's), (Start: 118 @47646 has 2 MA's), (119, 47643), (139, 47574), (150, 47523),

Gene: BobSwaget_77 Start: 45351, Stop: 45037, Start Num: 71
Candidate Starts for BobSwaget_77:
(Start: 71 @45351 has 4 MA's), (Start: 93 @45324 has 17 MA's), (102, 45315),

Gene: BogosyJay_86 Start: 47989, Stop: 47711, Start Num: 92
Candidate Starts for BogosyJay_86:
(Start: 92 @47989 has 27 MA's), (Start: 116 @47950 has 1 MA's),

Gene: Bombshell_75 Start: 45644, Stop: 45345, Start Num: 78
Candidate Starts for Bombshell_75:
(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Bones_72 Start: 46997, Stop: 46698, Start Num: 89
Candidate Starts for Bones_72:
(64, 47057), (Start: 89 @46997 has 205 MA's), (Start: 118 @46952 has 2 MA's), (119, 46949), (139, 46880), (150, 46829),

Gene: Bowtie_81 Start: 45445, Stop: 45149, Start Num: 91
Candidate Starts for Bowtie_81:
(Start: 91 @45445 has 32 MA's), (97, 45436), (100, 45433), (115, 45406), (119, 45397), (147, 45307),

Gene: Bradman_86 Start: 46814, Stop: 46539, Start Num: 93
Candidate Starts for Bradman_86:
(22, 47063), (Start: 93 @46814 has 17 MA's), (109, 46793), (114, 46781),

Gene: Briton15_79 Start: 48077, Stop: 47778, Start Num: 89
Candidate Starts for Briton15_79:
(64, 48137), (Start: 89 @48077 has 205 MA's), (Start: 118 @48032 has 2 MA's), (119, 48029), (139, 47960), (150, 47909),

Gene: Broseidon_75 Start: 45650, Stop: 45351, Start Num: 78
Candidate Starts for Broseidon_75:
(Start: 78 @45650 has 166 MA's), (Start: 113 @45608 has 3 MA's),

Gene: Bruiser_74 Start: 45647, Stop: 45348, Start Num: 78
Candidate Starts for Bruiser_74:
(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Bruns_79 Start: 46940, Stop: 46641, Start Num: 89
Candidate Starts for Bruns_79:
(64, 47000), (Start: 89 @46940 has 205 MA's), (Start: 118 @46895 has 2 MA's), (119, 46892), (139, 46823), (150, 46772),

Gene: BubbleTrouble_74 Start: 45674, Stop: 45375, Start Num: 78
Candidate Starts for BubbleTrouble_74:
(Start: 78 @45674 has 166 MA's), (Start: 113 @45632 has 3 MA's),

Gene: Bud_79 Start: 45275, Stop: 44979, Start Num: 91

Candidate Starts for Bud_79:

(Start: 91 @45275 has 32 MA's), (97, 45266), (100, 45263), (115, 45236), (119, 45227), (147, 45137),

Gene: Bugatti_79 Start: 46036, Stop: 45764, Start Num: 105

Candidate Starts for Bugatti_79:

(Start: 105 @46036 has 24 MA's),

Gene: Bumblebee11_73 Start: 45711, Stop: 45397, Start Num: 66

Candidate Starts for Bumblebee11_73:

(Start: 66 @45711 has 2 MA's), (Start: 67 @45708 has 7 MA's), (Start: 78 @45690 has 166 MA's),
(Start: 79 @45687 has 38 MA's), (114, 45657), (120, 45645), (131, 45606), (142, 45573),

Gene: Burger_73 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for Burger_73:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Burton_77 Start: 49106, Stop: 48807, Start Num: 89

Candidate Starts for Burton_77:

(Start: 75 @49136 has 1 MA's), (Start: 89 @49106 has 205 MA's), (Start: 118 @49061 has 2 MA's),
(119, 49058), (139, 48989), (150, 48938),

Gene: Buttons_73 Start: 45207, Stop: 44908, Start Num: 89

Candidate Starts for Buttons_73:

(Start: 89 @45207 has 205 MA's), (Start: 118 @45162 has 2 MA's), (119, 45159), (139, 45090), (150,
45039),

Gene: BuzzBuzz_74 Start: 45656, Stop: 45393, Start Num: 104

Candidate Starts for BuzzBuzz_74:

(69, 45719), (77, 45701), (Start: 104 @45656 has 62 MA's), (115, 45635),

Gene: Bxb1_70 Start: 45323, Stop: 45024, Start Num: 89

Candidate Starts for Bxb1_70:

(Start: 89 @45323 has 205 MA's), (Start: 118 @45278 has 2 MA's), (119, 45275), (139, 45206), (150,
45155),

Gene: Bxz2_75 Start: 45663, Stop: 45400, Start Num: 104

Candidate Starts for Bxz2_75:

(69, 45726), (77, 45708), (Start: 104 @45663 has 62 MA's), (115, 45642),

Gene: C3_75 Start: 46132, Stop: 45854, Start Num: 93

Candidate Starts for C3_75:

(Start: 93 @46132 has 17 MA's), (114, 46099), (Start: 116 @46093 has 1 MA's), (152, 45958),

Gene: CRB1_84 Start: 47974, Stop: 47651, Start Num: 73

Candidate Starts for CRB1_84:

(Start: 73 @47974 has 3 MA's), (120, 47908), (136, 47866),

Gene: CactusRose_79 Start: 47921, Stop: 47622, Start Num: 89

Candidate Starts for CactusRose_79:

(64, 47981), (Start: 89 @47921 has 205 MA's), (Start: 118 @47876 has 2 MA's), (119, 47873), (139,
47804), (150, 47753),

Gene: Caelakin_73 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for Caelakin_73:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Calvinny_77 Start: 45439, Stop: 45176, Start Num: 104

Candidate Starts for Calvinny_77:

(69, 45502), (77, 45484), (Start: 104 @45439 has 62 MA's), (115, 45418),

Gene: Camperdownii_73 Start: 45334, Stop: 45020, Start Num: 67

Candidate Starts for Camperdownii_73:

(Start: 66 @45337 has 2 MA's), (Start: 67 @45334 has 7 MA's), (Start: 78 @45316 has 166 MA's),
(Start: 79 @45313 has 38 MA's), (120, 45271), (131, 45232),

Gene: Candra_81 Start: 45632, Stop: 45300, Start Num: 60

Candidate Starts for Candra_81:

(28, 45734), (38, 45704), (57, 45638), (Start: 60 @45632 has 1 MA's), (Start: 78 @45590 has 166
MA's), (Start: 113 @45548 has 3 MA's), (114, 45545), (Start: 116 @45539 has 1 MA's), (Start: 118
@45536 has 2 MA's), (122, 45527), (142, 45470), (145, 45455),

Gene: Carlyle_77 Start: 46395, Stop: 46096, Start Num: 89

Candidate Starts for Carlyle_77:

(64, 46455), (Start: 89 @46395 has 205 MA's), (Start: 118 @46350 has 2 MA's), (119, 46347), (139,
46278), (150, 46227),

Gene: CartmannCramer_72 Start: 47850, Stop: 47551, Start Num: 89

Candidate Starts for CartmannCramer_72:

(Start: 75 @47880 has 1 MA's), (Start: 89 @47850 has 205 MA's), (Start: 118 @47805 has 2 MA's),
(119, 47802), (139, 47733), (143, 47721), (150, 47682),

Gene: CatBus_68 Start: 45532, Stop: 45233, Start Num: 89

Candidate Starts for CatBus_68:

(Start: 89 @45532 has 205 MA's), (Start: 118 @45487 has 2 MA's), (119, 45484), (139, 45415), (150,
45364),

Gene: Catalina_89 Start: 48034, Stop: 47768, Start Num: 107

Candidate Starts for Catalina_89:

(Start: 92 @48052 has 27 MA's), (Start: 107 @48034 has 17 MA's), (Start: 116 @48013 has 1 MA's),
(147, 47917),

Gene: Centaur_83 Start: 47223, Stop: 46912, Start Num: 79

Candidate Starts for Centaur_83:

(Start: 79 @47223 has 38 MA's), (88, 47211), (Start: 112 @47181 has 1 MA's), (114, 47175), (120,
47160),

Gene: CentreCat_75 Start: 45687, Stop: 45388, Start Num: 78

Candidate Starts for CentreCat_75:

(Start: 78 @45687 has 166 MA's), (Start: 113 @45645 has 3 MA's),

Gene: Cerulean_77 Start: 46085, Stop: 45786, Start Num: 78

Candidate Starts for Cerulean_77:

(Start: 78 @46085 has 166 MA's), (Start: 113 @46043 has 3 MA's),

Gene: Chadwick_74 Start: 44404, Stop: 44120, Start Num: 91

Candidate Starts for Chadwick_74:

(Start: 85 @44416 has 1 MA's), (Start: 91 @44404 has 32 MA's), (114, 44377), (147, 44272), (150, 44248),

Gene: ChampagnePapi_78 Start: 46087, Stop: 45785, Start Num: 78

Candidate Starts for ChampagnePapi_78:

(Start: 78 @46087 has 166 MA's), (Start: 113 @46045 has 3 MA's), (142, 45967),

Gene: Chanagan_73 Start: 45356, Stop: 45057, Start Num: 89

Candidate Starts for Chanagan_73:

(64, 45416), (Start: 89 @45356 has 205 MA's), (Start: 118 @45311 has 2 MA's), (119, 45308), (139, 45239), (150, 45188),

Gene: Changeling_82 Start: 47917, Stop: 47612, Start Num: 81

Candidate Starts for Changeling_82:

(Start: 81 @47917 has 6 MA's), (90, 47905), (Start: 92 @47902 has 27 MA's), (Start: 93 @47899 has 17 MA's), (Start: 112 @47878 has 1 MA's), (120, 47857),

Gene: Chaph_75 Start: 45658, Stop: 45359, Start Num: 78

Candidate Starts for Chaph_75:

(Start: 78 @45658 has 166 MA's), (Start: 113 @45616 has 3 MA's),

Gene: Chargerpower_83 Start: 45994, Stop: 45686, Start Num: 93

Candidate Starts for Chargerpower_83:

(22, 46240), (Start: 93 @45994 has 17 MA's), (119, 45949), (121, 45946), (147, 45856),

Gene: Charm_82 Start: 47297, Stop: 47064, Start Num: 118

Candidate Starts for Charm_82:

(22, 47579), (Start: 92 @47333 has 27 MA's), (Start: 118 @47297 has 2 MA's),

Gene: Chartreuse_82 Start: 44901, Stop: 44611, Start Num: 78

Candidate Starts for Chartreuse_82:

(28, 45045), (38, 45015), (57, 44949), (Start: 60 @44943 has 1 MA's), (Start: 78 @44901 has 166 MA's), (Start: 113 @44859 has 3 MA's), (114, 44856), (Start: 116 @44850 has 1 MA's), (Start: 118 @44847 has 2 MA's), (122, 44838), (142, 44781),

Gene: ChipMunk_84 Start: 48884, Stop: 48579, Start Num: 78

Candidate Starts for ChipMunk_84:

(Start: 78 @48884 has 166 MA's), (Start: 112 @48845 has 1 MA's), (114, 48839), (156, 48665),

Gene: ChristmasHams_67 Start: 43552, Stop: 43253, Start Num: 89

Candidate Starts for ChristmasHams_67:

(Start: 86 @43558 has 2 MA's), (Start: 89 @43552 has 205 MA's), (Start: 118 @43507 has 2 MA's), (119, 43504), (139, 43435), (150, 43384),

Gene: Chupacabra_80 Start: 48379, Stop: 48086, Start Num: 87

Candidate Starts for Chupacabra_80:

(13, 48739), (20, 48643), (Start: 87 @48379 has 11 MA's), (123, 48325),

Gene: Ciao_73 Start: 45516, Stop: 45217, Start Num: 89

Candidate Starts for Ciao_73:

(64, 45576), (Start: 89 @45516 has 205 MA's), (Start: 118 @45471 has 2 MA's), (119, 45468), (139, 45399), (150, 45348),

Gene: Cici_74 Start: 45723, Stop: 45412, Start Num: 67

Candidate Starts for Cici_74:

(Start: 66 @45726 has 2 MA's), (Start: 67 @45723 has 7 MA's), (Start: 78 @45705 has 166 MA's),
(Start: 79 @45702 has 38 MA's), (114, 45672), (120, 45660), (131, 45621), (142, 45588),

Gene: Cindaradix_70 Start: 45542, Stop: 45246, Start Num: 78

Candidate Starts for Cindaradix_70:

(Start: 78 @45542 has 166 MA's), (Start: 112 @45521 has 1 MA's), (120, 45503),

Gene: Cintron_76 Start: 45786, Stop: 45499, Start Num: 83

Candidate Starts for Cintron_76:

(21, 46035), (37, 45912), (Start: 67 @45819 has 7 MA's), (Start: 74 @45804 has 1 MA's), (76, 45801),
(Start: 83 @45786 has 2 MA's),

Gene: Citius_75 Start: 45668, Stop: 45369, Start Num: 78

Candidate Starts for Citius_75:

(Start: 78 @45668 has 166 MA's), (Start: 113 @45626 has 3 MA's),

Gene: Clammy_79 Start: 46036, Stop: 45764, Start Num: 105

Candidate Starts for Clammy_79:

(Start: 105 @46036 has 24 MA's),

Gene: Clarenza_74 Start: 45644, Stop: 45345, Start Num: 78

Candidate Starts for Clarenza_74:

(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: CloudWang3_84 Start: 46008, Stop: 45697, Start Num: 129

Candidate Starts for CloudWang3_84:

(14, 46461), (32, 46254), (35, 46248), (100, 46080), (Start: 129 @46008 has 22 MA's), (133, 45990),
(134, 45987), (135, 45984), (138, 45972), (140, 45966), (141, 45963), (146, 45942), (151, 45906),

Gene: ClownCar_77 Start: 45434, Stop: 45171, Start Num: 104

Candidate Starts for ClownCar_77:

(69, 45497), (77, 45479), (Start: 104 @45434 has 62 MA's), (115, 45413),

Gene: Cocoaberry_75 Start: 45648, Stop: 45349, Start Num: 78

Candidate Starts for Cocoaberry_75:

(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: CogOmlette_84 Start: 47436, Stop: 47185, Start Num: 107

Candidate Starts for CogOmlette_84:

(Start: 92 @47454 has 27 MA's), (Start: 107 @47436 has 17 MA's), (Start: 116 @47415 has 1 MA's),

Gene: Colbster_76 Start: 45631, Stop: 45368, Start Num: 104

Candidate Starts for Colbster_76:

(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Colin_82 Start: 48298, Stop: 47996, Start Num: 79

Candidate Starts for Colin_82:

(Start: 79 @48298 has 38 MA's),

Gene: Commander_73 Start: 45645, Stop: 45346, Start Num: 78

Candidate Starts for Commander_73:

(Start: 78 @45645 has 166 MA's), (Start: 113 @45603 has 3 MA's),

Gene: Conceptll_81 Start: 48948, Stop: 48649, Start Num: 89

Candidate Starts for Conceptll_81:

(Start: 86 @48954 has 2 MA's), (Start: 89 @48948 has 205 MA's), (Start: 118 @48903 has 2 MA's), (119, 48900), (139, 48831), (150, 48780),

Gene: Connomayer_75 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for Connomayer_75:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Conquerage_85 Start: 47696, Stop: 47433, Start Num: 107

Candidate Starts for Conquerage_85:

(Start: 92 @47714 has 27 MA's), (Start: 107 @47696 has 17 MA's), (Start: 116 @47675 has 1 MA's), (147, 47579),

Gene: Cookiedough_83 Start: 46208, Stop: 45918, Start Num: 78

Candidate Starts for Cookiedough_83:

(28, 46352), (38, 46322), (57, 46256), (Start: 60 @46250 has 1 MA's), (Start: 78 @46208 has 166 MA's), (Start: 113 @46166 has 3 MA's), (114, 46163), (Start: 116 @46157 has 1 MA's), (Start: 118 @46154 has 2 MA's), (122, 46145), (142, 46088),

Gene: Corvo_78 Start: 48597, Stop: 48298, Start Num: 89

Candidate Starts for Corvo_78:

(Start: 75 @48627 has 1 MA's), (Start: 89 @48597 has 205 MA's), (Start: 118 @48552 has 2 MA's), (119, 48549), (139, 48480), (150, 48429),

Gene: Crispicous1_71 Start: 45038, Stop: 44739, Start Num: 89

Candidate Starts for Crispicous1_71:

(64, 45098), (Start: 89 @45038 has 205 MA's), (Start: 118 @44993 has 2 MA's), (119, 44990), (139, 44921), (150, 44870),

Gene: Croquant_77 Start: 45628, Stop: 45365, Start Num: 104

Candidate Starts for Croquant_77:

(69, 45691), (77, 45673), (Start: 104 @45628 has 62 MA's), (115, 45607),

Gene: Crucio_83 Start: 47825, Stop: 47466, Start Num: 79

Candidate Starts for Crucio_83:

(Start: 79 @47825 has 38 MA's), (114, 47777), (120, 47762), (156, 47552),

Gene: Cullens_81 Start: 45630, Stop: 45367, Start Num: 104

Candidate Starts for Cullens_81:

(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: DBQu4n_83 Start: 47177, Stop: 46899, Start Num: 93

Candidate Starts for DBQu4n_83:

(Start: 93 @47177 has 17 MA's), (114, 47144), (Start: 116 @47138 has 1 MA's), (152, 47003),

Gene: DD5_74 Start: 47123, Stop: 46824, Start Num: 89

Candidate Starts for DD5_74:

(64, 47183), (Start: 89 @47123 has 205 MA's), (Start: 118 @47078 has 2 MA's), (119, 47075), (139, 47006), (150, 46955),

Gene: DaVinci_81 Start: 44955, Stop: 44665, Start Num: 78
Candidate Starts for DaVinci_81:
(28, 45099), (38, 45069), (57, 45003), (Start: 60 @44997 has 1 MA's), (Start: 78 @44955 has 166 MA's), (Start: 113 @44913 has 3 MA's), (114, 44910), (Start: 116 @44904 has 1 MA's), (Start: 118 @44901 has 2 MA's), (122, 44892), (142, 44835),

Gene: Daishi_79 Start: 44497, Stop: 44234, Start Num: 104
Candidate Starts for Daishi_79:
(69, 44560), (77, 44542), (Start: 104 @44497 has 62 MA's), (115, 44476),

Gene: Dalmatian_83 Start: 47647, Stop: 47291, Start Num: 79
Candidate Starts for Dalmatian_83:
(Start: 79 @47647 has 38 MA's), (114, 47602), (120, 47587), (156, 47377),

Gene: Darrell_85 Start: 47142, Stop: 46864, Start Num: 92
Candidate Starts for Darrell_85:
(Start: 92 @47142 has 27 MA's), (Start: 107 @47124 has 17 MA's), (Start: 116 @47103 has 1 MA's),

Gene: DARTHPhader_78 Start: 46974, Stop: 46699, Start Num: 92
Candidate Starts for DARTHPhader_78:
(43, 47103), (52, 47070), (55, 47061), (Start: 92 @46974 has 27 MA's), (Start: 107 @46953 has 17 MA's), (Start: 118 @46929 has 2 MA's), (123, 46917),

Gene: Deano_72 Start: 45655, Stop: 45356, Start Num: 78
Candidate Starts for Deano_72:
(Start: 78 @45655 has 166 MA's), (Start: 113 @45613 has 3 MA's),

Gene: DeerParkTS_79 Start: 46270, Stop: 45959, Start Num: 78
Candidate Starts for DeerParkTS_79:
(Start: 78 @46270 has 166 MA's), (Start: 81 @46267 has 6 MA's), (Start: 112 @46228 has 1 MA's), (Start: 113 @46225 has 3 MA's), (136, 46165),

Gene: Deloris_85 Start: 47519, Stop: 47190, Start Num: 73
Candidate Starts for Deloris_85:
(Start: 73 @47519 has 3 MA's), (Start: 78 @47516 has 166 MA's), (Start: 92 @47495 has 27 MA's), (114, 47465), (120, 47450), (136, 47408),

Gene: DelvinSonDorr_79 Start: 45571, Stop: 45323, Start Num: 113
Candidate Starts for DelvinSonDorr_79:
(Start: 78 @45613 has 166 MA's), (Start: 113 @45571 has 3 MA's), (114, 45568), (Start: 116 @45562 has 1 MA's), (Start: 118 @45559 has 2 MA's), (122, 45550), (142, 45493),

Gene: Dexes_77 Start: 49539, Stop: 49240, Start Num: 89
Candidate Starts for Dexes_77:
(25, 49746), (27, 49719), (39, 49677), (41, 49674), (49, 49647), (53, 49635), (56, 49626), (59, 49611), (80, 49557), (Start: 89 @49539 has 205 MA's), (Start: 118 @49494 has 2 MA's), (119, 49491), (139, 49422), (150, 49371),

Gene: Dhanush_75 Start: 45650, Stop: 45351, Start Num: 78
Candidate Starts for Dhanush_75:
(Start: 78 @45650 has 166 MA's), (Start: 113 @45608 has 3 MA's),

Gene: Dieselweasel_81 Start: 45629, Stop: 45366, Start Num: 104

Candidate Starts for Dieselweasel_81:
(69, 45692), (77, 45674), (Start: 104 @45629 has 62 MA's), (115, 45608),

Gene: Dignity_85 Start: 48061, Stop: 47753, Start Num: 78
Candidate Starts for Dignity_85:
(Start: 78 @48061 has 166 MA's), (Start: 79 @48058 has 38 MA's), (114, 48010), (120, 47995), (156, 47836),

Gene: DirtDevil_70 Start: 45340, Stop: 45041, Start Num: 89
Candidate Starts for DirtDevil_70:
(Start: 89 @45340 has 205 MA's), (Start: 118 @45295 has 2 MA's), (119, 45292), (139, 45223), (150, 45172),

Gene: DirtyDunning_74 Start: 45659, Stop: 45360, Start Num: 78
Candidate Starts for DirtyDunning_74:
(Start: 78 @45659 has 166 MA's), (Start: 113 @45617 has 3 MA's),

Gene: DontArgue_78 Start: 47236, Stop: 46952, Start Num: 87
Candidate Starts for DontArgue_78:
(Start: 87 @47236 has 11 MA's),

Gene: Doom_69 Start: 45750, Stop: 45451, Start Num: 89
Candidate Starts for Doom_69:
(Start: 86 @45756 has 2 MA's), (Start: 89 @45750 has 205 MA's), (Start: 118 @45705 has 2 MA's), (119, 45702), (139, 45633), (150, 45582),

Gene: Dorothea_83 Start: 46201, Stop: 45911, Start Num: 78
Candidate Starts for Dorothea_83:
(28, 46345), (38, 46315), (57, 46249), (Start: 60 @46243 has 1 MA's), (Start: 78 @46201 has 166 MA's), (Start: 113 @46159 has 3 MA's), (114, 46156), (Start: 116 @46150 has 1 MA's), (Start: 118 @46147 has 2 MA's), (122, 46138), (142, 46081),

Gene: DrFeelGood_72 Start: 45126, Stop: 44827, Start Num: 89
Candidate Starts for DrFeelGood_72:
(Start: 75 @45156 has 1 MA's), (Start: 89 @45126 has 205 MA's), (Start: 118 @45081 has 2 MA's), (119, 45078), (139, 45009), (150, 44958),

Gene: Drake55_84 Start: 47474, Stop: 47163, Start Num: 79
Candidate Starts for Drake55_84:
(Start: 79 @47474 has 38 MA's), (88, 47462), (Start: 112 @47432 has 1 MA's), (114, 47426), (120, 47411),

Gene: Drake94_80 Start: 47533, Stop: 47246, Start Num: 87
Candidate Starts for Drake94_80:
(2, 48340), (3, 48319), (4, 48307), (13, 47893), (20, 47797), (Start: 87 @47533 has 11 MA's), (Start: 101 @47518 has 3 MA's), (114, 47500),

Gene: DreamCatcher_80 Start: 47927, Stop: 47628, Start Num: 89
Candidate Starts for DreamCatcher_80:
(64, 47987), (Start: 89 @47927 has 205 MA's), (Start: 118 @47882 has 2 MA's), (119, 47879), (139, 47810), (150, 47759),

Gene: DreamTeam1_82 Start: 47145, Stop: 46912, Start Num: 118

Candidate Starts for DreamTeam1_82:

(22, 47427), (Start: 92 @47181 has 27 MA's), (Start: 118 @47145 has 2 MA's),

Gene: Dreamboat_76 Start: 45409, Stop: 45110, Start Num: 89

Candidate Starts for Dreamboat_76:

(64, 45469), (Start: 89 @45409 has 205 MA's), (Start: 118 @45364 has 2 MA's), (119, 45361), (139, 45292), (150, 45241),

Gene: DroogsArmy_74 Start: 48703, Stop: 48410, Start Num: 78

Candidate Starts for DroogsArmy_74:

(29, 48850), (36, 48817), (Start: 78 @48703 has 166 MA's), (99, 48673), (120, 48643),

Gene: DropBear_77 Start: 45965, Stop: 45681, Start Num: 105

Candidate Starts for DropBear_77:

(Start: 105 @45965 has 24 MA's), (154, 45761),

Gene: Druantia_74 Start: 45650, Stop: 45351, Start Num: 78

Candidate Starts for Druantia_74:

(Start: 78 @45650 has 166 MA's),

Gene: DudeLittle_81 Start: 47365, Stop: 47060, Start Num: 79

Candidate Starts for DudeLittle_81:

(Start: 79 @47365 has 38 MA's), (114, 47320), (120, 47305), (136, 47263), (156, 47146),

Gene: Dulcie_77 Start: 49203, Stop: 48904, Start Num: 89

Candidate Starts for Dulcie_77:

(Start: 75 @49233 has 1 MA's), (Start: 89 @49203 has 205 MA's), (Start: 118 @49158 has 2 MA's), (119, 49155), (139, 49086), (150, 49035),

Gene: Duplo_84 Start: 47234, Stop: 46956, Start Num: 93

Candidate Starts for Duplo_84:

(Start: 93 @47234 has 17 MA's), (114, 47201), (Start: 116 @47195 has 1 MA's), (152, 47060),

Gene: Dussy_75 Start: 46788, Stop: 46489, Start Num: 89

Candidate Starts for Dussy_75:

(Start: 75 @46818 has 1 MA's), (Start: 89 @46788 has 205 MA's), (Start: 118 @46743 has 2 MA's), (119, 46740), (139, 46671), (150, 46620),

Gene: DustyMartin_86 Start: 48631, Stop: 48341, Start Num: 87

Candidate Starts for DustyMartin_86:

(Start: 87 @48631 has 11 MA's),

Gene: Dynamix_76 Start: 45843, Stop: 45544, Start Num: 89

Candidate Starts for Dynamix_76:

(64, 45903), (Start: 89 @45843 has 205 MA's), (Start: 118 @45798 has 2 MA's), (119, 45795), (139, 45726), (150, 45675),

Gene: EZMoney23_79 Start: 46912, Stop: 46625, Start Num: 92

Candidate Starts for EZMoney23_79:

(19, 47167), (Start: 79 @46927 has 38 MA's), (Start: 92 @46912 has 27 MA's), (Start: 93 @46909 has 17 MA's), (Start: 112 @46888 has 1 MA's),

Gene: Eagle_74 Start: 45709, Stop: 45410, Start Num: 78

Candidate Starts for Eagle_74:
(Start: 78 @45709 has 166 MA's),

Gene: EagleEye_83 Start: 46835, Stop: 46572, Start Num: 92
Candidate Starts for EagleEye_83:
(8, 47399), (22, 47081), (Start: 92 @46835 has 27 MA's), (Start: 116 @46799 has 1 MA's), (Start: 118 @46796 has 2 MA's),

Gene: Eapen_75 Start: 45642, Stop: 45343, Start Num: 78
Candidate Starts for Eapen_75:
(48, 45714), (Start: 78 @45642 has 166 MA's), (Start: 113 @45600 has 3 MA's),

Gene: Ebony_84 Start: 46409, Stop: 46113, Start Num: 91
Candidate Starts for Ebony_84:
(Start: 91 @46409 has 32 MA's), (97, 46400), (115, 46370), (119, 46361), (147, 46271),

Gene: Echild_85 Start: 47560, Stop: 47255, Start Num: 79
Candidate Starts for Echild_85:
(9, 48040), (12, 47911), (23, 47761), (40, 47656), (Start: 78 @47563 has 166 MA's), (Start: 79 @47560 has 38 MA's), (Start: 112 @47518 has 1 MA's), (114, 47512), (156, 47338),

Gene: EdogawaKiddo_86 Start: 48016, Stop: 47735, Start Num: 92
Candidate Starts for EdogawaKiddo_86:
(Start: 92 @48016 has 27 MA's), (Start: 116 @47977 has 1 MA's), (147, 47881),

Gene: Edtherson_75 Start: 47019, Stop: 46720, Start Num: 89
Candidate Starts for Edtherson_75:
(64, 47079), (Start: 89 @47019 has 205 MA's), (Start: 118 @46974 has 2 MA's), (119, 46971), (139, 46902), (150, 46851),

Gene: Eidsmoe_85 Start: 47688, Stop: 47425, Start Num: 107
Candidate Starts for Eidsmoe_85:
(Start: 92 @47706 has 27 MA's), (Start: 107 @47688 has 17 MA's), (Start: 116 @47667 has 1 MA's), (147, 47571),

Gene: EITiger69_76 Start: 45331, Stop: 45047, Start Num: 91
Candidate Starts for EITiger69_76:
(Start: 85 @45343 has 1 MA's), (Start: 91 @45331 has 32 MA's), (114, 45304), (147, 45199), (150, 45175),

Gene: Elephantoon_87 Start: 47851, Stop: 47588, Start Num: 107
Candidate Starts for Elephantoon_87:
(Start: 92 @47869 has 27 MA's), (Start: 107 @47851 has 17 MA's), (Start: 116 @47830 has 1 MA's),

Gene: EmyBug_84 Start: 47708, Stop: 47427, Start Num: 92
Candidate Starts for EmyBug_84:
(Start: 92 @47708 has 27 MA's), (Start: 107 @47690 has 17 MA's), (Start: 116 @47669 has 1 MA's), (147, 47573),

Gene: EnzoK_77 Start: 45129, Stop: 44830, Start Num: 89
Candidate Starts for EnzoK_77:
(Start: 75 @45159 has 1 MA's), (Start: 89 @45129 has 205 MA's), (Start: 118 @45084 has 2 MA's), (119, 45081), (139, 45012), (150, 44961),

Gene: EpicPhail_81 Start: 45631, Stop: 45368, Start Num: 104
Candidate Starts for EpicPhail_81:
(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Equemioh13_83 Start: 47452, Stop: 47141, Start Num: 79
Candidate Starts for Equemioh13_83:
(Start: 79 @47452 has 38 MA's), (88, 47440), (Start: 112 @47410 has 1 MA's), (114, 47404), (120, 47389),

Gene: EricB_82 Start: 45496, Stop: 45257, Start Num: 116
Candidate Starts for EricB_82:
(Start: 78 @45547 has 166 MA's), (Start: 113 @45505 has 3 MA's), (114, 45502), (Start: 116 @45496 has 1 MA's), (Start: 118 @45493 has 2 MA's), (122, 45484), (142, 45427),

Gene: Eris_74 Start: 45659, Stop: 45360, Start Num: 78
Candidate Starts for Eris_74:
(Start: 78 @45659 has 166 MA's), (Start: 113 @45617 has 3 MA's),

Gene: Eros_75 Start: 45649, Stop: 45350, Start Num: 78
Candidate Starts for Eros_75:
(Start: 78 @45649 has 166 MA's), (Start: 113 @45607 has 3 MA's),

Gene: Espresso_70 Start: 45691, Stop: 45392, Start Num: 89
Candidate Starts for Espresso_70:
(Start: 75 @45721 has 1 MA's), (Start: 89 @45691 has 205 MA's), (Start: 118 @45646 has 2 MA's), (119, 45643), (139, 45574), (150, 45523),

Gene: Et2Brutus_83 Start: 46372, Stop: 46076, Start Num: 91
Candidate Starts for Et2Brutus_83:
(Start: 91 @46372 has 32 MA's), (97, 46363), (115, 46333), (119, 46324), (147, 46234),

Gene: EtoileNova_77 Start: 46002, Stop: 45724, Start Num: 105
Candidate Starts for EtoileNova_77:
(Start: 87 @46023 has 11 MA's), (Start: 103 @46005 has 7 MA's), (Start: 105 @46002 has 24 MA's),

Gene: Euphoria_77 Start: 47608, Stop: 47309, Start Num: 89
Candidate Starts for Euphoria_77:
(Start: 75 @47638 has 1 MA's), (Start: 89 @47608 has 205 MA's), (Start: 118 @47563 has 2 MA's), (119, 47560), (139, 47491),

Gene: Eurydice_76 Start: 45684, Stop: 45385, Start Num: 78
Candidate Starts for Eurydice_76:
(Start: 78 @45684 has 166 MA's), (Start: 113 @45642 has 3 MA's),

Gene: EvilGenius_83 Start: 48885, Stop: 48580, Start Num: 78
Candidate Starts for EvilGenius_83:
(Start: 78 @48885 has 166 MA's), (Start: 112 @48846 has 1 MA's), (114, 48840), (156, 48666),

Gene: ExplosioNervosa_85 Start: 47756, Stop: 47493, Start Num: 107
Candidate Starts for ExplosioNervosa_85:
(Start: 92 @47774 has 27 MA's), (Start: 107 @47756 has 17 MA's), (Start: 116 @47735 has 1 MA's), (147, 47639),

Gene: Eyeball_75 Start: 46893, Stop: 46594, Start Num: 89

Candidate Starts for Eyeball_75:

(Start: 75 @46923 has 1 MA's), (Start: 89 @46893 has 205 MA's), (Start: 118 @46848 has 2 MA's), (119, 46845), (139, 46776), (150, 46725),

Gene: Fajezeel_79 Start: 48129, Stop: 47830, Start Num: 89

Candidate Starts for Fajezeel_79:

(Start: 75 @48159 has 1 MA's), (Start: 89 @48129 has 205 MA's), (Start: 118 @48084 has 2 MA's), (119, 48081), (139, 48012), (150, 47961),

Gene: Fameo_81 Start: 47377, Stop: 47072, Start Num: 79

Candidate Starts for Fameo_81:

(Start: 79 @47377 has 38 MA's), (114, 47332), (156, 47158),

Gene: Farber_80 Start: 45617, Stop: 45354, Start Num: 104

Candidate Starts for Farber_80:

(69, 45680), (77, 45662), (Start: 104 @45617 has 62 MA's), (115, 45596),

Gene: Fascinus_72 Start: 47417, Stop: 47118, Start Num: 89

Candidate Starts for Fascinus_72:

(64, 47477), (Start: 89 @47417 has 205 MA's), (Start: 118 @47372 has 2 MA's), (119, 47369), (139, 47300), (150, 47249),

Gene: Fayely_85 Start: 47682, Stop: 47401, Start Num: 92

Candidate Starts for Fayely_85:

(Start: 92 @47682 has 27 MA's), (Start: 107 @47664 has 17 MA's), (Start: 116 @47643 has 1 MA's), (147, 47547),

Gene: Fenn_79 Start: 47948, Stop: 47649, Start Num: 89

Candidate Starts for Fenn_79:

(64, 48008), (Start: 89 @47948 has 205 MA's), (Start: 118 @47903 has 2 MA's), (119, 47900), (139, 47831), (150, 47780),

Gene: Fernando_81 Start: 45630, Stop: 45367, Start Num: 104

Candidate Starts for Fernando_81:

(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: Fibonacci_83 Start: 46378, Stop: 46082, Start Num: 91

Candidate Starts for Fibonacci_83:

(Start: 91 @46378 has 32 MA's), (97, 46369), (115, 46339), (119, 46330), (147, 46240),

Gene: FiringLine_83 Start: 47765, Stop: 47457, Start Num: 79

Candidate Starts for FiringLine_83:

(Start: 79 @47765 has 38 MA's), (114, 47717), (120, 47702), (136, 47660), (156, 47543),

Gene: First_0084 Start: 47621, Stop: 47298, Start Num: 73

Candidate Starts for First_0084:

(Start: 73 @47621 has 3 MA's), (120, 47555), (136, 47513),

Gene: Flare16_83 Start: 47267, Stop: 46956, Start Num: 79

Candidate Starts for Flare16_83:

(Start: 79 @47267 has 38 MA's), (88, 47255), (Start: 112 @47225 has 1 MA's), (114, 47219), (120, 47204),

Gene: Flaverint_85 Start: 46836, Stop: 46540, Start Num: 91

Candidate Starts for Flaverint_85:

(Start: 91 @46836 has 32 MA's), (97, 46827), (100, 46824), (115, 46797), (119, 46788), (147, 46698),

Gene: Florean_75 Start: 45646, Stop: 45347, Start Num: 78

Candidate Starts for Florean_75:

(Start: 78 @45646 has 166 MA's), (Start: 113 @45604 has 3 MA's),

Gene: Flux_76 Start: 45645, Stop: 45346, Start Num: 78

Candidate Starts for Flux_76:

(Start: 78 @45645 has 166 MA's), (Start: 113 @45603 has 3 MA's),

Gene: FlyCatcher_78 Start: 49217, Stop: 48948, Start Num: 105

Candidate Starts for FlyCatcher_78:

(30, 49409), (34, 49391), (52, 49337), (54, 49334), (Start: 105 @49217 has 24 MA's), (Start: 112 @49205 has 1 MA's), (119, 49187), (124, 49169), (127, 49163), (136, 49127), (147, 49088), (150, 49064),

Gene: ForesterFrank_78 Start: 47477, Stop: 47178, Start Num: 81

Candidate Starts for ForesterFrank_78:

(Start: 81 @47477 has 6 MA's), (95, 47456), (157, 47252),

Gene: Forsytheast_78 Start: 47631, Stop: 47332, Start Num: 89

Candidate Starts for Forsytheast_78:

(Start: 75 @47661 has 1 MA's), (Start: 89 @47631 has 205 MA's), (Start: 118 @47586 has 2 MA's), (119, 47583), (139, 47514), (150, 47463),

Gene: Francis47_78 Start: 49500, Stop: 49201, Start Num: 89

Candidate Starts for Francis47_78:

(64, 49560), (Start: 89 @49500 has 205 MA's), (Start: 118 @49455 has 2 MA's), (119, 49452), (139, 49383), (150, 49332),

Gene: Fred313_76 Start: 45666, Stop: 45382, Start Num: 105

Candidate Starts for Fred313_76:

(Start: 105 @45666 has 24 MA's), (154, 45462),

Gene: Funston_74 Start: 45644, Stop: 45345, Start Num: 78

Candidate Starts for Funston_74:

(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Fushigi_70 Start: 43949, Stop: 43650, Start Num: 89

Candidate Starts for Fushigi_70:

(64, 44009), (Start: 89 @43949 has 205 MA's), (Start: 118 @43904 has 2 MA's), (119, 43901), (139, 43832), (150, 43781),

Gene: GMonster_74 Start: 46795, Stop: 46496, Start Num: 89

Candidate Starts for GMonster_74:

(64, 46855), (Start: 89 @46795 has 205 MA's), (Start: 118 @46750 has 2 MA's), (119, 46747), (139, 46678), (150, 46627),

Gene: Gadost_75 Start: 45648, Stop: 45349, Start Num: 78
Candidate Starts for Gadost_75:
(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: GageAP_79 Start: 48853, Stop: 48554, Start Num: 89
Candidate Starts for GageAP_79:
(64, 48913), (Start: 89 @48853 has 205 MA's), (Start: 118 @48808 has 2 MA's), (119, 48805), (139, 48736), (150, 48685),

Gene: Gail_84 Start: 47375, Stop: 47103, Start Num: 101
Candidate Starts for Gail_84:
(44, 47507), (47, 47495), (68, 47432), (Start: 101 @47375 has 3 MA's), (119, 47339), (132, 47291),

Gene: Gandalf20_75 Start: 46976, Stop: 46677, Start Num: 89
Candidate Starts for Gandalf20_75:
(Start: 75 @47006 has 1 MA's), (Start: 89 @46976 has 205 MA's), (Start: 118 @46931 has 2 MA's), (119, 46928), (139, 46859), (150, 46808),

Gene: Garak_85 Start: 45929, Stop: 45678, Start Num: 134
Candidate Starts for Garak_85:
(24, 46241), (33, 46184), (35, 46181), (50, 46136), (100, 46013), (Start: 129 @45941 has 22 MA's), (134, 45929), (137, 45923), (146, 45884),

Gene: Gemma_77 Start: 45437, Stop: 45174, Start Num: 104
Candidate Starts for Gemma_77:
(69, 45500), (77, 45482), (Start: 104 @45437 has 62 MA's), (115, 45416),

Gene: Georgie2_85 Start: 47969, Stop: 47661, Start Num: 79
Candidate Starts for Georgie2_85:
(Start: 79 @47969 has 38 MA's), (114, 47921), (120, 47906), (136, 47864), (156, 47747),

Gene: Ghouboy_70 Start: 44353, Stop: 44036, Start Num: 91
Candidate Starts for Ghouboy_70:
(61, 44425), (Start: 81 @44374 has 6 MA's), (Start: 85 @44365 has 1 MA's), (Start: 91 @44353 has 32 MA's), (Start: 94 @44347 has 2 MA's), (Start: 116 @44311 has 1 MA's), (122, 44299),

Gene: Gilberta_81 Start: 45712, Stop: 45416, Start Num: 91
Candidate Starts for Gilberta_81:
(Start: 91 @45712 has 32 MA's), (97, 45703), (115, 45673), (119, 45664), (147, 45574),

Gene: GingkoMaracino_80 Start: 45513, Stop: 45250, Start Num: 104
Candidate Starts for GingkoMaracino_80:
(69, 45576), (77, 45558), (Start: 104 @45513 has 62 MA's), (115, 45492),

Gene: Giroux_82 Start: 46035, Stop: 45763, Start Num: 105
Candidate Starts for Giroux_82:
(Start: 105 @46035 has 24 MA's),

Gene: Gladiator_80 Start: 45664, Stop: 45353, Start Num: 129
Candidate Starts for Gladiator_80:
(32, 45910), (35, 45904), (100, 45736), (Start: 129 @45664 has 22 MA's), (133, 45646), (134, 45643), (135, 45640), (137, 45637), (138, 45628), (140, 45622), (141, 45619), (146, 45598), (151, 45562),

Gene: Gompeii16_77 Start: 49500, Stop: 49201, Start Num: 89
Candidate Starts for Gompeii16_77:
(64, 49560), (Start: 89 @49500 has 205 MA's), (Start: 118 @49455 has 2 MA's), (119, 49452), (139, 49383), (150, 49332),

Gene: Goose_84 Start: 48190, Stop: 47897, Start Num: 87
Candidate Starts for Goose_84:
(13, 48550), (20, 48454), (Start: 87 @48190 has 11 MA's), (123, 48136),

Gene: Graduation_79 Start: 47476, Stop: 47177, Start Num: 89
Candidate Starts for Graduation_79:
(Start: 89 @47476 has 205 MA's), (Start: 118 @47431 has 2 MA's), (119, 47428), (139, 47359), (150, 47308),

Gene: Gratitude_81 Start: 47452, Stop: 47141, Start Num: 79
Candidate Starts for Gratitude_81:
(Start: 79 @47452 has 38 MA's), (88, 47440), (Start: 112 @47410 has 1 MA's), (114, 47404), (120, 47389),

Gene: GrecoEtereo_80 Start: 48605, Stop: 48306, Start Num: 89
Candidate Starts for GrecoEtereo_80:
(Start: 75 @48635 has 1 MA's), (Start: 89 @48605 has 205 MA's), (Start: 118 @48560 has 2 MA's), (119, 48557), (139, 48488),

Gene: GreedyLawyer_77 Start: 45520, Stop: 45230, Start Num: 78
Candidate Starts for GreedyLawyer_77:
(28, 45664), (38, 45634), (57, 45568), (Start: 60 @45562 has 1 MA's), (Start: 78 @45520 has 166 MA's), (Start: 113 @45478 has 3 MA's), (114, 45475), (Start: 116 @45469 has 1 MA's), (Start: 118 @45466 has 2 MA's), (122, 45457), (142, 45400),

Gene: Greg_79 Start: 48129, Stop: 47830, Start Num: 89
Candidate Starts for Greg_79:
(Start: 75 @48159 has 1 MA's), (Start: 89 @48129 has 205 MA's), (Start: 118 @48084 has 2 MA's), (119, 48081), (139, 48012), (150, 47961),

Gene: Grif_78 Start: 45704, Stop: 45441, Start Num: 104
Candidate Starts for Grif_78:
(69, 45767), (77, 45749), (Start: 104 @45704 has 62 MA's), (115, 45683),

Gene: GroundGoblin_69 Start: 45482, Stop: 45183, Start Num: 89
Candidate Starts for GroundGoblin_69:
(Start: 89 @45482 has 205 MA's), (Start: 118 @45437 has 2 MA's), (119, 45434), (139, 45365), (150, 45314),

Gene: Groupthink_80 Start: 45438, Stop: 45175, Start Num: 104
Candidate Starts for Groupthink_80:
(69, 45501), (77, 45483), (Start: 104 @45438 has 62 MA's), (115, 45417),

Gene: Grum1_80 Start: 45630, Stop: 45367, Start Num: 104
Candidate Starts for Grum1_80:
(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: Gruunaga_83 Start: 45619, Stop: 45308, Start Num: 129

Candidate Starts for Gruunaga_83:

(32, 45865), (35, 45859), (100, 45691), (Start: 129 @45619 has 22 MA's), (133, 45601), (134, 45598), (135, 45595), (137, 45592), (138, 45583), (140, 45577), (141, 45574), (146, 45553), (151, 45517),

Gene: GtownJaz_80 Start: 45628, Stop: 45365, Start Num: 104

Candidate Starts for GtownJaz_80:

(69, 45691), (77, 45673), (Start: 104 @45628 has 62 MA's), (115, 45607),

Gene: Gwendoluna_80 Start: 48442, Stop: 48143, Start Num: 89

Candidate Starts for Gwendoluna_80:

(Start: 75 @48472 has 1 MA's), (Start: 89 @48442 has 205 MA's), (Start: 118 @48397 has 2 MA's), (119, 48394), (139, 48325), (150, 48274),

Gene: Gwennie_75 Start: 45631, Stop: 45368, Start Num: 104

Candidate Starts for Gwennie_75:

(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Gyzlar_69 Start: 43801, Stop: 43514, Start Num: 89

Candidate Starts for Gyzlar_69:

(64, 43861), (Start: 89 @43801 has 205 MA's), (Start: 118 @43768 has 2 MA's), (119, 43765), (139, 43696), (150, 43645),

Gene: HINdeR_74 Start: 48078, Stop: 47791, Start Num: 78

Candidate Starts for HINdeR_74:

(29, 48225), (30, 48216), (Start: 78 @48078 has 166 MA's), (120, 48018),

Gene: HamSlice_71 Start: 45646, Stop: 45347, Start Num: 78

Candidate Starts for HamSlice_71:

(Start: 78 @45646 has 166 MA's), (Start: 113 @45604 has 3 MA's),

Gene: Hami1_69 Start: 41842, Stop: 41543, Start Num: 89

Candidate Starts for Hami1_69:

(64, 41902), (Start: 89 @41842 has 205 MA's), (Start: 118 @41797 has 2 MA's), (119, 41794), (139, 41725), (150, 41674),

Gene: Hammer_84 Start: 45326, Stop: 45015, Start Num: 129

Candidate Starts for Hammer_84:

(14, 45779), (32, 45572), (35, 45566), (100, 45398), (Start: 129 @45326 has 22 MA's), (133, 45308), (134, 45305), (135, 45302), (137, 45299), (138, 45290), (140, 45284), (141, 45281), (146, 45260), (151, 45224),

Gene: HanShotFirst_74 Start: 47407, Stop: 47108, Start Num: 89

Candidate Starts for HanShotFirst_74:

(64, 47467), (Start: 89 @47407 has 205 MA's), (Start: 118 @47362 has 2 MA's), (119, 47359), (139, 47290), (150, 47239),

Gene: Hanray_85 Start: 47995, Stop: 47711, Start Num: 92

Candidate Starts for Hanray_85:

(Start: 92 @47995 has 27 MA's), (Start: 116 @47956 has 1 MA's), (147, 47860),

Gene: Happiness_74 Start: 45670, Stop: 45368, Start Num: 78

Candidate Starts for Happiness_74:

(Start: 78 @45670 has 166 MA's), (Start: 113 @45628 has 3 MA's), (142, 45550),

Gene: HarryHoudini_83 Start: 47477, Stop: 47166, Start Num: 79
Candidate Starts for HarryHoudini_83:
(Start: 79 @47477 has 38 MA's), (88, 47465), (Start: 112 @47435 has 1 MA's), (114, 47429), (120, 47414),

Gene: HarryOW_77 Start: 48653, Stop: 48354, Start Num: 89
Candidate Starts for HarryOW_77:
(Start: 75 @48683 has 1 MA's), (Start: 89 @48653 has 205 MA's), (Start: 118 @48608 has 2 MA's), (119, 48605), (139, 48536), (150, 48485),

Gene: HashRod_81 Start: 45657, Stop: 45394, Start Num: 104
Candidate Starts for HashRod_81:
(69, 45720), (77, 45702), (Start: 104 @45657 has 62 MA's), (115, 45636),

Gene: HaveUMetTed_80 Start: 45426, Stop: 45163, Start Num: 104
Candidate Starts for HaveUMetTed_80:
(69, 45489), (77, 45471), (Start: 104 @45426 has 62 MA's), (115, 45405),

Gene: Heathen_78 Start: 45754, Stop: 45470, Start Num: 105
Candidate Starts for Heathen_78:
(Start: 105 @45754 has 24 MA's), (154, 45550),

Gene: Heffalump_80 Start: 47845, Stop: 47540, Start Num: 79
Candidate Starts for Heffalump_80:
(Start: 79 @47845 has 38 MA's), (114, 47800), (156, 47626),

Gene: HelDan_79 Start: 45977, Stop: 45693, Start Num: 105
Candidate Starts for HelDan_79:
(Start: 105 @45977 has 24 MA's), (154, 45773),

Gene: Heliosoles_77 Start: 45442, Stop: 45179, Start Num: 104
Candidate Starts for Heliosoles_77:
(69, 45505), (77, 45487), (Start: 104 @45442 has 62 MA's), (115, 45421),

Gene: Helmet_86 Start: 45941, Stop: 45678, Start Num: 129
Candidate Starts for Helmet_86:
(24, 46241), (33, 46184), (35, 46181), (50, 46136), (100, 46013), (Start: 129 @45941 has 22 MA's), (134, 45929), (137, 45923), (146, 45884),

Gene: Herbertwm_77 Start: 46431, Stop: 46096, Start Num: 79
Candidate Starts for Herbertwm_77:
(28, 46587), (38, 46551), (42, 46539), (57, 46485), (63, 46473), (Start: 79 @46431 has 38 MA's), (109, 46386), (131, 46332), (150, 46251), (157, 46188),

Gene: Hercules11_80 Start: 45639, Stop: 45376, Start Num: 104
Candidate Starts for Hercules11_80:
(69, 45702), (77, 45684), (Start: 104 @45639 has 62 MA's), (115, 45618),

Gene: Hermia_71 Start: 45532, Stop: 45233, Start Num: 89
Candidate Starts for Hermia_71:
(Start: 89 @45532 has 205 MA's), (Start: 118 @45487 has 2 MA's), (119, 45484), (139, 45415), (150, 45364),

Gene: HermioneGrange_80 Start: 48918, Stop: 48619, Start Num: 89

Candidate Starts for HermioneGrange_80:

(64, 48978), (Start: 89 @48918 has 205 MA's), (Start: 118 @48873 has 2 MA's), (119, 48870), (139, 48801), (150, 48750),

Gene: Hexamo_83 Start: 45494, Stop: 45183, Start Num: 129

Candidate Starts for Hexamo_83:

(14, 45947), (32, 45740), (35, 45734), (100, 45566), (Start: 129 @45494 has 22 MA's), (133, 45476), (134, 45473), (135, 45470), (138, 45458), (140, 45452), (141, 45449), (146, 45428), (151, 45392),

Gene: HippoHollow_80 Start: 48451, Stop: 48131, Start Num: 78

Candidate Starts for HippoHollow_80:

(26, 48601), (36, 48565), (46, 48541), (Start: 78 @48451 has 166 MA's), (80, 48448), (Start: 112 @48409 has 1 MA's), (Start: 113 @48406 has 3 MA's), (136, 48346),

Gene: Horex_86 Start: 47990, Stop: 47727, Start Num: 107

Candidate Starts for Horex_86:

(Start: 92 @48008 has 27 MA's), (Start: 107 @47990 has 17 MA's), (Start: 116 @47969 has 1 MA's), (147, 47873),

Gene: Holli_74 Start: 45437, Stop: 45138, Start Num: 78

Candidate Starts for Holli_74:

(Start: 78 @45437 has 166 MA's), (Start: 113 @45395 has 3 MA's),

Gene: Homines_64 Start: 41862, Stop: 41563, Start Num: 89

Candidate Starts for Homines_64:

(Start: 89 @41862 has 205 MA's), (Start: 118 @41817 has 2 MA's), (119, 41814), (139, 41745), (147, 41718), (150, 41694),

Gene: Hookmount_79 Start: 45998, Stop: 45720, Start Num: 105

Candidate Starts for Hookmount_79:

(Start: 87 @46019 has 11 MA's), (Start: 103 @46001 has 7 MA's), (Start: 105 @45998 has 24 MA's), (115, 45980),

Gene: Hoot_78 Start: 43405, Stop: 43115, Start Num: 78

Candidate Starts for Hoot_78:

(28, 43549), (38, 43519), (57, 43453), (Start: 60 @43447 has 1 MA's), (Start: 78 @43405 has 166 MA's), (Start: 113 @43363 has 3 MA's), (114, 43360), (Start: 116 @43354 has 1 MA's), (Start: 118 @43351 has 2 MA's), (122, 43342), (142, 43285),

Gene: Hope4ever_77 Start: 47133, Stop: 46834, Start Num: 89

Candidate Starts for Hope4ever_77:

(25, 47340), (27, 47313), (39, 47271), (41, 47268), (49, 47241), (53, 47229), (56, 47220), (59, 47205), (80, 47151), (Start: 89 @47133 has 205 MA's), (Start: 118 @47088 has 2 MA's), (119, 47085), (139, 47016), (150, 46965),

Gene: HortumSL17_88 Start: 48032, Stop: 47766, Start Num: 107

Candidate Starts for HortumSL17_88:

(Start: 92 @48050 has 27 MA's), (Start: 107 @48032 has 17 MA's), (Start: 116 @48011 has 1 MA's), (147, 47915),

Gene: Houdini22_74 Start: 45648, Stop: 45349, Start Num: 78

Candidate Starts for Houdini22_74:

(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: Hutc2_80 Start: 45262, Stop: 44966, Start Num: 91

Candidate Starts for Hutc2_80:

(Start: 91 @45262 has 32 MA's), (97, 45253), (115, 45223), (119, 45214), (147, 45124),

Gene: ICleared_74 Start: 45715, Stop: 45416, Start Num: 78

Candidate Starts for ICleared_74:

(Start: 78 @45715 has 166 MA's), (Start: 113 @45673 has 3 MA's),

Gene: ILeeKay_74 Start: 45443, Stop: 45144, Start Num: 89

Candidate Starts for ILeeKay_74:

(64, 45503), (Start: 89 @45443 has 205 MA's), (Start: 118 @45398 has 2 MA's), (119, 45395), (139, 45326), (150, 45275),

Gene: Iceman_73 Start: 45937, Stop: 45638, Start Num: 78

Candidate Starts for Iceman_73:

(Start: 78 @45937 has 166 MA's), (Start: 113 @45895 has 3 MA's),

Gene: Ichabod_79 Start: 47690, Stop: 47391, Start Num: 89

Candidate Starts for Ichabod_79:

(64, 47750), (Start: 89 @47690 has 205 MA's), (Start: 118 @47645 has 2 MA's), (119, 47642), (139, 47573), (150, 47522),

Gene: Idleandcovert_79 Start: 46036, Stop: 45764, Start Num: 105

Candidate Starts for Idleandcovert_79:

(Start: 105 @46036 has 24 MA's),

Gene: IgnatiusPatJac_76 Start: 46338, Stop: 46009, Start Num: 75

Candidate Starts for IgnatiusPatJac_76:

(Start: 75 @46338 has 1 MA's), (Start: 89 @46308 has 205 MA's), (Start: 118 @46263 has 2 MA's), (119, 46260), (139, 46191), (150, 46140),

Gene: Indra_87 Start: 45942, Stop: 45679, Start Num: 129

Candidate Starts for Indra_87:

(24, 46242), (33, 46185), (35, 46182), (50, 46137), (100, 46014), (Start: 129 @45942 has 22 MA's), (134, 45930), (137, 45924), (146, 45885),

Gene: Insomnia_83 Start: 46556, Stop: 46257, Start Num: 91

Candidate Starts for Insomnia_83:

(Start: 91 @46556 has 32 MA's), (97, 46547), (115, 46517), (119, 46508), (147, 46418),

Gene: Inyanga_68 Start: 45636, Stop: 45337, Start Num: 89

Candidate Starts for Inyanga_68:

(64, 45696), (Start: 89 @45636 has 205 MA's), (Start: 118 @45591 has 2 MA's), (119, 45588), (139, 45519), (150, 45468),

Gene: Iqorha_68 Start: 45635, Stop: 45336, Start Num: 89

Candidate Starts for Iqorha_68:

(64, 45695), (Start: 89 @45635 has 205 MA's), (Start: 118 @45590 has 2 MA's), (119, 45587), (139, 45518), (150, 45467),

Gene: Iracema64_75 Start: 45911, Stop: 45612, Start Num: 78
Candidate Starts for Iracema64_75:
(Start: 78 @45911 has 166 MA's), (Start: 113 @45869 has 3 MA's),

Gene: IronMan_79 Start: 48100, Stop: 47804, Start Num: 79
Candidate Starts for IronMan_79:
(48, 48175), (Start: 79 @48100 has 38 MA's), (Start: 112 @48064 has 1 MA's),

Gene: Isca_75 Start: 45153, Stop: 44866, Start Num: 103
Candidate Starts for Isca_75:
(Start: 87 @45171 has 11 MA's), (Start: 103 @45153 has 7 MA's), (Start: 105 @45150 has 24 MA's),
(147, 45030), (154, 44946),

Gene: Isiphiwo_80 Start: 45575, Stop: 45285, Start Num: 78
Candidate Starts for Isiphiwo_80:
(Start: 78 @45575 has 166 MA's), (Start: 113 @45533 has 3 MA's), (114, 45530), (Start: 116 @45524
has 1 MA's), (Start: 118 @45521 has 2 MA's), (122, 45512), (142, 45455),

Gene: Iwokeuplikedis_86 Start: 48070, Stop: 47795, Start Num: 79
Candidate Starts for Iwokeuplikedis_86:
(28, 48229), (38, 48193), (42, 48181), (Start: 60 @48121 has 1 MA's), (63, 48115), (Start: 79 @48070
has 38 MA's), (110, 48031), (Start: 116 @48016 has 1 MA's),

Gene: JF2_75 Start: 43846, Stop: 43562, Start Num: 105
Candidate Starts for JF2_75:
(Start: 87 @43867 has 11 MA's), (Start: 103 @43849 has 7 MA's), (Start: 105 @43846 has 24 MA's),
(147, 43726), (154, 43642),

Gene: JF4_75 Start: 43846, Stop: 43562, Start Num: 105
Candidate Starts for JF4_75:
(Start: 87 @43867 has 11 MA's), (Start: 103 @43849 has 7 MA's), (Start: 105 @43846 has 24 MA's),
(147, 43726), (154, 43642),

Gene: JHC117_75 Start: 45625, Stop: 45362, Start Num: 104
Candidate Starts for JHC117_75:
(69, 45688), (77, 45670), (Start: 104 @45625 has 62 MA's), (115, 45604),

Gene: Jaan_80 Start: 48211, Stop: 47903, Start Num: 78
Candidate Starts for Jaan_80:
(Start: 78 @48211 has 166 MA's), (Start: 113 @48169 has 3 MA's), (131, 48109),

Gene: Jabith_83 Start: 46570, Stop: 46274, Start Num: 91
Candidate Starts for Jabith_83:
(Start: 91 @46570 has 32 MA's), (97, 46561), (115, 46531), (119, 46522), (147, 46432),

Gene: JackSparrow_77 Start: 46543, Stop: 46244, Start Num: 89
Candidate Starts for JackSparrow_77:
(64, 46603), (Start: 89 @46543 has 205 MA's), (Start: 118 @46498 has 2 MA's), (119, 46495), (150,
46375),

Gene: Jasper_75 Start: 45295, Stop: 44996, Start Num: 89
Candidate Starts for Jasper_75:

(64, 45355), (Start: 89 @45295 has 205 MA's), (Start: 118 @45250 has 2 MA's), (119, 45247), (139, 45178), (150, 45127),

Gene: Jaykayelowell_72 Start: 45640, Stop: 45341, Start Num: 78
Candidate Starts for Jaykayelowell_72:
(Start: 78 @45640 has 166 MA's), (Start: 113 @45598 has 3 MA's),

Gene: Jeeves_84 Start: 46095, Stop: 45823, Start Num: 101
Candidate Starts for Jeeves_84:
(44, 46227), (47, 46215), (68, 46152), (70, 46146), (Start: 101 @46095 has 3 MA's), (Start: 116 @46065 has 1 MA's), (119, 46059), (121, 46056), (132, 46011),

Gene: JenCasNa_81 Start: 45630, Stop: 45367, Start Num: 104
Candidate Starts for JenCasNa_81:
(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: JeppNRM_80 Start: 45440, Stop: 45177, Start Num: 104
Candidate Starts for JeppNRM_80:
(69, 45503), (77, 45485), (Start: 104 @45440 has 62 MA's), (126, 45392),

Gene: Jerm_85 Start: 48029, Stop: 47718, Start Num: 78
Candidate Starts for Jerm_85:
(Start: 78 @48029 has 166 MA's), (Start: 79 @48026 has 38 MA's), (120, 47963), (156, 47801),

Gene: Jerm2_78 Start: 48988, Stop: 48689, Start Num: 89
Candidate Starts for Jerm2_78:
(64, 49048), (Start: 89 @48988 has 205 MA's), (Start: 118 @48943 has 2 MA's), (119, 48940), (139, 48871), (150, 48820),

Gene: JetBlade_76 Start: 45675, Stop: 45376, Start Num: 78
Candidate Starts for JetBlade_76:
(Start: 78 @45675 has 166 MA's), (Start: 113 @45633 has 3 MA's),

Gene: Jiawan_85 Start: 48025, Stop: 47744, Start Num: 92
Candidate Starts for Jiawan_85:
(Start: 92 @48025 has 27 MA's), (Start: 116 @47986 has 1 MA's), (147, 47890),

Gene: Jobu08_76 Start: 45454, Stop: 45191, Start Num: 104
Candidate Starts for Jobu08_76:
(69, 45517), (77, 45499), (Start: 104 @45454 has 62 MA's), (115, 45433),

Gene: JoongJeon_74 Start: 45641, Stop: 45342, Start Num: 78
Candidate Starts for JoongJeon_74:
(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: Jordennis_81 Start: 45745, Stop: 45497, Start Num: 113
Candidate Starts for Jordennis_81:
(28, 45931), (38, 45901), (57, 45835), (Start: 60 @45829 has 1 MA's), (Start: 78 @45787 has 166 MA's), (Start: 113 @45745 has 3 MA's), (114, 45742), (Start: 116 @45736 has 1 MA's), (Start: 118 @45733 has 2 MA's), (122, 45724), (142, 45667), (145, 45652),

Gene: Joselito_83 Start: 46590, Stop: 46294, Start Num: 91
Candidate Starts for Joselito_83:

(Start: 91 @46590 has 32 MA's), (97, 46581), (100, 46578), (115, 46551), (119, 46542), (147, 46452),

Gene: JoshKayV_85 Start: 48197, Stop: 47886, Start Num: 78

Candidate Starts for JoshKayV_85:

(Start: 78 @48197 has 166 MA's), (Start: 79 @48194 has 38 MA's), (Start: 112 @48152 has 1 MA's), (114, 48146), (156, 47972),

Gene: Jsquared_87 Start: 47057, Stop: 46782, Start Num: 93

Candidate Starts for Jsquared_87:

(22, 47306), (Start: 93 @47057 has 17 MA's), (109, 47036), (114, 47024), (Start: 116 @47018 has 1 MA's),

Gene: JuliaChild_77 Start: 47536, Stop: 47237, Start Num: 89

Candidate Starts for JuliaChild_77:

(Start: 75 @47566 has 1 MA's), (Start: 89 @47536 has 205 MA's), (Start: 118 @47491 has 2 MA's), (119, 47488), (139, 47419), (150, 47368),

Gene: KADY_77 Start: 45657, Stop: 45394, Start Num: 104

Candidate Starts for KADY_77:

(69, 45720), (77, 45702), (Start: 104 @45657 has 62 MA's), (115, 45636),

Gene: KBG_74 Start: 47890, Stop: 47585, Start Num: 86

Candidate Starts for KBG_74:

(Start: 86 @47890 has 2 MA's), (Start: 89 @47884 has 205 MA's), (Start: 118 @47839 has 2 MA's), (119, 47836), (139, 47767), (150, 47716),

Gene: KFPoly_74 Start: 45641, Stop: 45342, Start Num: 78

Candidate Starts for KFPoly_74:

(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: KSSJEB_73 Start: 45768, Stop: 45469, Start Num: 89

Candidate Starts for KSSJEB_73:

(Start: 89 @45768 has 205 MA's), (Start: 118 @45723 has 2 MA's), (119, 45720), (139, 45651), (150, 45600),

Gene: Kachowdy_76 Start: 46006, Stop: 45722, Start Num: 105

Candidate Starts for Kachowdy_76:

(Start: 105 @46006 has 24 MA's), (154, 45802),

Gene: Kalnoky_80 Start: 45435, Stop: 45172, Start Num: 104

Candidate Starts for Kalnoky_80:

(69, 45498), (77, 45480), (Start: 104 @45435 has 62 MA's), (115, 45414),

Gene: Kalpine_85 Start: 48190, Stop: 47882, Start Num: 81

Candidate Starts for Kalpine_85:

(Start: 81 @48190 has 6 MA's), (Start: 112 @48151 has 1 MA's), (Start: 113 @48148 has 3 MA's),

Gene: Kampy_74 Start: 45650, Stop: 45351, Start Num: 78

Candidate Starts for Kampy_74:

(Start: 78 @45650 has 166 MA's), (Start: 113 @45608 has 3 MA's),

Gene: Kanely_78 Start: 47624, Stop: 47325, Start Num: 89

Candidate Starts for Kanely_78:

(Start: 86 @47630 has 2 MA's), (Start: 89 @47624 has 205 MA's), (Start: 118 @47579 has 2 MA's), (119, 47576), (139, 47507), (150, 47456),

Gene: Katalie136_74 Start: 45708, Stop: 45397, Start Num: 67

Candidate Starts for Katalie136_74:

(Start: 66 @45711 has 2 MA's), (Start: 67 @45708 has 7 MA's), (Start: 78 @45690 has 166 MA's), (Start: 79 @45687 has 38 MA's), (114, 45657), (120, 45645), (131, 45606), (142, 45573),

Gene: Kazan_84 Start: 45560, Stop: 45270, Start Num: 78

Candidate Starts for Kazan_84:

(28, 45704), (38, 45674), (57, 45608), (Start: 60 @45602 has 1 MA's), (Start: 78 @45560 has 166 MA's), (Start: 113 @45518 has 3 MA's), (114, 45515), (Start: 116 @45509 has 1 MA's), (Start: 118 @45506 has 2 MA's), (122, 45497), (142, 45440), (145, 45425),

Gene: KekoraPapaka_72 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for KekoraPapaka_72:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Kenmech_78 Start: 47914, Stop: 47615, Start Num: 89

Candidate Starts for Kenmech_78:

(Start: 75 @47944 has 1 MA's), (Start: 89 @47914 has 205 MA's), (Start: 118 @47869 has 2 MA's), (119, 47866), (139, 47797), (150, 47746),

Gene: Kerberos_83 Start: 47197, Stop: 46919, Start Num: 93

Candidate Starts for Kerberos_83:

(Start: 93 @47197 has 17 MA's), (114, 47164), (Start: 116 @47158 has 1 MA's), (152, 47023),

Gene: Keziacharles14_84 Start: 48520, Stop: 48254, Start Num: 93

Candidate Starts for Keziacharles14_84:

(Start: 93 @48520 has 17 MA's), (109, 48505), (Start: 116 @48487 has 1 MA's), (Start: 118 @48484 has 2 MA's), (119, 48481),

Gene: KikiBouba_70 Start: 45341, Stop: 45042, Start Num: 89

Candidate Starts for KikiBouba_70:

(Start: 89 @45341 has 205 MA's), (Start: 118 @45296 has 2 MA's), (119, 45293), (139, 45224), (150, 45173),

Gene: Killigrew_73 Start: 46134, Stop: 45835, Start Num: 89

Candidate Starts for Killigrew_73:

(64, 46194), (Start: 89 @46134 has 205 MA's), (Start: 118 @46089 has 2 MA's), (119, 46086), (131, 46044), (139, 46017), (150, 45966),

Gene: Kimba_81 Start: 45893, Stop: 45597, Start Num: 91

Candidate Starts for Kimba_81:

(Start: 91 @45893 has 32 MA's), (97, 45884), (115, 45854), (119, 45845), (147, 45755),

Gene: Kimona_76 Start: 44739, Stop: 44437, Start Num: 79

Candidate Starts for Kimona_76:

(47, 44811), (Start: 79 @44739 has 38 MA's),

Gene: KingCyrus_82 Start: 48898, Stop: 48593, Start Num: 78

Candidate Starts for KingCyrus_82:

(Start: 78 @48898 has 166 MA's), (Start: 112 @48859 has 1 MA's), (114, 48853), (155, 48682), (156, 48679),

Gene: Kingmustik0402_75 Start: 45636, Stop: 45337, Start Num: 78

Candidate Starts for Kingmustik0402_75:

(Start: 78 @45636 has 166 MA's), (Start: 113 @45594 has 3 MA's),

Gene: Kipper29_83 Start: 45573, Stop: 45283, Start Num: 78

Candidate Starts for Kipper29_83:

(28, 45717), (38, 45687), (57, 45621), (Start: 60 @45615 has 1 MA's), (Start: 78 @45573 has 166 MA's), (Start: 113 @45531 has 3 MA's), (114, 45528), (Start: 116 @45522 has 1 MA's), (Start: 118 @45519 has 2 MA's), (122, 45510), (142, 45453),

Gene: KittenMittens_78 Start: 47540, Stop: 47253, Start Num: 87

Candidate Starts for KittenMittens_78:

(2, 48347), (3, 48326), (4, 48314), (13, 47900), (20, 47804), (Start: 87 @47540 has 11 MA's), (Start: 101 @47525 has 3 MA's), (114, 47507),

Gene: Klodlith_83 Start: 47367, Stop: 47134, Start Num: 118

Candidate Starts for Klodlith_83:

(Start: 92 @47403 has 27 MA's), (Start: 118 @47367 has 2 MA's),

Gene: Koan_72 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for Koan_72:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Koduck_83 Start: 46399, Stop: 46124, Start Num: 93

Candidate Starts for Koduck_83:

(22, 46648), (Start: 93 @46399 has 17 MA's), (Start: 112 @46372 has 1 MA's), (114, 46366), (Start: 116 @46360 has 1 MA's),

Gene: Koko_85 Start: 46331, Stop: 46068, Start Num: 129

Candidate Starts for Koko_85:

(24, 46631), (33, 46574), (35, 46571), (50, 46526), (100, 46403), (Start: 129 @46331 has 22 MA's), (134, 46319), (137, 46313), (146, 46274),

Gene: Koreni_74 Start: 45328, Stop: 45029, Start Num: 78

Candidate Starts for Koreni_74:

(Start: 78 @45328 has 166 MA's), (Start: 113 @45286 has 3 MA's),

Gene: Kratark_74 Start: 45681, Stop: 45382, Start Num: 78

Candidate Starts for Kratark_74:

(Start: 78 @45681 has 166 MA's), (Start: 113 @45639 has 3 MA's),

Gene: Kremtemulon_74 Start: 45795, Stop: 45481, Start Num: 67

Candidate Starts for Kremtemulon_74:

(Start: 66 @45798 has 2 MA's), (Start: 67 @45795 has 7 MA's), (Start: 78 @45777 has 166 MA's), (Start: 79 @45774 has 38 MA's), (120, 45732), (131, 45693),

Gene: Kristoff_81 Start: 48800, Stop: 48519, Start Num: 87

Candidate Starts for Kristoff_81:

(11, 49208), (17, 49112), (Start: 87 @48800 has 11 MA's),

Gene: Kugel_78 Start: 47776, Stop: 47477, Start Num: 89
Candidate Starts for Kugel_78:
(64, 47836), (Start: 89 @47776 has 205 MA's), (Start: 118 @47731 has 2 MA's), (119, 47728), (139, 47659), (150, 47608),

Gene: KyMonks1A_82 Start: 48245, Stop: 47946, Start Num: 89
Candidate Starts for KyMonks1A_82:
(Start: 75 @48275 has 1 MA's), (Start: 89 @48245 has 205 MA's), (Start: 118 @48200 has 2 MA's), (119, 48197), (139, 48128), (150, 48077),

Gene: Kyee_75 Start: 45642, Stop: 45343, Start Num: 78
Candidate Starts for Kyee_75:
(Start: 78 @45642 has 166 MA's), (Start: 113 @45600 has 3 MA's),

Gene: L5_76 Start: 46290, Stop: 46015, Start Num: 93
Candidate Starts for L5_76:
(22, 46539), (Start: 93 @46290 has 17 MA's), (Start: 112 @46263 has 1 MA's), (114, 46257), (Start: 116 @46251 has 1 MA's),

Gene: LBerry_81 Start: 45631, Stop: 45368, Start Num: 104
Candidate Starts for LBerry_81:
(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: LHTSCC_77 Start: 46087, Stop: 45785, Start Num: 78
Candidate Starts for LHTSCC_77:
(Start: 78 @46087 has 166 MA's), (Start: 113 @46045 has 3 MA's), (142, 45967),

Gene: LadyBird_87 Start: 48119, Stop: 47796, Start Num: 73
Candidate Starts for LadyBird_87:
(Start: 73 @48119 has 3 MA's), (Start: 92 @48098 has 27 MA's), (114, 48068), (120, 48053),

Gene: Lambert1_79 Start: 46002, Stop: 45721, Start Num: 103
Candidate Starts for Lambert1_79:
(Start: 87 @46020 has 11 MA's), (Start: 103 @46002 has 7 MA's), (Start: 105 @45999 has 24 MA's), (115, 45981),

Gene: Lamina13_80 Start: 49268, Stop: 48969, Start Num: 89
Candidate Starts for Lamina13_80:
(64, 49328), (Start: 89 @49268 has 205 MA's), (Start: 118 @49223 has 2 MA's), (119, 49220), (139, 49151), (150, 49100),

Gene: Landor_80 Start: 48136, Stop: 47828, Start Num: 78
Candidate Starts for Landor_80:
(Start: 78 @48136 has 166 MA's), (Start: 113 @48094 has 3 MA's), (131, 48034),

Gene: LappelDuVide_75 Start: 45647, Stop: 45348, Start Num: 78
Candidate Starts for LappelDuVide_75:
(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Larenn_81 Start: 47473, Stop: 47156, Start Num: 79
Candidate Starts for Larenn_81:
(5, 48031), (10, 47863), (19, 47719), (Start: 79 @47473 has 38 MA's), (Start: 81 @47470 has 6 MA's), (Start: 112 @47431 has 1 MA's), (120, 47410), (155, 47245),

Gene: LarryKay_80 Start: 45661, Stop: 45398, Start Num: 104
Candidate Starts for LarryKay_80:
(69, 45724), (77, 45706), (Start: 104 @45661 has 62 MA's), (115, 45640),

Gene: Lemur_75 Start: 45644, Stop: 45345, Start Num: 78
Candidate Starts for Lemur_75:
(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: LeoAvram_74 Start: 45714, Stop: 45379, Start Num: 58
Candidate Starts for LeoAvram_74:
(Start: 58 @45714 has 1 MA's), (82, 45663), (Start: 113 @45636 has 3 MA's),

Gene: Lesedi_73 Start: 45402, Stop: 45103, Start Num: 89
Candidate Starts for Lesedi_73:
(Start: 75 @45432 has 1 MA's), (Start: 89 @45402 has 205 MA's), (Start: 118 @45357 has 2 MA's),
(119, 45354), (139, 45285), (150, 45234),

Gene: Levia_70 Start: 44940, Stop: 44641, Start Num: 89
Candidate Starts for Levia_70:
(Start: 75 @44970 has 1 MA's), (Start: 89 @44940 has 205 MA's), (Start: 118 @44895 has 2 MA's),
(119, 44892), (139, 44823), (150, 44772),

Gene: Leviathan_85 Start: 48110, Stop: 47802, Start Num: 78
Candidate Starts for Leviathan_85:
(Start: 78 @48110 has 166 MA's), (Start: 79 @48107 has 38 MA's), (Start: 112 @48065 has 1 MA's),
(114, 48059), (120, 48044), (156, 47885),

Gene: Licorice_77 Start: 48925, Stop: 48626, Start Num: 89
Candidate Starts for Licorice_77:
(Start: 86 @48931 has 2 MA's), (Start: 89 @48925 has 205 MA's), (Start: 118 @48880 has 2 MA's),
(119, 48877), (139, 48808), (150, 48757),

Gene: LilBib_73 Start: 47156, Stop: 46857, Start Num: 89
Candidate Starts for LilBib_73:
(Start: 89 @47156 has 205 MA's), (Start: 118 @47111 has 2 MA's), (119, 47108), (139, 47039), (150,
46988),

Gene: LilTurb_84 Start: 47906, Stop: 47598, Start Num: 78
Candidate Starts for LilTurb_84:
(Start: 78 @47906 has 166 MA's), (Start: 79 @47903 has 38 MA's), (120, 47840), (156, 47681),

Gene: Lilbunny_83 Start: 45573, Stop: 45310, Start Num: 129
Candidate Starts for Lilbunny_83:
(24, 45873), (33, 45816), (35, 45813), (50, 45768), (100, 45645), (Start: 129 @45573 has 22 MA's),
(134, 45561), (137, 45555), (146, 45516),

Gene: Lilleskat_84 Start: 47987, Stop: 47724, Start Num: 107
Candidate Starts for Lilleskat_84:
(Start: 92 @48005 has 27 MA's), (Start: 107 @47987 has 17 MA's), (Start: 116 @47966 has 1 MA's),
(147, 47870),

Gene: LionsBait_82 Start: 48447, Stop: 48130, Start Num: 56

Candidate Starts for LionsBait_82:

(56, 48447), (Start: 112 @48408 has 1 MA's), (Start: 113 @48405 has 3 MA's), (136, 48345),

Gene: LittleB_75 Start: 45648, Stop: 45349, Start Num: 78

Candidate Starts for LittleB_75:

(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: LittleGuy_75 Start: 45532, Stop: 45233, Start Num: 78

Candidate Starts for LittleGuy_75:

(Start: 78 @45532 has 166 MA's), (Start: 113 @45490 has 3 MA's),

Gene: LochMonster_76 Start: 45884, Stop: 45585, Start Num: 78

Candidate Starts for LochMonster_76:

(Start: 78 @45884 has 166 MA's), (Start: 113 @45842 has 3 MA's),

Gene: Lockley_73 Start: 46285, Stop: 45986, Start Num: 89

Candidate Starts for Lockley_73:

(Start: 75 @46315 has 1 MA's), (Start: 89 @46285 has 205 MA's), (Start: 118 @46240 has 2 MA's),
(119, 46237), (139, 46168), (150, 46117),

Gene: Lokk_78 Start: 45975, Stop: 45661, Start Num: 71

Candidate Starts for Lokk_78:

(Start: 71 @45975 has 4 MA's), (Start: 93 @45948 has 17 MA's), (102, 45939), (144, 45852),

Gene: LoneWolf_87 Start: 48048, Stop: 47776, Start Num: 92

Candidate Starts for LoneWolf_87:

(Start: 92 @48048 has 27 MA's), (Start: 107 @48030 has 17 MA's), (Start: 116 @48009 has 1 MA's),
(Start: 118 @48006 has 2 MA's),

Gene: Lopton_75 Start: 48247, Stop: 47948, Start Num: 89

Candidate Starts for Lopton_75:

(Start: 75 @48277 has 1 MA's), (Start: 89 @48247 has 205 MA's), (Start: 118 @48202 has 2 MA's),
(119, 48199), (139, 48130), (150, 48079),

Gene: Lorenzo_75 Start: 45645, Stop: 45346, Start Num: 78

Candidate Starts for Lorenzo_75:

(Start: 78 @45645 has 166 MA's),

Gene: Loser_86 Start: 48364, Stop: 48065, Start Num: 81

Candidate Starts for Loser_86:

(Start: 81 @48364 has 6 MA's), (90, 48352), (Start: 92 @48349 has 27 MA's), (Start: 93 @48346 has
17 MA's), (Start: 112 @48325 has 1 MA's), (120, 48304),

Gene: Louie6_79 Start: 45658, Stop: 45395, Start Num: 104

Candidate Starts for Louie6_79:

(69, 45721), (77, 45703), (Start: 104 @45658 has 62 MA's), (115, 45637),

Gene: Lucivia_85 Start: 46869, Stop: 46573, Start Num: 91

Candidate Starts for Lucivia_85:

(Start: 91 @46869 has 32 MA's), (97, 46860), (100, 46857), (115, 46830), (119, 46821), (147, 46731),

Gene: Lucyedi_82 Start: 47034, Stop: 46771, Start Num: 92

Candidate Starts for Lucyedi_82:

(8, 47598), (22, 47280), (Start: 92 @47034 has 27 MA's), (Start: 116 @46998 has 1 MA's), (Start: 118 @46995 has 2 MA's),

Gene: LugYA_83 Start: 45631, Stop: 45368, Start Num: 104
Candidate Starts for LugYA_83:
(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Lunsford_75 Start: 45640, Stop: 45341, Start Num: 78
Candidate Starts for Lunsford_75:
(Start: 78 @45640 has 166 MA's), (Start: 113 @45598 has 3 MA's),

Gene: MA5_77 Start: 45054, Stop: 44770, Start Num: 105
Candidate Starts for MA5_77:
(Start: 105 @45054 has 24 MA's), (154, 44850),

Gene: MK4_72 Start: 43576, Stop: 43289, Start Num: 103
Candidate Starts for MK4_72:
(Start: 87 @43594 has 11 MA's), (Start: 103 @43576 has 7 MA's), (Start: 105 @43573 has 24 MA's),
(147, 43453), (154, 43369),

Gene: MPlant7149_76 Start: 46801, Stop: 46502, Start Num: 89
Candidate Starts for MPlant7149_76:
(Start: 75 @46831 has 1 MA's), (Start: 89 @46801 has 205 MA's), (Start: 118 @46756 has 2 MA's),
(119, 46753), (139, 46684), (150, 46633),

Gene: MaCh_84 Start: 46833, Stop: 46537, Start Num: 91
Candidate Starts for MaCh_84:
(Start: 91 @46833 has 32 MA's), (97, 46824), (100, 46821), (115, 46794), (119, 46785), (147, 46695),

Gene: Mabel_84 Start: 46834, Stop: 46538, Start Num: 91
Candidate Starts for Mabel_84:
(Start: 91 @46834 has 32 MA's), (97, 46825), (100, 46822), (115, 46795), (119, 46786), (147, 46696),

Gene: MadMarie_78 Start: 45628, Stop: 45365, Start Num: 104
Candidate Starts for MadMarie_78:
(69, 45691), (77, 45673), (Start: 104 @45628 has 62 MA's), (115, 45607),

Gene: Magnar_72 Start: 45929, Stop: 45630, Start Num: 89
Candidate Starts for Magnar_72:
(Start: 75 @45959 has 1 MA's), (Start: 89 @45929 has 205 MA's), (Start: 118 @45884 has 2 MA's),
(119, 45881), (139, 45812), (150, 45761),

Gene: Magnito_75 Start: 46242, Stop: 45943, Start Num: 89
Candidate Starts for Magnito_75:
(Start: 89 @46242 has 205 MA's), (Start: 118 @46197 has 2 MA's), (119, 46194), (139, 46125), (150, 46074),

Gene: MajorMajor_80 Start: 45106, Stop: 44831, Start Num: 93
Candidate Starts for MajorMajor_80:
(22, 45355), (Start: 93 @45106 has 17 MA's), (109, 45085), (114, 45073),

Gene: Makemake_79 Start: 47852, Stop: 47553, Start Num: 89
Candidate Starts for Makemake_79:

(Start: 75 @47882 has 1 MA's), (Start: 89 @47852 has 205 MA's), (Start: 118 @47807 has 2 MA's), (119, 47804), (139, 47735), (150, 47684),

Gene: Malec_82 Start: 48043, Stop: 47726, Start Num: 79

Candidate Starts for Malec_82:

(Start: 79 @48043 has 38 MA's), (Start: 81 @48040 has 6 MA's), (Start: 112 @48001 has 1 MA's), (120, 47980), (155, 47815),

Gene: Maminiaina_86 Start: 47971, Stop: 47693, Start Num: 92

Candidate Starts for Maminiaina_86:

(Start: 92 @47971 has 27 MA's), (Start: 116 @47932 has 1 MA's),

Gene: Manatee_74 Start: 45782, Stop: 45483, Start Num: 89

Candidate Starts for Manatee_74:

(Start: 75 @45812 has 1 MA's), (Start: 89 @45782 has 205 MA's), (Start: 118 @45737 has 2 MA's), (119, 45734), (139, 45665),

Gene: Manu_79 Start: 45442, Stop: 45179, Start Num: 104

Candidate Starts for Manu_79:

(69, 45505), (77, 45487), (Start: 104 @45442 has 62 MA's), (115, 45421),

Gene: MarQuardt_80 Start: 45629, Stop: 45366, Start Num: 104

Candidate Starts for MarQuardt_80:

(69, 45692), (77, 45674), (Start: 104 @45629 has 62 MA's), (115, 45608),

Gene: Marcell_69 Start: 44549, Stop: 44250, Start Num: 89

Candidate Starts for Marcell_69:

(64, 44609), (Start: 89 @44549 has 205 MA's), (Start: 118 @44504 has 2 MA's), (119, 44501), (139, 44432), (150, 44381),

Gene: Marchesa_78 Start: 45958, Stop: 45674, Start Num: 105

Candidate Starts for Marchesa_78:

(Start: 105 @45958 has 24 MA's), (154, 45754),

Gene: Marchy_68 Start: 43353, Stop: 43054, Start Num: 89

Candidate Starts for Marchy_68:

(64, 43413), (Start: 89 @43353 has 205 MA's), (Start: 118 @43308 has 2 MA's), (119, 43305), (139, 43236), (150, 43185),

Gene: Marco3_79 Start: 48503, Stop: 48204, Start Num: 89

Candidate Starts for Marco3_79:

(64, 48563), (Start: 89 @48503 has 205 MA's), (Start: 118 @48458 has 2 MA's), (119, 48455), (139, 48386), (150, 48335),

Gene: Marge_73 Start: 46046, Stop: 45747, Start Num: 89

Candidate Starts for Marge_73:

(64, 46106), (Start: 89 @46046 has 205 MA's), (Start: 118 @46001 has 2 MA's), (119, 45998), (139, 45929), (143, 45917), (150, 45878),

Gene: Margo_79 Start: 46027, Stop: 45746, Start Num: 103

Candidate Starts for Margo_79:

(Start: 87 @46045 has 11 MA's), (Start: 103 @46027 has 7 MA's), (Start: 105 @46024 has 24 MA's),

Gene: Marie_78 Start: 45630, Stop: 45367, Start Num: 104
Candidate Starts for Marie_78:
(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: Marius_80 Start: 45435, Stop: 45172, Start Num: 104
Candidate Starts for Marius_80:
(69, 45498), (77, 45480), (Start: 104 @45435 has 62 MA's), (115, 45414),

Gene: Maroc7_78 Start: 48845, Stop: 48546, Start Num: 89
Candidate Starts for Maroc7_78:
(64, 48905), (Start: 89 @48845 has 205 MA's), (Start: 118 @48800 has 2 MA's), (119, 48797), (139, 48728), (150, 48677),

Gene: Marsha_76 Start: 48488, Stop: 48189, Start Num: 89
Candidate Starts for Marsha_76:
(Start: 89 @48488 has 205 MA's), (Start: 118 @48443 has 2 MA's), (119, 48440), (139, 48371), (150, 48320),

Gene: MaryBeth_74 Start: 47072, Stop: 46773, Start Num: 89
Candidate Starts for MaryBeth_74:
(Start: 75 @47102 has 1 MA's), (Start: 89 @47072 has 205 MA's), (Start: 118 @47027 has 2 MA's), (119, 47024), (139, 46955), (150, 46904),

Gene: Maverick_74 Start: 45644, Stop: 45345, Start Num: 78
Candidate Starts for Maverick_74:
(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Maxo_77 Start: 45650, Stop: 45351, Start Num: 78
Candidate Starts for Maxo_77:
(Start: 78 @45650 has 166 MA's), (Start: 113 @45608 has 3 MA's),

Gene: Mayonnaise_72 Start: 45644, Stop: 45345, Start Num: 78
Candidate Starts for Mayonnaise_72:
(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Mazhar510_75 Start: 45645, Stop: 45346, Start Num: 78
Candidate Starts for Mazhar510_75:
(Start: 78 @45645 has 166 MA's), (Start: 113 @45603 has 3 MA's),

Gene: McFly_83 Start: 45909, Stop: 45619, Start Num: 78
Candidate Starts for McFly_83:
(28, 46053), (38, 46023), (57, 45957), (Start: 60 @45951 has 1 MA's), (Start: 78 @45909 has 166 MA's), (Start: 113 @45867 has 3 MA's), (114, 45864), (Start: 116 @45858 has 1 MA's), (Start: 118 @45855 has 2 MA's), (122, 45846), (142, 45789),

Gene: McGuire_76 Start: 46085, Stop: 45786, Start Num: 89
Candidate Starts for McGuire_76:
(64, 46145), (Start: 89 @46085 has 205 MA's), (Start: 118 @46040 has 2 MA's), (119, 46037), (139, 45968), (150, 45917),

Gene: McSinger_75 Start: 47215, Stop: 46916, Start Num: 89
Candidate Starts for McSinger_75:

(64, 47275), (Start: 89 @47215 has 205 MA's), (Start: 118 @47170 has 2 MA's), (119, 47167), (139, 47098), (150, 47047),

Gene: Medusa_74 Start: 45660, Stop: 45361, Start Num: 78
Candidate Starts for Medusa_74:
(Start: 78 @45660 has 166 MA's), (Start: 113 @45618 has 3 MA's),

Gene: MeeZee_74 Start: 45641, Stop: 45342, Start Num: 78
Candidate Starts for MeeZee_74:
(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: MegTheThird_83 Start: 47371, Stop: 47141, Start Num: 118
Candidate Starts for MegTheThird_83:
(Start: 92 @47410 has 27 MA's), (Start: 116 @47374 has 1 MA's), (Start: 118 @47371 has 2 MA's), (148, 47272),

Gene: Melvin_77 Start: 45642, Stop: 45343, Start Num: 78
Candidate Starts for Melvin_77:
(Start: 78 @45642 has 166 MA's), (Start: 113 @45600 has 3 MA's),

Gene: MetalQZJ_73 Start: 47072, Stop: 46773, Start Num: 89
Candidate Starts for MetalQZJ_73:
(Start: 75 @47102 has 1 MA's), (Start: 89 @47072 has 205 MA's), (Start: 118 @47027 has 2 MA's), (119, 47024), (139, 46955), (150, 46904),

Gene: Methuselah_73 Start: 45651, Stop: 45388, Start Num: 104
Candidate Starts for Methuselah_73:
(69, 45714), (77, 45696), (Start: 104 @45651 has 62 MA's), (115, 45630),

Gene: MiculUcigas_83 Start: 47170, Stop: 46859, Start Num: 79
Candidate Starts for MiculUcigas_83:
(Start: 79 @47170 has 38 MA's), (88, 47158), (Start: 92 @47152 has 27 MA's), (Start: 112 @47128 has 1 MA's), (114, 47122), (120, 47107),

Gene: Miko_78 Start: 46737, Stop: 46423, Start Num: 71
Candidate Starts for Miko_78:
(Start: 71 @46737 has 4 MA's), (Start: 93 @46710 has 17 MA's), (102, 46701),

Gene: Milcery_70 Start: 44007, Stop: 43711, Start Num: 91
Candidate Starts for Milcery_70:
(Start: 91 @44007 has 32 MA's), (108, 43986), (111, 43980), (147, 43866), (149, 43851), (152, 43827),

Gene: Millski_74 Start: 45648, Stop: 45349, Start Num: 78
Candidate Starts for Millski_74:
(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: Minispark_84 Start: 47433, Stop: 47182, Start Num: 107
Candidate Starts for Minispark_84:
(Start: 92 @47451 has 27 MA's), (Start: 107 @47433 has 17 MA's), (Start: 116 @47412 has 1 MA's),

Gene: Miramae_74 Start: 45242, Stop: 44946, Start Num: 78
Candidate Starts for Miramae_74:
(Start: 78 @45242 has 166 MA's), (Start: 112 @45221 has 1 MA's), (120, 45203), (141, 45134),

Gene: MissWhite_76 Start: 44037, Stop: 43771, Start Num: 92
Candidate Starts for MissWhite_76:
(7, 44595), (22, 44283), (Start: 92 @44037 has 27 MA's), (106, 44019), (Start: 116 @44001 has 1 MA's), (128, 43965), (152, 43869),

Gene: Mkhuseleli_73 Start: 44816, Stop: 44517, Start Num: 89
Candidate Starts for Mkhuseleli_73:
(Start: 89 @44816 has 205 MA's), (Start: 118 @44771 has 2 MA's), (119, 44768), (139, 44699), (147, 44672), (150, 44648),

Gene: Molly_76 Start: 46458, Stop: 46159, Start Num: 89
Candidate Starts for Molly_76:
(Start: 75 @46488 has 1 MA's), (Start: 89 @46458 has 205 MA's), (Start: 118 @46413 has 2 MA's), (119, 46410), (139, 46341), (150, 46290),

Gene: Monet_80 Start: 48495, Stop: 48196, Start Num: 89
Candidate Starts for Monet_80:
(64, 48555), (Start: 89 @48495 has 205 MA's), (Start: 118 @48450 has 2 MA's), (119, 48447), (139, 48378), (150, 48327),

Gene: MoneyMay_80 Start: 45630, Stop: 45367, Start Num: 104
Candidate Starts for MoneyMay_80:
(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: Montavir_75 Start: 45627, Stop: 45364, Start Num: 104
Candidate Starts for Montavir_75:
(69, 45690), (77, 45672), (Start: 104 @45627 has 62 MA's), (115, 45606),

Gene: Moose_78 Start: 47631, Stop: 47332, Start Num: 89
Candidate Starts for Moose_78:
(Start: 75 @47661 has 1 MA's), (Start: 89 @47631 has 205 MA's), (Start: 118 @47586 has 2 MA's), (119, 47583), (139, 47514), (150, 47463),

Gene: Morpher26_74 Start: 45732, Stop: 45418, Start Num: 66
Candidate Starts for Morpher26_74:
(Start: 66 @45732 has 2 MA's), (Start: 67 @45729 has 7 MA's), (Start: 78 @45711 has 166 MA's), (Start: 79 @45708 has 38 MA's), (114, 45678), (120, 45666), (131, 45627), (142, 45594),

Gene: Morrow_77 Start: 45687, Stop: 45388, Start Num: 78
Candidate Starts for Morrow_77:
(Start: 78 @45687 has 166 MA's), (Start: 113 @45645 has 3 MA's),

Gene: MrGordo_77 Start: 46387, Stop: 46088, Start Num: 89
Candidate Starts for MrGordo_77:
(80, 46405), (Start: 89 @46387 has 205 MA's), (Start: 118 @46342 has 2 MA's), (119, 46339), (139, 46270), (150, 46219),

Gene: Mryolo_71 Start: 45416, Stop: 45117, Start Num: 89
Candidate Starts for Mryolo_71:
(Start: 75 @45446 has 1 MA's), (Start: 89 @45416 has 205 MA's), (Start: 118 @45371 has 2 MA's), (119, 45368), (139, 45299), (150, 45248),

Gene: Mulciber_82 Start: 46375, Stop: 46079, Start Num: 91
Candidate Starts for Mulciber_82:
(Start: 91 @46375 has 32 MA's), (97, 46366), (115, 46336), (119, 46327), (147, 46237),

Gene: Mule_75 Start: 46498, Stop: 46199, Start Num: 89
Candidate Starts for Mule_75:
(Start: 75 @46528 has 1 MA's), (Start: 89 @46498 has 205 MA's), (Start: 118 @46453 has 2 MA's),
(119, 46450), (139, 46381), (150, 46330),

Gene: Munch_84 Start: 46838, Stop: 46542, Start Num: 91
Candidate Starts for Munch_84:
(Start: 91 @46838 has 32 MA's), (97, 46829), (100, 46826), (115, 46799), (119, 46790), (147, 46700),

Gene: Mundrea_74 Start: 45707, Stop: 45417, Start Num: 78
Candidate Starts for Mundrea_74:
(Start: 78 @45707 has 166 MA's), (Start: 112 @45686 has 1 MA's), (120, 45668), (123, 45659), (142,
45596),

Gene: Museum_76 Start: 47521, Stop: 47222, Start Num: 89
Candidate Starts for Museum_76:
(Start: 75 @47551 has 1 MA's), (Start: 89 @47521 has 205 MA's), (Start: 118 @47476 has 2 MA's),
(119, 47473), (139, 47404), (150, 47353),

Gene: MyraDee_79 Start: 44293, Stop: 44003, Start Num: 94
Candidate Starts for MyraDee_79:
(Start: 94 @44293 has 2 MA's), (117, 44254),

Gene: Myxus_87 Start: 48032, Stop: 47766, Start Num: 107
Candidate Starts for Myxus_87:
(Start: 92 @48050 has 27 MA's), (Start: 107 @48032 has 17 MA's), (Start: 116 @48011 has 1 MA's),
(147, 47915),

Gene: NEHalo_72 Start: 46331, Stop: 46032, Start Num: 89
Candidate Starts for NEHalo_72:
(Start: 75 @46361 has 1 MA's), (Start: 89 @46331 has 205 MA's), (Start: 118 @46286 has 2 MA's),
(119, 46283), (139, 46214), (150, 46163),

Gene: NaSiaTalie_84 Start: 47457, Stop: 47146, Start Num: 79
Candidate Starts for NaSiaTalie_84:
(Start: 79 @47457 has 38 MA's), (88, 47445), (Start: 112 @47415 has 1 MA's), (114, 47409), (120,
47394),

Gene: Naca_73 Start: 45403, Stop: 45119, Start Num: 91
Candidate Starts for Naca_73:
(Start: 85 @45415 has 1 MA's), (Start: 91 @45403 has 32 MA's), (114, 45376), (147, 45271), (150,
45247),

Gene: Naira_78 Start: 48004, Stop: 47705, Start Num: 89
Candidate Starts for Naira_78:
(64, 48064), (Start: 89 @48004 has 205 MA's), (Start: 118 @47959 has 2 MA's), (119, 47956), (139,
47887), (150, 47836),

Gene: Nebs_76 Start: 45687, Stop: 45388, Start Num: 78

Candidate Starts for Nebs_76:

(Start: 78 @45687 has 166 MA's), (Start: 113 @45645 has 3 MA's),

Gene: Neeharika16_82 Start: 45659, Stop: 45369, Start Num: 78

Candidate Starts for Neeharika16_82:

(28, 45803), (38, 45773), (57, 45707), (Start: 60 @45701 has 1 MA's), (Start: 78 @45659 has 166 MA's), (Start: 113 @45617 has 3 MA's), (114, 45614), (Start: 116 @45608 has 1 MA's), (Start: 118 @45605 has 2 MA's), (122, 45596), (142, 45539),

Gene: Nemo27_74 Start: 45643, Stop: 45344, Start Num: 78

Candidate Starts for Nemo27_74:

(Start: 78 @45643 has 166 MA's), (Start: 113 @45601 has 3 MA's),

Gene: Nerujay_80 Start: 48773, Stop: 48474, Start Num: 89

Candidate Starts for Nerujay_80:

(25, 48980), (27, 48953), (39, 48911), (41, 48908), (49, 48881), (53, 48869), (56, 48860), (59, 48845), (65, 48830), (80, 48791), (Start: 89 @48773 has 205 MA's), (Start: 118 @48728 has 2 MA's), (119, 48725), (139, 48656), (150, 48605),

Gene: Newrala_82 Start: 45995, Stop: 45705, Start Num: 78

Candidate Starts for Newrala_82:

(28, 46139), (38, 46109), (57, 46043), (Start: 60 @46037 has 1 MA's), (Start: 78 @45995 has 166 MA's), (Start: 113 @45953 has 3 MA's), (114, 45950), (Start: 116 @45944 has 1 MA's), (Start: 118 @45941 has 2 MA's), (122, 45932), (142, 45875),

Gene: Nhonho_72 Start: 46492, Stop: 46193, Start Num: 89

Candidate Starts for Nhonho_72:

(84, 46501), (Start: 89 @46492 has 205 MA's), (Start: 118 @46447 has 2 MA's), (119, 46444), (139, 46375), (150, 46324),

Gene: NicoleTera_81 Start: 47391, Stop: 47083, Start Num: 79

Candidate Starts for NicoleTera_81:

(Start: 79 @47391 has 38 MA's), (Start: 112 @47352 has 1 MA's), (120, 47331),

Gene: Niza_76 Start: 47804, Stop: 47505, Start Num: 89

Candidate Starts for Niza_76:

(Start: 75 @47834 has 1 MA's), (Start: 89 @47804 has 205 MA's), (Start: 118 @47759 has 2 MA's), (119, 47756), (139, 47687), (150, 47636),

Gene: Noella_80 Start: 46000, Stop: 45722, Start Num: 105

Candidate Starts for Noella_80:

(Start: 87 @46021 has 11 MA's), (Start: 103 @46003 has 7 MA's), (Start: 105 @46000 has 24 MA's),

Gene: Noelle_75 Start: 46056, Stop: 45739, Start Num: 67

Candidate Starts for Noelle_75:

(Start: 66 @46059 has 2 MA's), (Start: 67 @46056 has 7 MA's), (Start: 78 @46038 has 166 MA's), (Start: 79 @46035 has 38 MA's), (120, 45990), (131, 45951), (142, 45918),

Gene: Norbert_75 Start: 46000, Stop: 45719, Start Num: 103

Candidate Starts for Norbert_75:

(Start: 87 @46018 has 11 MA's), (Start: 103 @46000 has 7 MA's), (Start: 105 @45997 has 24 MA's),

Gene: NorthStar_72 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for NorthStar_72:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Norz_72 Start: 47994, Stop: 47695, Start Num: 89

Candidate Starts for Norz_72:

(64, 48054), (Start: 89 @47994 has 205 MA's), (Start: 118 @47949 has 2 MA's), (119, 47946), (139, 47877), (150, 47826),

Gene: NotAPhaseMom_74 Start: 45648, Stop: 45349, Start Num: 78

Candidate Starts for NotAPhaseMom_74:

(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: NothingSpecial_78 Start: 47348, Stop: 47028, Start Num: 73

Candidate Starts for NothingSpecial_78:

(1, 48203), (6, 47891), (19, 47591), (Start: 73 @47348 has 3 MA's), (88, 47333), (102, 47315), (Start: 112 @47300 has 1 MA's), (Start: 116 @47288 has 1 MA's), (156, 47120),

Gene: Noxious_69 Start: 45532, Stop: 45233, Start Num: 89

Candidate Starts for Noxious_69:

(Start: 89 @45532 has 205 MA's), (Start: 118 @45487 has 2 MA's), (119, 45484), (139, 45415), (150, 45364),

Gene: Nyxis_74 Start: 45526, Stop: 45227, Start Num: 78

Candidate Starts for Nyxis_74:

(Start: 78 @45526 has 166 MA's), (Start: 113 @45484 has 3 MA's),

Gene: OKCentral2016_82 Start: 47617, Stop: 47324, Start Num: 87

Candidate Starts for OKCentral2016_82:

(13, 47977), (20, 47881), (Start: 87 @47617 has 11 MA's), (123, 47563),

Gene: OKaNui_74 Start: 45697, Stop: 45398, Start Num: 78

Candidate Starts for OKaNui_74:

(Start: 78 @45697 has 166 MA's), (Start: 113 @45655 has 3 MA's),

Gene: Obama12_76 Start: 46071, Stop: 45769, Start Num: 78

Candidate Starts for Obama12_76:

(Start: 78 @46071 has 166 MA's), (Start: 113 @46029 has 3 MA's), (142, 45951),

Gene: Ohfah_76 Start: 45687, Stop: 45388, Start Num: 78

Candidate Starts for Ohfah_76:

(Start: 78 @45687 has 166 MA's), (Start: 113 @45645 has 3 MA's),

Gene: Ohno789_79 Start: 48554, Stop: 48255, Start Num: 89

Candidate Starts for Ohno789_79:

(Start: 75 @48584 has 1 MA's), (Start: 89 @48554 has 205 MA's), (Start: 118 @48509 has 2 MA's), (119, 48506), (139, 48437), (150, 48386),

Gene: OlanP_78 Start: 45614, Stop: 45351, Start Num: 104

Candidate Starts for OlanP_78:

(69, 45677), (77, 45659), (Start: 104 @45614 has 62 MA's), (115, 45593),

Gene: Ollie_80 Start: 45498, Stop: 45235, Start Num: 104

Candidate Starts for Ollie_80:

(69, 45561), (77, 45543), (Start: 104 @45498 has 62 MA's), (115, 45477),

Gene: Onglai_85 Start: 46179, Stop: 45916, Start Num: 107

Candidate Starts for Onglai_85:

(Start: 92 @46197 has 27 MA's), (Start: 107 @46179 has 17 MA's), (Start: 116 @46158 has 1 MA's), (147, 46062),

Gene: Oogway_75 Start: 47385, Stop: 47086, Start Num: 89

Candidate Starts for Oogway_75:

(64, 47445), (Start: 89 @47385 has 205 MA's), (Start: 118 @47340 has 2 MA's), (119, 47337), (139, 47268), (150, 47217),

Gene: Orange_84 Start: 46388, Stop: 46092, Start Num: 91

Candidate Starts for Orange_84:

(Start: 91 @46388 has 32 MA's), (97, 46379), (100, 46376), (115, 46349), (119, 46340), (147, 46250),

Gene: P28Green_80 Start: 45633, Stop: 45370, Start Num: 104

Candidate Starts for P28Green_80:

(69, 45696), (77, 45678), (Start: 104 @45633 has 62 MA's), (115, 45612),

Gene: PP_76 Start: 49639, Stop: 49325, Start Num: 62

Candidate Starts for PP_76:

(51, 49672), (Start: 62 @49639 has 1 MA's), (64, 49633), (Start: 79 @49600 has 38 MA's), (95, 49576), (114, 49558), (119, 49546),

Gene: PSullivan_74 Start: 45604, Stop: 45305, Start Num: 89

Candidate Starts for PSullivan_74:

(Start: 75 @45634 has 1 MA's), (Start: 89 @45604 has 205 MA's), (Start: 118 @45559 has 2 MA's), (119, 45556), (139, 45487), (150, 45436),

Gene: PacerPaul_81 Start: 48867, Stop: 48568, Start Num: 89

Candidate Starts for PacerPaul_81:

(64, 48927), (Start: 89 @48867 has 205 MA's), (Start: 118 @48822 has 2 MA's), (119, 48819), (139, 48750), (150, 48699),

Gene: PainterBoy_82 Start: 46744, Stop: 46481, Start Num: 92

Candidate Starts for PainterBoy_82:

(8, 47308), (22, 46990), (Start: 92 @46744 has 27 MA's), (Start: 116 @46708 has 1 MA's), (Start: 118 @46705 has 2 MA's),

Gene: Palestino_74 Start: 45644, Stop: 45345, Start Num: 78

Candidate Starts for Palestino_74:

(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Panamaxus_76 Start: 45999, Stop: 45721, Start Num: 105

Candidate Starts for Panamaxus_76:

(Start: 87 @46020 has 11 MA's), (Start: 103 @46002 has 7 MA's), (Start: 105 @45999 has 24 MA's), (115, 45981),

Gene: Papez_78 Start: 47995, Stop: 47696, Start Num: 89

Candidate Starts for Papez_78:

(64, 48055), (Start: 89 @47995 has 205 MA's), (Start: 118 @47950 has 2 MA's), (119, 47947), (139, 47878), (150, 47827),

Gene: Paphu_71 Start: 46029, Stop: 45730, Start Num: 89

Candidate Starts for Paphu_71:

(Start: 75 @46059 has 1 MA's), (Start: 89 @46029 has 205 MA's), (Start: 118 @45984 has 2 MA's), (119, 45981), (139, 45912), (150, 45861),

Gene: Paraselene_74 Start: 46678, Stop: 46379, Start Num: 89

Candidate Starts for Paraselene_74:

(64, 46738), (Start: 89 @46678 has 205 MA's), (Start: 118 @46633 has 2 MA's), (119, 46630), (139, 46561), (150, 46510),

Gene: Pari_81 Start: 47398, Stop: 47099, Start Num: 89

Candidate Starts for Pari_81:

(Start: 75 @47428 has 1 MA's), (Start: 89 @47398 has 205 MA's), (Start: 118 @47353 has 2 MA's), (119, 47350), (139, 47281), (150, 47230),

Gene: Parliament_77 Start: 49579, Stop: 49280, Start Num: 89

Candidate Starts for Parliament_77:

(Start: 75 @49609 has 1 MA's), (Start: 89 @49579 has 205 MA's), (Start: 118 @49534 has 2 MA's), (119, 49531), (139, 49462), (150, 49411),

Gene: PascalRango_74 Start: 46673, Stop: 46374, Start Num: 89

Candidate Starts for PascalRango_74:

(Start: 75 @46703 has 1 MA's), (Start: 89 @46673 has 205 MA's), (Start: 118 @46628 has 2 MA's), (119, 46625), (139, 46556), (150, 46505),

Gene: PattyP_76 Start: 47227, Stop: 46928, Start Num: 89

Candidate Starts for PattyP_76:

(Start: 75 @47257 has 1 MA's), (Start: 89 @47227 has 205 MA's), (Start: 118 @47182 has 2 MA's), (119, 47179), (139, 47110), (150, 47059),

Gene: Pawn_78 Start: 45442, Stop: 45179, Start Num: 104

Candidate Starts for Pawn_78:

(69, 45505), (77, 45487), (Start: 104 @45442 has 62 MA's), (115, 45421),

Gene: PeaceMeal1_80 Start: 47544, Stop: 47254, Start Num: 87

Candidate Starts for PeaceMeal1_80:

(2, 48351), (3, 48330), (4, 48318), (13, 47904), (20, 47808), (Start: 87 @47544 has 11 MA's), (Start: 101 @47529 has 3 MA's), (114, 47511),

Gene: Peaches_73 Start: 45646, Stop: 45347, Start Num: 78

Candidate Starts for Peaches_73:

(Start: 78 @45646 has 166 MA's), (Start: 113 @45604 has 3 MA's),

Gene: Pelly_79 Start: 49760, Stop: 49461, Start Num: 89

Candidate Starts for Pelly_79:

(Start: 75 @49790 has 1 MA's), (Start: 89 @49760 has 205 MA's), (Start: 118 @49715 has 2 MA's), (119, 49712), (139, 49643), (150, 49592),

Gene: Penny1_80 Start: 45631, Stop: 45368, Start Num: 104

Candidate Starts for Penny1_80:

(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Pepe_70 Start: 44682, Stop: 44383, Start Num: 89

Candidate Starts for Pepe_70:

(64, 44742), (Start: 89 @44682 has 205 MA's), (Start: 118 @44637 has 2 MA's), (119, 44634), (139, 44565), (150, 44514),

Gene: Perseus_76 Start: 48660, Stop: 48361, Start Num: 89

Candidate Starts for Perseus_76:

(Start: 75 @48690 has 1 MA's), (Start: 89 @48660 has 205 MA's), (Start: 118 @48615 has 2 MA's), (119, 48612), (139, 48543), (150, 48492),

Gene: PeterPeter_75 Start: 45641, Stop: 45342, Start Num: 78

Candidate Starts for PeterPeter_75:

(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: Petersenfast_78 Start: 45269, Stop: 44973, Start Num: 91

Candidate Starts for Petersenfast_78:

(Start: 91 @45269 has 32 MA's), (97, 45260), (100, 45257), (115, 45230), (119, 45221), (147, 45131),

Gene: Peterson_75 Start: 47826, Stop: 47527, Start Num: 89

Candidate Starts for Peterson_75:

(64, 47886), (Start: 89 @47826 has 205 MA's), (Start: 118 @47781 has 2 MA's), (119, 47778), (139, 47709), (150, 47658),

Gene: Petp2012_77 Start: 48008, Stop: 47709, Start Num: 89

Candidate Starts for Petp2012_77:

(64, 48068), (Start: 89 @48008 has 205 MA's), (Start: 118 @47963 has 2 MA's), (119, 47960), (139, 47891), (150, 47840),

Gene: Petruccio_76 Start: 46087, Stop: 45788, Start Num: 89

Candidate Starts for Petruccio_76:

(Start: 89 @46087 has 205 MA's), (Start: 118 @46042 has 2 MA's), (119, 46039), (139, 45970), (150, 45919),

Gene: PetterN_78 Start: 45190, Stop: 44906, Start Num: 91

Candidate Starts for PetterN_78:

(Start: 85 @45202 has 1 MA's), (Start: 91 @45190 has 32 MA's), (114, 45163), (147, 45058), (150, 45034),

Gene: Phacado_75 Start: 45643, Stop: 45344, Start Num: 78

Candidate Starts for Phacado_75:

(Start: 78 @45643 has 166 MA's), (Start: 113 @45601 has 3 MA's),

Gene: Phaded_76 Start: 48095, Stop: 47787, Start Num: 78

Candidate Starts for Phaded_76:

(Start: 78 @48095 has 166 MA's), (Start: 113 @48053 has 3 MA's), (131, 47993),

Gene: Phaeder_87 Start: 47907, Stop: 47641, Start Num: 107

Candidate Starts for Phaeder_87:

(Start: 92 @47925 has 27 MA's), (Start: 107 @47907 has 17 MA's), (Start: 116 @47886 has 1 MA's), (147, 47790),

Gene: Phantastic_80 Start: 45465, Stop: 45187, Start Num: 105

Candidate Starts for Phantastic_80:

(Start: 105 @45465 has 24 MA's),

Gene: Pharaoh_77 Start: 47219, Stop: 46926, Start Num: 92

Candidate Starts for Pharaoh_77:

(Start: 92 @47219 has 27 MA's), (109, 47195), (110, 47192), (120, 47168), (Start: 129 @47135 has 22 MA's),

Gene: Phelipe_76 Start: 45687, Stop: 45388, Start Num: 78

Candidate Starts for Phelipe_76:

(Start: 78 @45687 has 166 MA's), (Start: 113 @45645 has 3 MA's),

Gene: PherrisBueller_75 Start: 44946, Stop: 44647, Start Num: 89

Candidate Starts for PherrisBueller_75:

(64, 45006), (Start: 89 @44946 has 205 MA's), (Start: 118 @44901 has 2 MA's), (119, 44898), (139, 44829), (150, 44778),

Gene: Phighter1804_75 Start: 45708, Stop: 45409, Start Num: 78

Candidate Starts for Phighter1804_75:

(Start: 78 @45708 has 166 MA's), (Start: 113 @45666 has 3 MA's),

Gene: PhineBark_72 Start: 45958, Stop: 45659, Start Num: 89

Candidate Starts for PhineBark_72:

(Start: 75 @45988 has 1 MA's), (Start: 89 @45958 has 205 MA's), (Start: 118 @45913 has 2 MA's), (119, 45910), (139, 45841), (150, 45790),

Gene: PhishRPhriends_76 Start: 44622, Stop: 44359, Start Num: 104

Candidate Starts for PhishRPhriends_76:

(69, 44685), (77, 44667), (Start: 104 @44622 has 62 MA's), (115, 44601),

Gene: Phlippers_74 Start: 48309, Stop: 48010, Start Num: 89

Candidate Starts for Phlippers_74:

(64, 48369), (Start: 89 @48309 has 205 MA's), (Start: 118 @48264 has 2 MA's), (119, 48261), (139, 48192), (150, 48141),

Gene: Phoebe_81 Start: 45623, Stop: 45360, Start Num: 104

Candidate Starts for Phoebe_81:

(69, 45686), (77, 45668), (Start: 104 @45623 has 62 MA's), (115, 45602),

Gene: Phonnegut_87 Start: 47920, Stop: 47657, Start Num: 107

Candidate Starts for Phonnegut_87:

(Start: 92 @47938 has 27 MA's), (Start: 107 @47920 has 17 MA's), (Start: 116 @47899 has 1 MA's), (147, 47803),

Gene: Phontbonne_75 Start: 45542, Stop: 45243, Start Num: 78

Candidate Starts for Phontbonne_75:

(Start: 78 @45542 has 166 MA's), (Start: 113 @45500 has 3 MA's),

Gene: Phoxy_80 Start: 45652, Stop: 45389, Start Num: 104

Candidate Starts for Phoxy_80:

(69, 45715), (77, 45697), (Start: 104 @45652 has 62 MA's), (115, 45631),

Gene: PhrostyMug_78 Start: 48672, Stop: 48373, Start Num: 89

Candidate Starts for PhrostyMug_78:

(Start: 75 @48702 has 1 MA's), (Start: 89 @48672 has 205 MA's), (Start: 118 @48627 has 2 MA's), (119, 48624), (139, 48555), (150, 48504),

Gene: PinkPlastic_72 Start: 45594, Stop: 45295, Start Num: 89

Candidate Starts for PinkPlastic_72:

(64, 45654), (Start: 89 @45594 has 205 MA's), (Start: 118 @45549 has 2 MA's), (119, 45546), (139, 45477), (150, 45426),

Gene: Pinto_76 Start: 47457, Stop: 47158, Start Num: 89

Candidate Starts for Pinto_76:

(64, 47517), (Start: 89 @47457 has 205 MA's), (Start: 118 @47412 has 2 MA's), (119, 47409), (126, 47391), (139, 47340), (150, 47289),

Gene: Pioneer_87 Start: 47920, Stop: 47657, Start Num: 107

Candidate Starts for Pioneer_87:

(Start: 92 @47938 has 27 MA's), (Start: 107 @47920 has 17 MA's), (Start: 116 @47899 has 1 MA's), (147, 47803),

Gene: Pipcraft_71 Start: 45648, Stop: 45349, Start Num: 78

Candidate Starts for Pipcraft_71:

(Start: 78 @45648 has 166 MA's), (Start: 113 @45606 has 3 MA's),

Gene: Pippin_77 Start: 47099, Stop: 46800, Start Num: 89

Candidate Starts for Pippin_77:

(64, 47159), (Start: 89 @47099 has 205 MA's), (Start: 118 @47054 has 2 MA's), (119, 47051), (139, 46982), (150, 46931),

Gene: Piro94_82 Start: 47405, Stop: 47094, Start Num: 79

Candidate Starts for Piro94_82:

(Start: 79 @47405 has 38 MA's), (88, 47393), (114, 47357), (120, 47342),

Gene: Pistachio_79 Start: 45583, Stop: 45311, Start Num: 105

Candidate Starts for Pistachio_79:

(Start: 105 @45583 has 24 MA's),

Gene: Pita2_77 Start: 47100, Stop: 46801, Start Num: 89

Candidate Starts for Pita2_77:

(Start: 75 @47130 has 1 MA's), (Start: 89 @47100 has 205 MA's), (Start: 118 @47055 has 2 MA's), (119, 47052), (139, 46983), (150, 46932),

Gene: Pmask_82 Start: 46196, Stop: 45906, Start Num: 78

Candidate Starts for Pmask_82:

(28, 46340), (38, 46310), (57, 46244), (Start: 60 @46238 has 1 MA's), (Start: 78 @46196 has 166 MA's), (Start: 113 @46154 has 3 MA's), (114, 46151), (Start: 116 @46145 has 1 MA's), (Start: 118 @46142 has 2 MA's), (122, 46133), (142, 46076),

Gene: Pocahontas_78 Start: 45995, Stop: 45717, Start Num: 105

Candidate Starts for Pocahontas_78:

(Start: 87 @46016 has 11 MA's), (Start: 103 @45998 has 7 MA's), (Start: 105 @45995 has 24 MA's), (115, 45977),

Gene: Polymorphads_76 Start: 45668, Stop: 45369, Start Num: 78

Candidate Starts for Polymorphads_76:

(Start: 78 @45668 has 166 MA's),

Gene: Pomar16_83 Start: 47270, Stop: 46992, Start Num: 93

Candidate Starts for Pomar16_83:

(Start: 93 @47270 has 17 MA's), (114, 47237), (Start: 116 @47231 has 1 MA's), (152, 47096),

Gene: Poompha_80 Start: 47542, Stop: 47252, Start Num: 87

Candidate Starts for Poompha_80:

(18, 47818), (Start: 87 @47542 has 11 MA's), (Start: 101 @47527 has 3 MA's), (114, 47509),

Gene: Popcicle_79 Start: 45995, Stop: 45717, Start Num: 105

Candidate Starts for Popcicle_79:

(Start: 87 @46016 has 11 MA's), (Start: 103 @45998 has 7 MA's), (Start: 105 @45995 has 24 MA's), (115, 45977),

Gene: PotatoSplit_81 Start: 45631, Stop: 45368, Start Num: 104

Candidate Starts for PotatoSplit_81:

(69, 45694), (77, 45676), (Start: 104 @45631 has 62 MA's), (115, 45610),

Gene: Power_83 Start: 47968, Stop: 47660, Start Num: 79

Candidate Starts for Power_83:

(Start: 79 @47968 has 38 MA's), (114, 47920), (120, 47905), (136, 47863), (156, 47746),

Gene: PowerRanger_72 Start: 47032, Stop: 46733, Start Num: 89

Candidate Starts for PowerRanger_72:

(64, 47092), (Start: 89 @47032 has 205 MA's), (Start: 118 @46987 has 2 MA's), (119, 46984), (139, 46915), (150, 46864),

Gene: Priamo_85 Start: 45857, Stop: 45609, Start Num: 113

Candidate Starts for Priamo_85:

(Start: 78 @45899 has 166 MA's), (Start: 113 @45857 has 3 MA's), (114, 45854), (Start: 116 @45848 has 1 MA's), (Start: 118 @45845 has 2 MA's), (122, 45836), (142, 45779),

Gene: Prin Ashe11_68 Start: 43827, Stop: 43531, Start Num: 91

Candidate Starts for Prin Ashe11_68:

(Start: 91 @43827 has 32 MA's), (108, 43806), (111, 43800), (152, 43647),

Gene: Priya_85 Start: 47691, Stop: 47428, Start Num: 107

Candidate Starts for Priya_85:

(Start: 92 @47709 has 27 MA's), (Start: 107 @47691 has 17 MA's), (Start: 116 @47670 has 1 MA's), (147, 47574),

Gene: Prudy_78 Start: 47737, Stop: 47444, Start Num: 92

Candidate Starts for Prudy_78:

(Start: 92 @47737 has 27 MA's), (Start: 107 @47716 has 17 MA's), (109, 47713), (110, 47710), (Start: 118 @47692 has 2 MA's),

Gene: Pukovnik_77 Start: 47566, Stop: 47252, Start Num: 78

Candidate Starts for Pukovnik_77:

(Start: 78 @47566 has 166 MA's), (Start: 113 @47524 has 3 MA's), (142, 47446), (156, 47344),

Gene: Pumbaa_75 Start: 45592, Stop: 45293, Start Num: 78

Candidate Starts for Pumbaa_75:

(Start: 78 @45592 has 166 MA's), (Start: 113 @45550 has 3 MA's),

Gene: Puppet_71 Start: 47317, Stop: 47018, Start Num: 89

Candidate Starts for Puppet_71:

(Start: 75 @47347 has 1 MA's), (Start: 89 @47317 has 205 MA's), (Start: 118 @47272 has 2 MA's), (119, 47269), (139, 47200), (150, 47149),

Gene: Puppy_80 Start: 45653, Stop: 45381, Start Num: 105

Candidate Starts for Puppy_80:

(Start: 105 @45653 has 24 MA's),

Gene: PurpleHaze_79 Start: 45438, Stop: 45175, Start Num: 104

Candidate Starts for PurpleHaze_79:

(69, 45501), (77, 45483), (Start: 104 @45438 has 62 MA's), (115, 45417),

Gene: QTRlifeCrisis_75 Start: 46442, Stop: 46143, Start Num: 89

Candidate Starts for QTRlifeCrisis_75:

(Start: 89 @46442 has 205 MA's), (Start: 118 @46397 has 2 MA's), (119, 46394), (139, 46325), (150, 46274),

Gene: Qobbit_85 Start: 47653, Stop: 47390, Start Num: 107

Candidate Starts for Qobbit_85:

(Start: 92 @47671 has 27 MA's), (Start: 107 @47653 has 17 MA's), (Start: 116 @47632 has 1 MA's), (147, 47536),

Gene: QueenB2_80 Start: 47058, Stop: 46753, Start Num: 79

Candidate Starts for QueenB2_80:

(Start: 79 @47058 has 38 MA's), (114, 47013), (156, 46839),

Gene: QueenBeesly_83 Start: 47765, Stop: 47457, Start Num: 79

Candidate Starts for QueenBeesly_83:

(Start: 79 @47765 has 38 MA's), (114, 47717), (120, 47702), (136, 47660), (156, 47543),

Gene: QuinnKiro_78 Start: 46001, Stop: 45720, Start Num: 103

Candidate Starts for QuinnKiro_78:

(Start: 87 @46019 has 11 MA's), (Start: 103 @46001 has 7 MA's), (Start: 105 @45998 has 24 MA's), (115, 45980),

Gene: Quokka_85 Start: 46815, Stop: 46540, Start Num: 93

Candidate Starts for Quokka_85:

(22, 47064), (Start: 93 @46815 has 17 MA's), (109, 46794), (114, 46782),

Gene: Rachaly_80 Start: 46883, Stop: 46569, Start Num: 71

Candidate Starts for Rachaly_80:

(Start: 71 @46883 has 4 MA's), (Start: 93 @46856 has 17 MA's), (102, 46847), (144, 46760),

Gene: Rahalelujah_86 Start: 47466, Stop: 47197, Start Num: 92

Candidate Starts for Rahalelujah_86:

(Start: 92 @47466 has 27 MA's), (Start: 107 @47448 has 17 MA's), (Start: 116 @47427 has 1 MA's),

Gene: Raid_73 Start: 46344, Stop: 46045, Start Num: 89

Candidate Starts for Raid_73:

(Start: 89 @46344 has 205 MA's), (Start: 118 @46299 has 2 MA's), (119, 46296), (139, 46227), (150, 46176),

Gene: Rajelicia_78 Start: 49280, Stop: 48981, Start Num: 89

Candidate Starts for Rajelicia_78:

(64, 49340), (Start: 89 @49280 has 205 MA's), (Start: 118 @49235 has 2 MA's), (119, 49232), (139, 49163), (150, 49112),

Gene: Reba_75 Start: 44278, Stop: 44015, Start Num: 104

Candidate Starts for Reba_75:

(69, 44341), (77, 44323), (Start: 104 @44278 has 62 MA's), (115, 44257),

Gene: Rebeuca_84 Start: 48801, Stop: 48520, Start Num: 87

Candidate Starts for Rebeuca_84:

(11, 49209), (17, 49113), (72, 48825), (Start: 87 @48801 has 11 MA's),

Gene: RedRock_83 Start: 48017, Stop: 47718, Start Num: 81

Candidate Starts for RedRock_83:

(Start: 81 @48017 has 6 MA's), (90, 48005), (Start: 92 @48002 has 27 MA's), (Start: 93 @47999 has 17 MA's), (Start: 112 @47978 has 1 MA's), (120, 47957),

Gene: Refuge_80 Start: 47830, Stop: 47555, Start Num: 92

Candidate Starts for Refuge_80:

(Start: 92 @47830 has 27 MA's), (Start: 107 @47809 has 17 MA's), (Start: 118 @47785 has 2 MA's), (123, 47773),

Gene: Relief_74 Start: 45644, Stop: 45345, Start Num: 78

Candidate Starts for Relief_74:

(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: ResDef_77 Start: 46001, Stop: 45723, Start Num: 105

Candidate Starts for ResDef_77:

(Start: 87 @46022 has 11 MA's), (Start: 103 @46004 has 7 MA's), (Start: 105 @46001 has 24 MA's), (115, 45983),

Gene: Retro23_83 Start: 47489, Stop: 47184, Start Num: 79

Candidate Starts for Retro23_83:

(Start: 79 @47489 has 38 MA's), (114, 47444), (120, 47429), (136, 47387), (156, 47270),

Gene: RhynO_71 Start: 44245, Stop: 43955, Start Num: 87

Candidate Starts for RhynO_71:

(Start: 87 @44245 has 11 MA's),

Gene: Rhynn_72 Start: 46867, Stop: 46568, Start Num: 89

Candidate Starts for Rhynn_72:

(Start: 75 @46897 has 1 MA's), (Start: 89 @46867 has 205 MA's), (Start: 118 @46822 has 2 MA's), (119, 46819), (139, 46750), (143, 46738), (150, 46699),

Gene: Rifter_84 Start: 45121, Stop: 44810, Start Num: 129

Candidate Starts for Rifter_84:

(14, 45574), (32, 45367), (35, 45361), (100, 45193), (Start: 129 @45121 has 22 MA's), (133, 45103), (134, 45100), (135, 45097), (137, 45094), (138, 45085), (140, 45079), (141, 45076), (146, 45055), (151, 45019),

Gene: Ringer_76 Start: 47812, Stop: 47513, Start Num: 89

Candidate Starts for Ringer_76:

(84, 47821), (Start: 89 @47812 has 205 MA's), (Start: 118 @47767 has 2 MA's), (119, 47764), (139, 47695), (150, 47644),

Gene: RockieBear_72 Start: 45646, Stop: 45347, Start Num: 78

Candidate Starts for RockieBear_72:

(Start: 78 @45646 has 166 MA's), (Start: 113 @45604 has 3 MA's),

Gene: Rohr_79 Start: 49063, Stop: 48764, Start Num: 89

Candidate Starts for Rohr_79:

(64, 49123), (Start: 89 @49063 has 205 MA's), (Start: 118 @49018 has 2 MA's), (119, 49015), (139, 48946), (150, 48895),

Gene: Roimos_77 Start: 45892, Stop: 45608, Start Num: 105

Candidate Starts for Roimos_77:

(Start: 105 @45892 has 24 MA's), (154, 45688),

Gene: Roksolana_84 Start: 45837, Stop: 45574, Start Num: 129

Candidate Starts for Roksolana_84:

(24, 46137), (33, 46080), (35, 46077), (50, 46032), (100, 45909), (Start: 129 @45837 has 22 MA's), (134, 45825), (137, 45819), (146, 45780),

Gene: Romney_74 Start: 45644, Stop: 45345, Start Num: 78

Candidate Starts for Romney_74:

(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Roosevelt_73 Start: 45649, Stop: 45350, Start Num: 78

Candidate Starts for Roosevelt_73:

(Start: 78 @45649 has 166 MA's), (Start: 113 @45607 has 3 MA's),

Gene: Rosa24_71 Start: 45675, Stop: 45376, Start Num: 78

Candidate Starts for Rosa24_71:

(Start: 78 @45675 has 166 MA's), (Start: 113 @45633 has 3 MA's),

Gene: Rowdy_86 Start: 48631, Stop: 48341, Start Num: 87

Candidate Starts for Rowdy_86:

(Start: 87 @48631 has 11 MA's),

Gene: Rubeus_77 Start: 45563, Stop: 45264, Start Num: 89

Candidate Starts for Rubeus_77:

(64, 45623), (Start: 89 @45563 has 205 MA's), (Start: 118 @45518 has 2 MA's), (119, 45515), (139, 45446), (150, 45395),

Gene: Rufus_79 Start: 48252, Stop: 47953, Start Num: 89

Candidate Starts for Rufus_79:

(64, 48312), (Start: 89 @48252 has 205 MA's), (Start: 118 @48207 has 2 MA's), (119, 48204), (139, 48135), (150, 48084),

Gene: Ruin_75 Start: 45640, Stop: 45341, Start Num: 78

Candidate Starts for Ruin_75:

(Start: 78 @45640 has 166 MA's), (Start: 113 @45598 has 3 MA's),

Gene: Rummer_79 Start: 45655, Stop: 45392, Start Num: 104
Candidate Starts for Rummer_79:
(69, 45718), (77, 45700), (Start: 104 @45655 has 62 MA's), (115, 45634),

Gene: Ruotula_80 Start: 48665, Stop: 48366, Start Num: 89
Candidate Starts for Ruotula_80:
(Start: 89 @48665 has 205 MA's), (96, 48653), (Start: 118 @48620 has 2 MA's), (119, 48617), (139, 48548), (150, 48497),

Gene: Rutherferd_78 Start: 47832, Stop: 47533, Start Num: 89
Candidate Starts for Rutherferd_78:
(Start: 89 @47832 has 205 MA's), (Start: 118 @47787 has 2 MA's), (119, 47784), (139, 47715), (150, 47664),

Gene: RyeScarlet_88 Start: 47915, Stop: 47631, Start Num: 92
Candidate Starts for RyeScarlet_88:
(Start: 92 @47915 has 27 MA's), (Start: 116 @47876 has 1 MA's), (147, 47780),

Gene: STLscum_82 Start: 47874, Stop: 47575, Start Num: 89
Candidate Starts for STLscum_82:
(Start: 75 @47904 has 1 MA's), (Start: 89 @47874 has 205 MA's), (Start: 118 @47829 has 2 MA's), (119, 47826), (139, 47757), (150, 47706),

Gene: Sabertooth_75 Start: 45652, Stop: 45353, Start Num: 78
Candidate Starts for Sabertooth_75:
(Start: 78 @45652 has 166 MA's), (Start: 113 @45610 has 3 MA's),

Gene: Sabinator_78 Start: 45629, Stop: 45366, Start Num: 104
Candidate Starts for Sabinator_78:
(69, 45692), (77, 45674), (Start: 104 @45629 has 62 MA's), (115, 45608),

Gene: Sachima_83 Start: 47953, Stop: 47669, Start Num: 92
Candidate Starts for Sachima_83:
(Start: 92 @47953 has 27 MA's), (Start: 116 @47914 has 1 MA's), (147, 47818),

Gene: Sagefire_73 Start: 46922, Stop: 46623, Start Num: 89
Candidate Starts for Sagefire_73:
(64, 46982), (Start: 89 @46922 has 205 MA's), (Start: 118 @46877 has 2 MA's), (119, 46874), (139, 46805), (150, 46754),

Gene: Salz_79 Start: 45184, Stop: 44888, Start Num: 91
Candidate Starts for Salz_79:
(Start: 91 @45184 has 32 MA's), (97, 45175), (115, 45145), (119, 45136), (147, 45046),

Gene: Sandaddy_74 Start: 47254, Stop: 46955, Start Num: 89
Candidate Starts for Sandaddy_74:
(Start: 75 @47284 has 1 MA's), (Start: 89 @47254 has 205 MA's), (Start: 118 @47209 has 2 MA's), (119, 47206), (139, 47137), (150, 47086),

Gene: Sanya_71 Start: 47559, Stop: 47260, Start Num: 89
Candidate Starts for Sanya_71:

(64, 47619), (Start: 89 @47559 has 205 MA's), (Start: 118 @47514 has 2 MA's), (119, 47511), (139, 47442),

Gene: SarFire_80 Start: 48896, Stop: 48597, Start Num: 89

Candidate Starts for SarFire_80:

(64, 48956), (Start: 89 @48896 has 205 MA's), (Start: 118 @48851 has 2 MA's), (119, 48848), (139, 48779), (150, 48728),

Gene: Saskia_81 Start: 45732, Stop: 45436, Start Num: 91

Candidate Starts for Saskia_81:

(Start: 91 @45732 has 32 MA's), (97, 45723), (115, 45693), (119, 45684), (147, 45594),

Gene: SaturnRing_79 Start: 46036, Stop: 45764, Start Num: 105

Candidate Starts for SaturnRing_79:

(Start: 105 @46036 has 24 MA's),

Gene: Scamp_75 Start: 45649, Stop: 45350, Start Num: 78

Candidate Starts for Scamp_75:

(Start: 78 @45649 has 166 MA's), (Start: 113 @45607 has 3 MA's),

Gene: Scherzo_85 Start: 47952, Stop: 47689, Start Num: 107

Candidate Starts for Scherzo_85:

(Start: 92 @47970 has 27 MA's), (Start: 107 @47952 has 17 MA's), (Start: 116 @47931 has 1 MA's), (147, 47835),

Gene: Scout_78 Start: 45217, Stop: 44933, Start Num: 105

Candidate Starts for Scout_78:

(Start: 105 @45217 has 24 MA's), (154, 45013),

Gene: Scowl_77 Start: 47219, Stop: 46920, Start Num: 89

Candidate Starts for Scowl_77:

(64, 47279), (Start: 89 @47219 has 205 MA's), (Start: 118 @47174 has 2 MA's), (119, 47171), (139, 47102), (150, 47051),

Gene: Seabiscuit_77 Start: 46319, Stop: 46020, Start Num: 89

Candidate Starts for Seabiscuit_77:

(64, 46379), (Start: 89 @46319 has 205 MA's), (Start: 118 @46274 has 2 MA's), (119, 46271), (139, 46202), (150, 46151),

Gene: Seanderson_76 Start: 48623, Stop: 48324, Start Num: 89

Candidate Starts for Seanderson_76:

(64, 48683), (Start: 89 @48623 has 205 MA's), (Start: 118 @48578 has 2 MA's), (119, 48575), (139, 48506), (150, 48455),

Gene: SemperFi_83 Start: 47653, Stop: 47345, Start Num: 79

Candidate Starts for SemperFi_83:

(Start: 79 @47653 has 38 MA's), (114, 47605), (120, 47590), (136, 47548), (156, 47431),

Gene: SenorClean_76 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for SenorClean_76:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Serenity_86 Start: 46855, Stop: 46580, Start Num: 93

Candidate Starts for Serenity_86:

(22, 47104), (Start: 93 @46855 has 17 MA's), (Start: 112 @46828 has 1 MA's), (114, 46822), (Start: 116 @46816 has 1 MA's),

Gene: Severus_81 Start: 47539, Stop: 47252, Start Num: 87

Candidate Starts for Severus_81:

(2, 48346), (3, 48325), (4, 48313), (13, 47899), (20, 47803), (Start: 87 @47539 has 11 MA's), (Start: 101 @47524 has 3 MA's), (114, 47506),

Gene: Shaka_73 Start: 45645, Stop: 45346, Start Num: 78

Candidate Starts for Shaka_73:

(Start: 78 @45645 has 166 MA's), (Start: 113 @45603 has 3 MA's),

Gene: Sham4_80 Start: 45270, Stop: 44971, Start Num: 91

Candidate Starts for Sham4_80:

(Start: 91 @45270 has 32 MA's), (97, 45261), (115, 45231), (119, 45222), (147, 45132),

Gene: Shapes_86 Start: 48631, Stop: 48341, Start Num: 87

Candidate Starts for Shapes_86:

(Start: 87 @48631 has 11 MA's),

Gene: SheaKeira_82 Start: 47212, Stop: 46940, Start Num: 92

Candidate Starts for SheaKeira_82:

(Start: 92 @47212 has 27 MA's), (Start: 107 @47194 has 17 MA's), (Start: 116 @47173 has 1 MA's),

Gene: Sheen_75 Start: 48554, Stop: 48285, Start Num: 105

Candidate Starts for Sheen_75:

(30, 48746), (34, 48728), (52, 48674), (54, 48671), (Start: 105 @48554 has 24 MA's), (Start: 112 @48542 has 1 MA's), (124, 48506), (127, 48500), (136, 48464), (147, 48425), (150, 48401),

Gene: SheldonCooper_75 Start: 46085, Stop: 45786, Start Num: 78

Candidate Starts for SheldonCooper_75:

(Start: 78 @46085 has 166 MA's), (Start: 113 @46043 has 3 MA's),

Gene: ShortQueendom_69 Start: 44928, Stop: 44629, Start Num: 89

Candidate Starts for ShortQueendom_69:

(64, 44988), (Start: 89 @44928 has 205 MA's), (Start: 118 @44883 has 2 MA's), (119, 44880), (139, 44811), (150, 44760),

Gene: Shygu2_74 Start: 45745, Stop: 45449, Start Num: 78

Candidate Starts for Shygu2_74:

(Start: 78 @45745 has 166 MA's), (Start: 113 @45703 has 3 MA's), (142, 45625),

Gene: Sibs6_76 Start: 44568, Stop: 44269, Start Num: 89

Candidate Starts for Sibs6_76:

(Start: 75 @44598 has 1 MA's), (Start: 89 @44568 has 205 MA's), (Start: 118 @44523 has 2 MA's), (119, 44520), (139, 44451), (150, 44400),

Gene: SkiPole_85 Start: 48224, Stop: 47925, Start Num: 89

Candidate Starts for SkiPole_85:

(64, 48284), (Start: 89 @48224 has 205 MA's), (Start: 118 @48179 has 2 MA's), (119, 48176), (139, 48107), (150, 48056),

Gene: Skipitt_74 Start: 45641, Stop: 45342, Start Num: 78
Candidate Starts for Skipitt_74:
(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: Sknot_83 Start: 47264, Stop: 46953, Start Num: 79
Candidate Starts for Sknot_83:
(Start: 79 @47264 has 38 MA's), (88, 47252), (Start: 112 @47222 has 1 MA's), (114, 47216), (120, 47201),

Gene: Slagathor_77 Start: 48080, Stop: 47781, Start Num: 89
Candidate Starts for Slagathor_77:
(64, 48140), (Start: 89 @48080 has 205 MA's), (Start: 118 @48035 has 2 MA's), (119, 48032), (139, 47963), (150, 47912),

Gene: Smairt_80 Start: 49688, Stop: 49389, Start Num: 89
Candidate Starts for Smairt_80:
(Start: 75 @49718 has 1 MA's), (Start: 89 @49688 has 205 MA's), (Start: 118 @49643 has 2 MA's), (119, 49640), (139, 49571), (150, 49520),

Gene: Smeagan_86 Start: 48201, Stop: 47893, Start Num: 78
Candidate Starts for Smeagan_86:
(Start: 78 @48201 has 166 MA's), (Start: 79 @48198 has 38 MA's), (Start: 112 @48156 has 1 MA's), (114, 48150), (120, 48135), (156, 47976),

Gene: SmellyB_83 Start: 45554, Stop: 45264, Start Num: 78
Candidate Starts for SmellyB_83:
(28, 45698), (38, 45668), (57, 45602), (Start: 60 @45596 has 1 MA's), (Start: 78 @45554 has 166 MA's), (Start: 113 @45512 has 3 MA's), (114, 45509), (Start: 116 @45503 has 1 MA's), (Start: 118 @45500 has 2 MA's), (122, 45491), (142, 45434), (145, 45419),

Gene: SnapTap_83 Start: 47624, Stop: 47316, Start Num: 79
Candidate Starts for SnapTap_83:
(Start: 79 @47624 has 38 MA's), (114, 47576), (120, 47561), (136, 47519), (156, 47402),

Gene: Snape_84 Start: 46377, Stop: 46081, Start Num: 91
Candidate Starts for Snape_84:
(Start: 91 @46377 has 32 MA's), (97, 46368), (115, 46338), (119, 46329), (147, 46239),

Gene: Snazzy_77 Start: 47731, Stop: 47432, Start Num: 89
Candidate Starts for Snazzy_77:
(64, 47791), (Start: 89 @47731 has 205 MA's), (Start: 118 @47686 has 2 MA's), (119, 47683), (139, 47614), (150, 47563),

Gene: Snickers_80 Start: 45600, Stop: 45337, Start Num: 104
Candidate Starts for Snickers_80:
(69, 45663), (77, 45645), (Start: 104 @45600 has 62 MA's), (115, 45579),

Gene: SoYo_77 Start: 45543, Stop: 45280, Start Num: 104
Candidate Starts for SoYo_77:
(69, 45606), (77, 45588), (Start: 104 @45543 has 62 MA's), (115, 45522),

Gene: SoilDragon_80 Start: 45070, Stop: 44807, Start Num: 104
Candidate Starts for SoilDragon_80:

(69, 45133), (77, 45115), (Start: 104 @45070 has 62 MA's), (115, 45049),

Gene: Solon_72 Start: 45366, Stop: 45067, Start Num: 89

Candidate Starts for Solon_72:

(64, 45426), (Start: 89 @45366 has 205 MA's), (Start: 118 @45321 has 2 MA's), (119, 45318), (139, 45249), (150, 45198),

Gene: SororFago_82 Start: 47294, Stop: 47022, Start Num: 101

Candidate Starts for SororFago_82:

(44, 47426), (47, 47414), (Start: 101 @47294 has 3 MA's), (119, 47258), (121, 47255), (132, 47210),

Gene: Sorpresa_75 Start: 47260, Stop: 46961, Start Num: 89

Candidate Starts for Sorpresa_75:

(Start: 75 @47290 has 1 MA's), (Start: 89 @47260 has 205 MA's), (Start: 118 @47215 has 2 MA's), (119, 47212), (139, 47143), (150, 47092),

Gene: Soshari_82 Start: 45651, Stop: 45388, Start Num: 104

Candidate Starts for Soshari_82:

(69, 45714), (77, 45696), (Start: 104 @45651 has 62 MA's), (115, 45630),

Gene: Sparxx_76 Start: 45643, Stop: 45344, Start Num: 78

Candidate Starts for Sparxx_76:

(Start: 78 @45643 has 166 MA's), (Start: 113 @45601 has 3 MA's),

Gene: Spike509_80 Start: 45652, Stop: 45389, Start Num: 104

Candidate Starts for Spike509_80:

(69, 45715), (77, 45697), (Start: 104 @45652 has 62 MA's), (115, 45631),

Gene: SpikeBT_73 Start: 46188, Stop: 45889, Start Num: 89

Candidate Starts for SpikeBT_73:

(Start: 75 @46218 has 1 MA's), (Start: 89 @46188 has 205 MA's), (Start: 118 @46143 has 2 MA's), (119, 46140), (139, 46071), (150, 46020),

Gene: Spino_74 Start: 45647, Stop: 45348, Start Num: 78

Candidate Starts for Spino_74:

(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: Spouty_85 Start: 47708, Stop: 47427, Start Num: 92

Candidate Starts for Spouty_85:

(Start: 92 @47708 has 27 MA's), (Start: 107 @47690 has 17 MA's), (Start: 116 @47669 has 1 MA's), (147, 47573),

Gene: Squee_77 Start: 46804, Stop: 46505, Start Num: 89

Candidate Starts for Squee_77:

(64, 46864), (Start: 89 @46804 has 205 MA's), (Start: 118 @46759 has 2 MA's), (119, 46756), (139, 46687), (150, 46636),

Gene: StarStuff_83 Start: 47232, Stop: 46954, Start Num: 93

Candidate Starts for StarStuff_83:

(Start: 93 @47232 has 17 MA's), (114, 47199), (Start: 116 @47193 has 1 MA's), (152, 47058),

Gene: Stasia_73 Start: 45644, Stop: 45327, Start Num: 74

Candidate Starts for Stasia_73:

(21, 45875), (37, 45752), (Start: 67 @45659 has 7 MA's), (Start: 74 @45644 has 1 MA's), (76, 45641), (Start: 78 @45638 has 166 MA's), (Start: 112 @45599 has 1 MA's),

Gene: SteMason_71 Start: 45644, Stop: 45345, Start Num: 78
Candidate Starts for SteMason_71:
(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Steamy_75 Start: 46308, Stop: 46036, Start Num: 92
Candidate Starts for Steamy_75:
(Start: 92 @46308 has 27 MA's), (115, 46269), (Start: 118 @46263 has 2 MA's),

Gene: StewieG_72 Start: 44368, Stop: 44039, Start Num: 75
Candidate Starts for StewieG_72:
(Start: 75 @44368 has 1 MA's), (Start: 89 @44338 has 205 MA's), (Start: 118 @44293 has 2 MA's), (119, 44290), (139, 44221), (150, 44170),

Gene: Stink_74 Start: 45501, Stop: 45226, Start Num: 112
Candidate Starts for Stink_74:
(31, 45666), (98, 45522), (Start: 112 @45501 has 1 MA's), (120, 45483), (141, 45414), (153, 45315),

Gene: StrongArm_72 Start: 46736, Stop: 46437, Start Num: 89
Candidate Starts for StrongArm_72:
(64, 46796), (Start: 89 @46736 has 205 MA's), (Start: 118 @46691 has 2 MA's), (119, 46688), (139, 46619), (150, 46568),

Gene: Sultana_75 Start: 45644, Stop: 45345, Start Num: 78
Candidate Starts for Sultana_75:
(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Sumter_73 Start: 47729, Stop: 47430, Start Num: 89
Candidate Starts for Sumter_73:
(Start: 75 @47759 has 1 MA's), (Start: 89 @47729 has 205 MA's), (Start: 118 @47684 has 2 MA's), (119, 47681), (139, 47612), (150, 47561),

Gene: Sunhee_83 Start: 45554, Stop: 45309, Start Num: 116
Candidate Starts for Sunhee_83:
(Start: 101 @45584 has 3 MA's), (Start: 116 @45554 has 1 MA's), (119, 45548), (121, 45545), (125, 45530), (132, 45500),

Gene: Sunshine924_77 Start: 46251, Stop: 45952, Start Num: 89
Candidate Starts for Sunshine924_77:
(Start: 89 @46251 has 205 MA's), (Start: 118 @46206 has 2 MA's), (119, 46203), (139, 46134), (150, 46083),

Gene: SuperAwesome_83 Start: 46235, Stop: 45945, Start Num: 78
Candidate Starts for SuperAwesome_83:
(28, 46379), (38, 46349), (57, 46283), (Start: 60 @46277 has 1 MA's), (Start: 78 @46235 has 166 MA's), (Start: 113 @46193 has 3 MA's), (114, 46190), (Start: 116 @46184 has 1 MA's), (Start: 118 @46181 has 2 MA's), (122, 46172), (142, 46115),

Gene: SuperCallie99_80 Start: 46034, Stop: 45786, Start Num: 113
Candidate Starts for SuperCallie99_80:

(Start: 78 @46076 has 166 MA's), (Start: 113 @46034 has 3 MA's), (114, 46031), (Start: 116 @46025 has 1 MA's), (Start: 118 @46022 has 2 MA's), (122, 46013), (142, 45956),

Gene: SweetiePie_83 Start: 47757, Stop: 47449, Start Num: 79

Candidate Starts for SweetiePie_83:

(Start: 79 @47757 has 38 MA's), (114, 47709), (120, 47694), (136, 47652), (156, 47535),

Gene: SwissCheese_80 Start: 47251, Stop: 46952, Start Num: 89

Candidate Starts for SwissCheese_80:

(Start: 75 @47281 has 1 MA's), (Start: 89 @47251 has 205 MA's), (Start: 118 @47206 has 2 MA's), (119, 47203), (139, 47134), (150, 47083),

Gene: Switzer_75 Start: 47195, Stop: 46896, Start Num: 89

Candidate Starts for Switzer_75:

(64, 47255), (Start: 89 @47195 has 205 MA's), (Start: 118 @47150 has 2 MA's), (119, 47147), (139, 47078), (150, 47027),

Gene: Swole_77 Start: 47010, Stop: 46711, Start Num: 89

Candidate Starts for Swole_77:

(Start: 75 @47040 has 1 MA's), (Start: 89 @47010 has 205 MA's), (Start: 118 @46965 has 2 MA's), (119, 46962), (139, 46893), (150, 46842),

Gene: SydNat_70 Start: 44362, Stop: 44045, Start Num: 91

Candidate Starts for SydNat_70:

(61, 44434), (Start: 81 @44383 has 6 MA's), (Start: 85 @44374 has 1 MA's), (Start: 91 @44362 has 32 MA's), (Start: 94 @44356 has 2 MA's), (Start: 116 @44320 has 1 MA's), (122, 44308),

Gene: TNguyen7_80 Start: 45994, Stop: 45722, Start Num: 105

Candidate Starts for TNguyen7_80:

(Start: 105 @45994 has 24 MA's),

Gene: Taquarus_74 Start: 45650, Stop: 45351, Start Num: 78

Candidate Starts for Taquarus_74:

(Start: 78 @45650 has 166 MA's), (Start: 113 @45608 has 3 MA's),

Gene: Target_76 Start: 45828, Stop: 45529, Start Num: 89

Candidate Starts for Target_76:

(64, 45888), (Start: 89 @45828 has 205 MA's), (Start: 118 @45783 has 2 MA's), (119, 45780), (139, 45711), (143, 45699), (150, 45660),

Gene: TarsusIV_82 Start: 47656, Stop: 47333, Start Num: 79

Candidate Starts for TarsusIV_82:

(19, 47893), (Start: 79 @47656 has 38 MA's), (Start: 112 @47617 has 1 MA's), (114, 47611),

Gene: Tasp14_75 Start: 47298, Stop: 46999, Start Num: 89

Candidate Starts for Tasp14_75:

(Start: 75 @47328 has 1 MA's), (Start: 89 @47298 has 205 MA's), (Start: 118 @47253 has 2 MA's), (119, 47250), (139, 47181), (150, 47130),

Gene: Taurus_81 Start: 45630, Stop: 45367, Start Num: 104

Candidate Starts for Taurus_81:

(69, 45693), (77, 45675), (Start: 104 @45630 has 62 MA's), (115, 45609),

Gene: Temprado_85 Start: 45941, Stop: 45678, Start Num: 129
Candidate Starts for Temprado_85:
(24, 46241), (33, 46184), (35, 46181), (50, 46136), (100, 46013), (Start: 129 @45941 has 22 MA's),
(134, 45929), (137, 45923), (146, 45884),

Gene: Teodoridan_74 Start: 45135, Stop: 44836, Start Num: 89
Candidate Starts for Teodoridan_74:
(64, 45195), (Start: 89 @45135 has 205 MA's), (Start: 118 @45090 has 2 MA's), (119, 45087), (139,
45018), (150, 44967),

Gene: Terrific_84 Start: 47238, Stop: 46927, Start Num: 79
Candidate Starts for Terrific_84:
(Start: 79 @47238 has 38 MA's), (88, 47226), (Start: 112 @47196 has 1 MA's), (114, 47190), (120,
47175),

Gene: Texage_77 Start: 45999, Stop: 45721, Start Num: 105
Candidate Starts for Texage_77:
(Start: 87 @46020 has 11 MA's), (Start: 103 @46002 has 7 MA's), (Start: 105 @45999 has 24 MA's),

Gene: Thanksgivukkah_74 Start: 45645, Stop: 45346, Start Num: 78
Candidate Starts for Thanksgivukkah_74:
(Start: 78 @45645 has 166 MA's), (Start: 113 @45603 has 3 MA's),

Gene: TheloniousMonk_78 Start: 48520, Stop: 48221, Start Num: 89
Candidate Starts for TheloniousMonk_78:
(64, 48580), (Start: 89 @48520 has 205 MA's), (Start: 118 @48475 has 2 MA's), (119, 48472), (139,
48403), (150, 48352),

Gene: Thor_80 Start: 48254, Stop: 47955, Start Num: 89
Candidate Starts for Thor_80:
(64, 48314), (Start: 89 @48254 has 205 MA's), (Start: 118 @48209 has 2 MA's), (119, 48206), (139,
48137), (150, 48086),

Gene: Tiffany_79 Start: 45515, Stop: 45252, Start Num: 104
Candidate Starts for Tiffany_79:
(69, 45578), (77, 45560), (Start: 104 @45515 has 62 MA's), (115, 45494),

Gene: Timothy_84 Start: 46354, Stop: 46058, Start Num: 91
Candidate Starts for Timothy_84:
(Start: 91 @46354 has 32 MA's), (97, 46345), (100, 46342), (115, 46315), (119, 46306), (147, 46216),

Gene: Timshel_75 Start: 48520, Stop: 48227, Start Num: 78
Candidate Starts for Timshel_75:
(29, 48667), (36, 48634), (Start: 78 @48520 has 166 MA's), (99, 48490), (120, 48460),

Gene: TinaFeyge_73 Start: 45642, Stop: 45343, Start Num: 78
Candidate Starts for TinaFeyge_73:
(Start: 78 @45642 has 166 MA's), (Start: 113 @45600 has 3 MA's),

Gene: TinyPebbles_79 Start: 45659, Stop: 45396, Start Num: 104
Candidate Starts for TinyPebbles_79:
(69, 45722), (77, 45704), (Start: 104 @45659 has 62 MA's), (115, 45638),

Gene: TinyTimmy_82 Start: 46083, Stop: 45787, Start Num: 91
Candidate Starts for TinyTimmy_82:
(Start: 91 @46083 has 32 MA's), (97, 46074), (100, 46071), (115, 46044), (119, 46035), (147, 45945),

Gene: Tinybot_74 Start: 45674, Stop: 45375, Start Num: 78
Candidate Starts for Tinybot_74:
(Start: 78 @45674 has 166 MA's), (Start: 113 @45632 has 3 MA's),

Gene: TopsytheTRex_82 Start: 46857, Stop: 46582, Start Num: 93
Candidate Starts for TopsytheTRex_82:
(22, 47106), (Start: 93 @46857 has 17 MA's), (Start: 112 @46830 has 1 MA's), (114, 46824), (Start: 116 @46818 has 1 MA's),

Gene: TiroTheta9_74 Start: 45641, Stop: 45342, Start Num: 78
Candidate Starts for TiroTheta9_74:
(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: Toaka_85 Start: 47815, Stop: 47546, Start Num: 92
Candidate Starts for Toaka_85:
(Start: 92 @47815 has 27 MA's), (Start: 107 @47797 has 17 MA's), (Start: 116 @47776 has 1 MA's), (148, 47677),

Gene: Todacoro_79 Start: 45998, Stop: 45720, Start Num: 105
Candidate Starts for Todacoro_79:
(Start: 87 @46019 has 11 MA's), (Start: 103 @46001 has 7 MA's), (Start: 105 @45998 has 24 MA's), (115, 45980),

Gene: Tomathan_83 Start: 47310, Stop: 47032, Start Num: 93
Candidate Starts for Tomathan_83:
(Start: 93 @47310 has 17 MA's), (114, 47277), (Start: 116 @47271 has 1 MA's), (152, 47136),

Gene: ToneTone_81 Start: 45501, Stop: 45238, Start Num: 129
Candidate Starts for ToneTone_81:
(24, 45801), (33, 45744), (35, 45741), (50, 45696), (100, 45573), (Start: 129 @45501 has 22 MA's), (134, 45489), (137, 45483), (146, 45444),

Gene: Topanga_73 Start: 45266, Stop: 44976, Start Num: 92
Candidate Starts for Topanga_73:
(72, 45299), (Start: 92 @45266 has 27 MA's),

Gene: Topgun_72 Start: 45472, Stop: 45173, Start Num: 89
Candidate Starts for Topgun_72:
(64, 45532), (Start: 89 @45472 has 205 MA's), (Start: 118 @45427 has 2 MA's), (119, 45424), (139, 45355), (150, 45304),

Gene: Toro_76 Start: 49217, Stop: 48948, Start Num: 105
Candidate Starts for Toro_76:
(30, 49409), (34, 49391), (52, 49337), (54, 49334), (Start: 105 @49217 has 24 MA's), (Start: 112 @49205 has 1 MA's), (119, 49187), (124, 49169), (127, 49163), (136, 49127), (147, 49088), (150, 49064),

Gene: Tote_72 Start: 44278, Stop: 43979, Start Num: 89
Candidate Starts for Tote_72:

(Start: 75 @44308 has 1 MA's), (Start: 89 @44278 has 205 MA's), (Start: 118 @44233 has 2 MA's), (119, 44230), (139, 44161), (150, 44110),

Gene: Traft412_76 Start: 47553, Stop: 47254, Start Num: 89

Candidate Starts for Traft412_76:

(64, 47613), (Start: 89 @47553 has 205 MA's), (Start: 118 @47508 has 2 MA's), (119, 47505), (139, 47436), (150, 47385),

Gene: Travvers_83 Start: 47227, Stop: 46949, Start Num: 93

Candidate Starts for Travvers_83:

(Start: 93 @47227 has 17 MA's), (114, 47194), (Start: 116 @47188 has 1 MA's), (152, 47053),

Gene: Treddle_78 Start: 48283, Stop: 47984, Start Num: 89

Candidate Starts for Treddle_78:

(64, 48343), (Start: 89 @48283 has 205 MA's), (Start: 118 @48238 has 2 MA's), (119, 48235), (139, 48166), (150, 48115),

Gene: Tripl3t_79 Start: 49835, Stop: 49536, Start Num: 89

Candidate Starts for Tripl3t_79:

(Start: 89 @49835 has 205 MA's), (Start: 118 @49790 has 2 MA's), (119, 49787), (139, 49718), (150, 49667),

Gene: Tristan_78 Start: 47933, Stop: 47640, Start Num: 79

Candidate Starts for Tristan_78:

(Start: 79 @47933 has 38 MA's), (Start: 112 @47897 has 1 MA's), (Start: 118 @47882 has 2 MA's),

Gene: Trixie_83 Start: 48218, Stop: 47910, Start Num: 81

Candidate Starts for Trixie_83:

(Start: 81 @48218 has 6 MA's), (Start: 112 @48179 has 1 MA's), (Start: 113 @48176 has 3 MA's),

Gene: Trooper_82 Start: 47215, Stop: 46895, Start Num: 79

Candidate Starts for Trooper_82:

(Start: 79 @47215 has 38 MA's), (114, 47167), (Start: 116 @47161 has 1 MA's), (156, 46984),

Gene: Trouble_76 Start: 47362, Stop: 47063, Start Num: 89

Candidate Starts for Trouble_76:

(25, 47569), (27, 47542), (31, 47521), (39, 47500), (41, 47497), (49, 47470), (53, 47458), (56, 47449), (59, 47434), (80, 47380), (Start: 89 @47362 has 205 MA's), (Start: 118 @47317 has 2 MA's), (119, 47314), (139, 47245), (150, 47194),

Gene: TroyPia_76 Start: 45682, Stop: 45383, Start Num: 78

Candidate Starts for TroyPia_76:

(Start: 78 @45682 has 166 MA's), (Start: 113 @45640 has 3 MA's),

Gene: Tubs_87 Start: 47925, Stop: 47641, Start Num: 92

Candidate Starts for Tubs_87:

(Start: 92 @47925 has 27 MA's), (Start: 107 @47907 has 17 MA's), (Start: 116 @47886 has 1 MA's), (147, 47790),

Gene: Tucker_84 Start: 45704, Stop: 45441, Start Num: 129

Candidate Starts for Tucker_84:

(24, 46004), (33, 45947), (35, 45944), (50, 45899), (100, 45776), (Start: 129 @45704 has 22 MA's), (134, 45692), (137, 45686), (146, 45647),

Gene: Turbido_84 Start: 47922, Stop: 47614, Start Num: 78
Candidate Starts for Turbido_84:
(Start: 78 @47922 has 166 MA's), (Start: 79 @47919 has 38 MA's), (Start: 112 @47877 has 1 MA's),
(114, 47871), (120, 47856), (156, 47697),

Gene: Turj99_72 Start: 46853, Stop: 46554, Start Num: 89
Candidate Starts for Turj99_72:
(Start: 89 @46853 has 205 MA's), (Start: 118 @46808 has 2 MA's), (119, 46805), (150, 46685),

Gene: Twigg_67 Start: 43805, Stop: 43509, Start Num: 91
Candidate Starts for Twigg_67:
(Start: 91 @43805 has 32 MA's), (108, 43784), (111, 43778), (152, 43625),

Gene: Twister_84 Start: 48480, Stop: 48184, Start Num: 92
Candidate Starts for Twister_84:
(72, 48513), (Start: 92 @48480 has 27 MA's),

Gene: TwoPeat_76 Start: 46815, Stop: 46516, Start Num: 89
Candidate Starts for TwoPeat_76:
(64, 46875), (Start: 89 @46815 has 205 MA's), (Start: 118 @46770 has 2 MA's), (119, 46767), (124,
46752), (139, 46698), (150, 46647),

Gene: TygerBlood_75 Start: 45647, Stop: 45348, Start Num: 78
Candidate Starts for TygerBlood_75:
(Start: 78 @45647 has 166 MA's), (Start: 113 @45605 has 3 MA's),

Gene: U2_70 Start: 47052, Stop: 46753, Start Num: 89
Candidate Starts for U2_70:
(Start: 75 @47082 has 1 MA's), (Start: 89 @47052 has 205 MA's), (Start: 118 @47007 has 2 MA's),
(119, 47004), (139, 46935), (150, 46884),

Gene: Ugenie5_74 Start: 45396, Stop: 45133, Start Num: 107
Candidate Starts for Ugenie5_74:
(Start: 92 @45414 has 27 MA's), (Start: 107 @45396 has 17 MA's), (Start: 116 @45375 has 1 MA's),
(147, 45279),

Gene: Ulysses_74 Start: 45330, Stop: 45031, Start Num: 78
Candidate Starts for Ulysses_74:
(Start: 78 @45330 has 166 MA's), (Start: 113 @45288 has 3 MA's),

Gene: Updawg_84 Start: 47452, Stop: 47141, Start Num: 79
Candidate Starts for Updawg_84:
(Start: 79 @47452 has 38 MA's), (88, 47440), (Start: 112 @47410 has 1 MA's), (114, 47404), (120,
47389),

Gene: VA6_83 Start: 47497, Stop: 47174, Start Num: 78
Candidate Starts for VA6_83:
(15, 47827), (16, 47800), (45, 47590), (Start: 78 @47497 has 166 MA's), (Start: 79 @47494 has 38
MA's), (114, 47446), (120, 47431), (136, 47389),

Gene: VC3_81 Start: 46132, Stop: 45854, Start Num: 93
Candidate Starts for VC3_81:

(Start: 93 @46132 has 17 MA's), (114, 46099), (Start: 116 @46093 has 1 MA's), (152, 45958),

Gene: Vanisoa_82 Start: 48147, Stop: 47884, Start Num: 92

Candidate Starts for Vanisoa_82:

(Start: 92 @48147 has 27 MA's), (Start: 116 @48114 has 1 MA's), (148, 48015),

Gene: Veracruz_76 Start: 46002, Stop: 45721, Start Num: 103

Candidate Starts for Veracruz_76:

(Start: 87 @46020 has 11 MA's), (Start: 103 @46002 has 7 MA's), (Start: 105 @45999 has 24 MA's), (115, 45981),

Gene: Violet_71 Start: 47447, Stop: 47148, Start Num: 89

Candidate Starts for Violet_71:

(64, 47507), (Start: 89 @47447 has 205 MA's), (Start: 118 @47402 has 2 MA's), (119, 47399), (139, 47330), (150, 47279),

Gene: Vix_76 Start: 45710, Stop: 45447, Start Num: 104

Candidate Starts for Vix_76:

(69, 45773), (77, 45755), (Start: 104 @45710 has 62 MA's), (115, 45689),

Gene: VohminGhazi_83 Start: 45555, Stop: 45265, Start Num: 78

Candidate Starts for VohminGhazi_83:

(28, 45699), (38, 45669), (57, 45603), (Start: 60 @45597 has 1 MA's), (Start: 78 @45555 has 166 MA's), (Start: 113 @45513 has 3 MA's), (114, 45510), (Start: 116 @45504 has 1 MA's), (Start: 118 @45501 has 2 MA's), (122, 45492), (142, 45435), (145, 45420),

Gene: WalterMcMickey_83 Start: 48480, Stop: 48184, Start Num: 92

Candidate Starts for WalterMcMickey_83:

(72, 48513), (Start: 92 @48480 has 27 MA's),

Gene: Wander_75 Start: 45641, Stop: 45342, Start Num: 78

Candidate Starts for Wander_75:

(Start: 78 @45641 has 166 MA's), (Start: 113 @45599 has 3 MA's),

Gene: Watermelon_79 Start: 48357, Stop: 48058, Start Num: 89

Candidate Starts for Watermelon_79:

(Start: 75 @48387 has 1 MA's), (Start: 89 @48357 has 205 MA's), (Start: 118 @48312 has 2 MA's), (119, 48309), (139, 48240), (150, 48189),

Gene: WeiHuaDA_85 Start: 48465, Stop: 48169, Start Num: 92

Candidate Starts for WeiHuaDA_85:

(5, 49035), (19, 48720), (Start: 79 @48480 has 38 MA's), (Start: 92 @48465 has 27 MA's), (Start: 112 @48441 has 1 MA's), (120, 48420), (136, 48378),

Gene: Whabigail7_83 Start: 47920, Stop: 47612, Start Num: 78

Candidate Starts for Whabigail7_83:

(Start: 78 @47920 has 166 MA's), (Start: 79 @47917 has 38 MA's), (114, 47869), (120, 47854), (156, 47695),

Gene: Wheeler_81 Start: 49068, Stop: 48769, Start Num: 89

Candidate Starts for Wheeler_81:

(Start: 89 @49068 has 205 MA's), (Start: 118 @49023 has 2 MA's), (119, 49020), (139, 48951), (150, 48900),

Gene: Whitspit_69 Start: 44179, Stop: 43880, Start Num: 89

Candidate Starts for Whitspit_69:

(64, 44239), (Start: 89 @44179 has 205 MA's), (Start: 118 @44134 has 2 MA's), (119, 44131), (139, 44062), (150, 44011),

Gene: WideWale_84 Start: 47452, Stop: 47141, Start Num: 79

Candidate Starts for WideWale_84:

(Start: 79 @47452 has 38 MA's), (88, 47440), (Start: 112 @47410 has 1 MA's), (114, 47404), (120, 47389),

Gene: Wiks_83 Start: 45572, Stop: 45309, Start Num: 129

Candidate Starts for Wiks_83:

(24, 45872), (33, 45815), (35, 45812), (50, 45767), (100, 45644), (Start: 129 @45572 has 22 MA's), (134, 45560), (137, 45554), (146, 45515),

Gene: Wilbur_75 Start: 45644, Stop: 45345, Start Num: 78

Candidate Starts for Wilbur_75:

(Start: 78 @45644 has 166 MA's), (Start: 113 @45602 has 3 MA's),

Gene: Wile_73 Start: 45720, Stop: 45427, Start Num: 78

Candidate Starts for Wile_73:

(Start: 66 @45741 has 2 MA's), (Start: 67 @45738 has 7 MA's), (Start: 78 @45720 has 166 MA's), (Start: 79 @45717 has 38 MA's), (114, 45687), (120, 45675), (131, 45636), (142, 45603),

Gene: Wilkins_73 Start: 45402, Stop: 45103, Start Num: 89

Candidate Starts for Wilkins_73:

(64, 45462), (Start: 89 @45402 has 205 MA's), (Start: 118 @45357 has 2 MA's), (119, 45354), (139, 45285), (150, 45234),

Gene: Wizard007_74 Start: 45464, Stop: 45153, Start Num: 67

Candidate Starts for Wizard007_74:

(Start: 66 @45467 has 2 MA's), (Start: 67 @45464 has 7 MA's), (Start: 78 @45446 has 166 MA's), (Start: 79 @45443 has 38 MA's), (114, 45413), (120, 45401), (131, 45362), (142, 45329),

Gene: Wolpertinger_83 Start: 46389, Stop: 46090, Start Num: 91

Candidate Starts for Wolpertinger_83:

(Start: 91 @46389 has 32 MA's), (97, 46380), (115, 46350), (119, 46341), (147, 46251),

Gene: Wooldri_82 Start: 45536, Stop: 45273, Start Num: 104

Candidate Starts for Wooldri_82:

(69, 45599), (77, 45581), (Start: 104 @45536 has 62 MA's), (115, 45515),

Gene: WorldCup_85 Start: 47587, Stop: 47336, Start Num: 107

Candidate Starts for WorldCup_85:

(Start: 92 @47605 has 27 MA's), (Start: 107 @47587 has 17 MA's), (Start: 116 @47566 has 1 MA's),

Gene: WunderPhul_84 Start: 45570, Stop: 45307, Start Num: 129

Candidate Starts for WunderPhul_84:

(24, 45870), (33, 45813), (35, 45810), (50, 45765), (100, 45642), (Start: 129 @45570 has 22 MA's), (134, 45558), (146, 45513),

Gene: XianYue_82 Start: 47707, Stop: 47390, Start Num: 78

Candidate Starts for XianYue_82:

(10, 48094), (19, 47950), (Start: 78 @47707 has 166 MA's), (110, 47671), (155, 47482),

Gene: Yecey3_88 Start: 47683, Stop: 47417, Start Num: 92

Candidate Starts for Yecey3_88:

(Start: 92 @47683 has 27 MA's), (Start: 107 @47665 has 17 MA's), (114, 47650), (119, 47638), (152, 47509),

Gene: YoSam321_75 Start: 45642, Stop: 45343, Start Num: 78

Candidate Starts for YoSam321_75:

(Start: 78 @45642 has 166 MA's), (Start: 113 @45600 has 3 MA's),

Gene: Yokurt_83 Start: 45572, Stop: 45309, Start Num: 129

Candidate Starts for Yokurt_83:

(24, 45872), (33, 45815), (35, 45812), (50, 45767), (100, 45644), (Start: 129 @45572 has 22 MA's), (134, 45560), (137, 45554), (146, 45515),

Gene: Zaka_84 Start: 45572, Stop: 45309, Start Num: 129

Candidate Starts for Zaka_84:

(24, 45872), (33, 45815), (35, 45812), (50, 45767), (100, 45644), (Start: 129 @45572 has 22 MA's), (134, 45560), (137, 45554), (146, 45515),

Gene: Zarafa_76 Start: 45978, Stop: 45694, Start Num: 105

Candidate Starts for Zarafa_76:

(Start: 105 @45978 has 24 MA's), (154, 45774),

Gene: Zeeculate_72 Start: 47175, Stop: 46876, Start Num: 89

Candidate Starts for Zeeculate_72:

(Start: 75 @47205 has 1 MA's), (Start: 89 @47175 has 205 MA's), (Start: 118 @47130 has 2 MA's), (119, 47127), (139, 47058), (150, 47007),

Gene: Zephyr_78 Start: 47447, Stop: 47148, Start Num: 89

Candidate Starts for Zephyr_78:

(64, 47507), (Start: 89 @47447 has 205 MA's), (Start: 118 @47402 has 2 MA's), (119, 47399), (139, 47330), (150, 47279),

Gene: Zimmer_79 Start: 47067, Stop: 46792, Start Num: 92

Candidate Starts for Zimmer_79:

(Start: 92 @47067 has 27 MA's), (Start: 107 @47046 has 17 MA's), (109, 47043), (110, 47040), (Start: 118 @47022 has 2 MA's), (123, 47010),

Gene: Zolita_69 Start: 44339, Stop: 44049, Start Num: 94

Candidate Starts for Zolita_69:

(61, 44417), (Start: 81 @44366 has 6 MA's), (Start: 85 @44357 has 1 MA's), (Start: 91 @44345 has 32 MA's), (Start: 94 @44339 has 2 MA's), (Start: 116 @44303 has 1 MA's), (122, 44291),

Gene: Zulu_85 Start: 45950, Stop: 45687, Start Num: 129

Candidate Starts for Zulu_85:

(24, 46250), (33, 46193), (35, 46190), (50, 46145), (100, 46022), (Start: 129 @45950 has 22 MA's), (134, 45938), (137, 45932), (146, 45893),