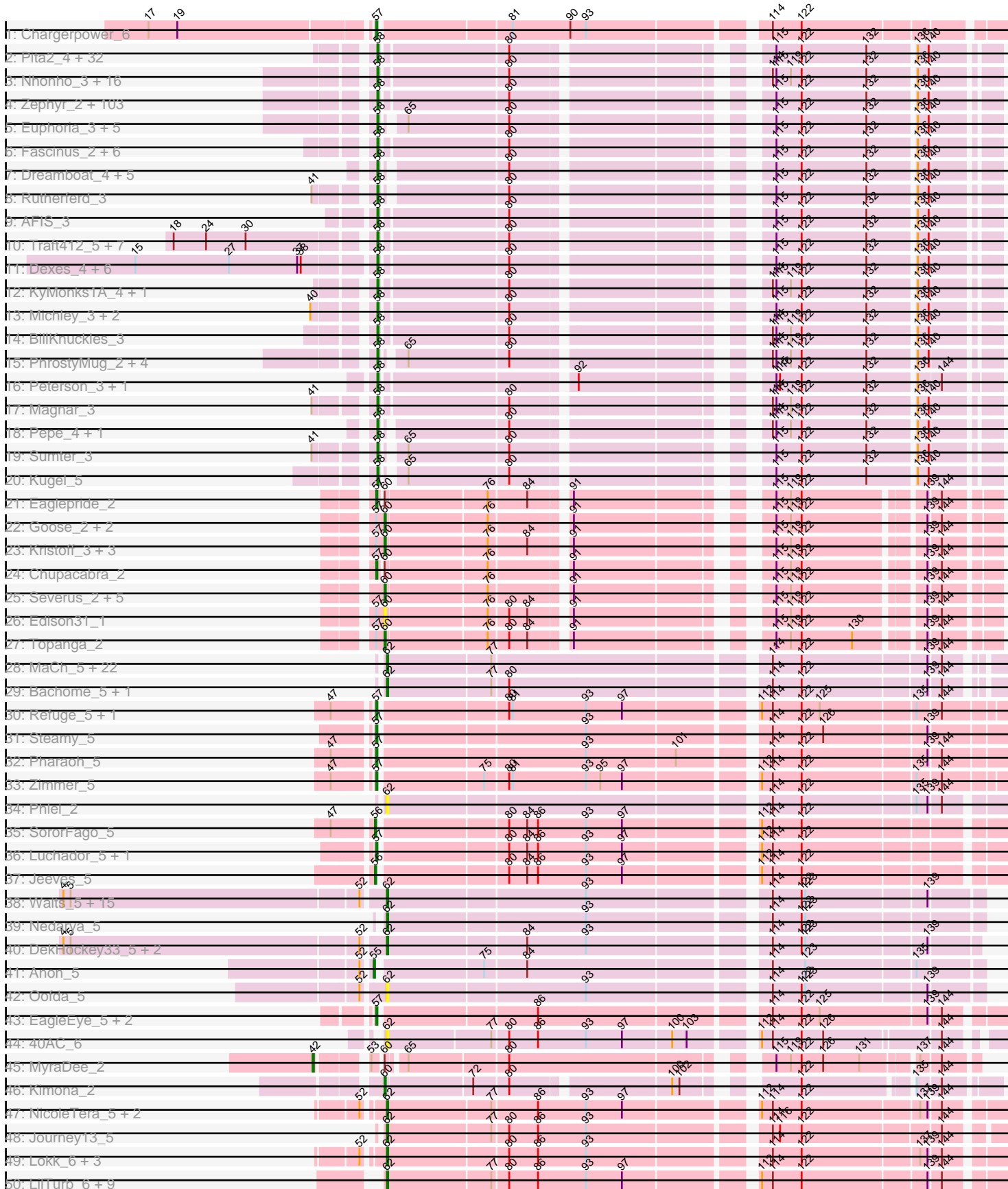
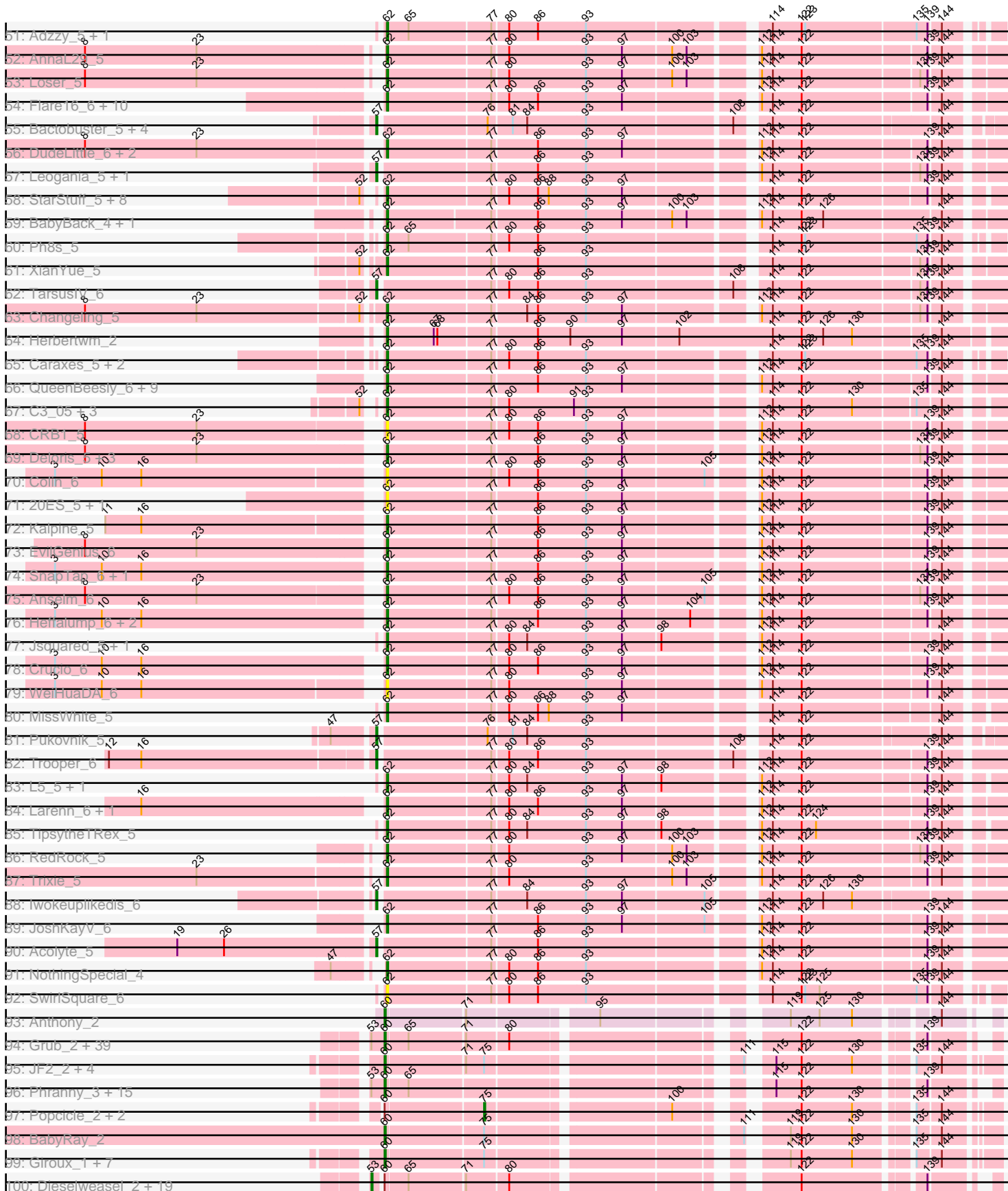


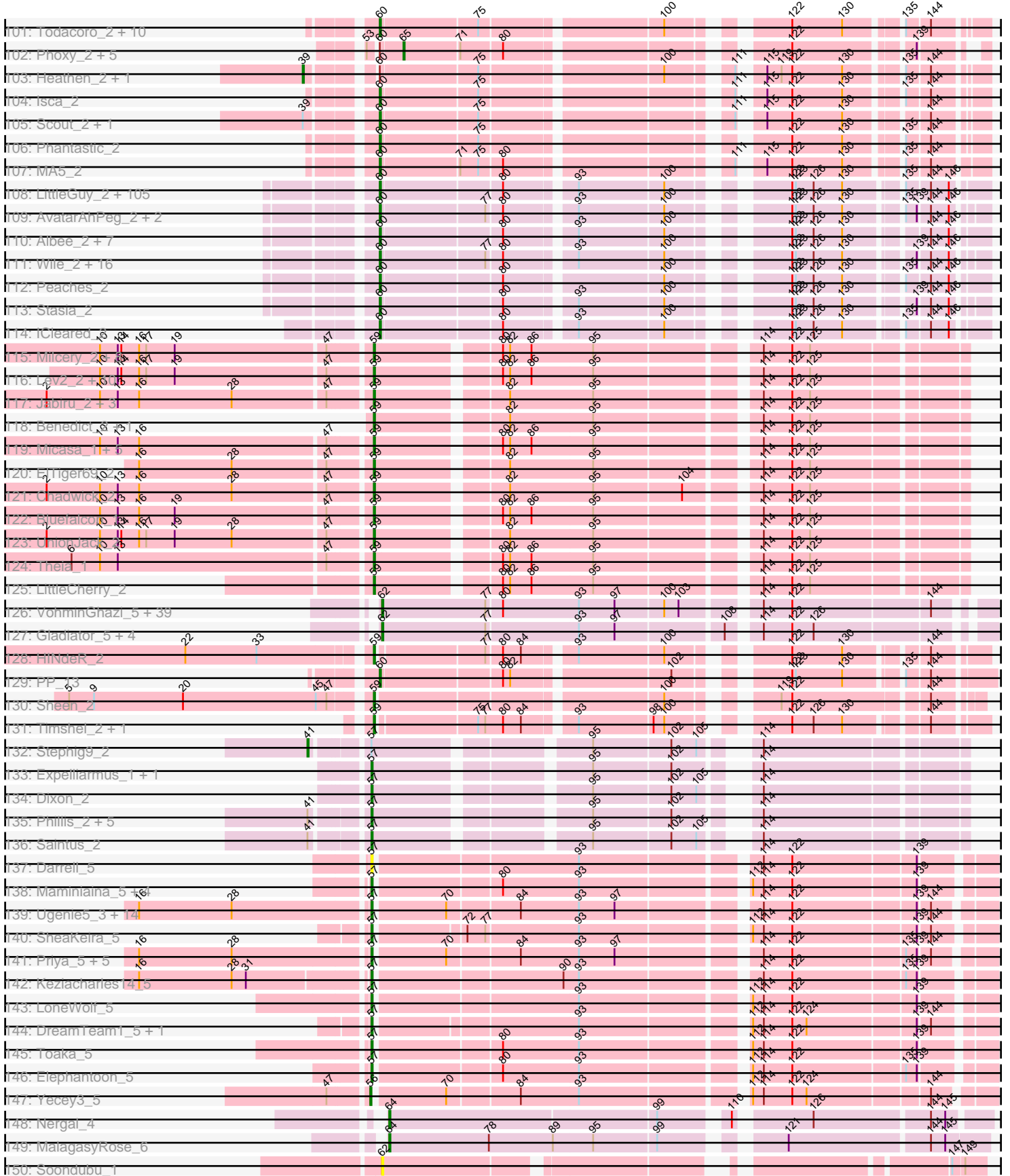
Pham 157449



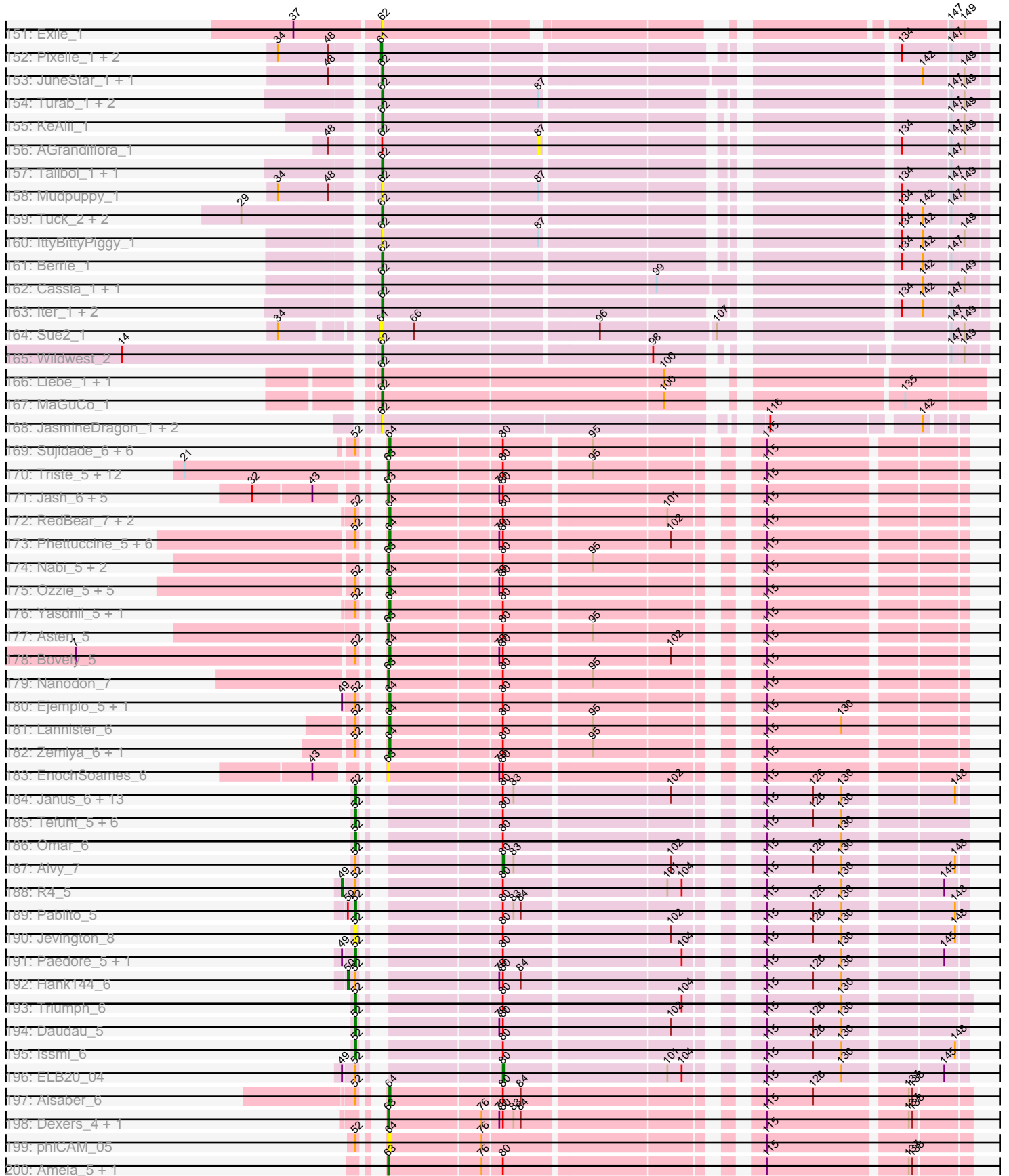
Pham 157449



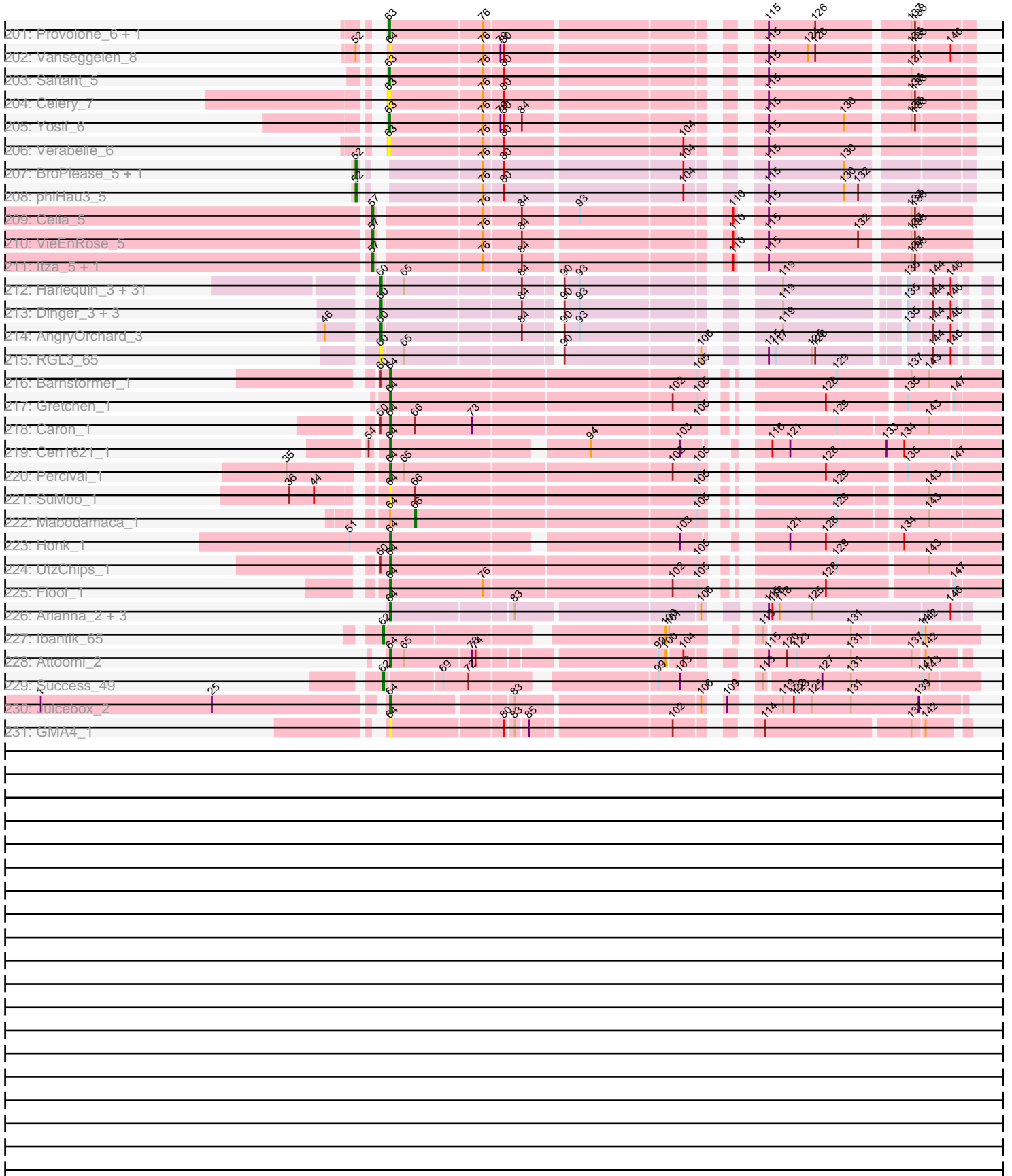
Pham 157449



Pham 157449



Pham 157449



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 157449 Report

This analysis was run 04/13/24 on database version 558.

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 157449 has 990 members, 89 are drafts.

Phages represented in each track:

- Track 1 : Chargerpower_6
- Track 2 : Pita2_4, Ajay_3, DreamCatcher_4, Ciao_3, Greg_4, PSullivan_3, GrecoEtereo_4, Sagefire_4, Fajezeel_4, Pippin_4, HarryOW_4, Graduation_3, ILeeKay_4, Adahisdi_3, Eyeball_3, Nerujay_3, Petp2012_4, Topgun_3, Doom_3, Pinto_3, Cueyllyss_3, Tote_4, Scowl_4, Wilkins_3, Carlyle_4, KBG_3, Applejack_3, Swole_4, Bones_3, Watermelon_4, Tripl3t_3, JuliaChild_4, Acme_4
- Track 3 : Nhonho_3, Naira_2, Fushigi_3, Snazzy_2, StewieG_2, IgnatiusPatJac_2, Dussy_3, Abbyshoes_3, BluSpix_2, Kenmech_3, Fenn_2, TheloniousMonk_3, Marge_2, QTRlifeCrisis_3, Ichabod_3, Homines_3, Wheeler_3
- Track 4 : Zephyr_2, Jerm2_3, Paphu_2, Blue_4, Ringer_2, Burton_3, Barriga_3, Killigrew_2, Lesedi_2, Gandalf20_3, Marsha_3, Tasp14_3, Ruotula_3, Corvo_3, BigMau_4, Turj99_2, Rufus_3, Ashballer_2, Bircsak_3, Bruns_2, Dulcie_2, Bexan_2, Bob3_3, Zeuska_2, Zeeculate_2, Slagathor_3, PacerPaul_3, Dynamix_3, PascalRango_3, Abrogate_30, Museum_4, StrongArm_2, Papez_3, HermioneGrange_3, Rohr_3, A6_02, Magnito_2, U2_3, Buttons_3, Marcell_3, DrFeelGood_2, Crispicous1_2, Moose_2, Seabiscuit_3, Petruccio_3, Espresso_3, Agaliana_3, Gompeii16_3, Lockley_3, Rubeus_3, Beatrix_2, Trouble_2, RidgeCB_3, PinkPlastic_2, BPBiebs31_3, BeesKnees_3, Kanely_4, Teodoridan_2, MetalQZJ_3, Ohno789_2, Arlo_3, DD5_3, Anglerfish_3, Lopton_3, Hermia_3, CactusRose_2, Kykar_2, Bxb1_2, Briton15_3, TwoPeat_2, BK1_02, Solon_2, LilBib_2, Target_3, Manatee_3, Jorgensen_3, Monet_3, Altman_4, Francis47_3, Norz_3, Niza_4, JackSparrow_2, Lamina13_3, SwissCheese_2, Parliament_2, Makemake_3, MaryBeth_3, Chanagan_3, Oogway_2, Switzer_3, SarFire_3, Violet_3, ConceptII_3, Thor_3, Squee_2, Arcanine_3, MPlant7149_3, McGuire_3, Rajelicia_3, Froghopper_3, Gwendoluna_2, Bethlehem_3, Forsytheast_2, KSSJEB_2
- Track 5 : Euphoria_3, Alvin_4, BaconJack_3, Pari_3, Sunshine924_2, NEHalo_3
- Track 6 : Fascinus_2, Maroc7_2, Treddle_3, Bigfoot_2, Edtherson_3, Mryolo_2, Rhynn_2
- Track 7 : Dreamboat_4, Jasper_4, PherrisBueller_4, SkiPole_4, STLscum_4, Alsfro_4
- Track 8 : Rutherford_3
- Track 9 : AFIS_3

- Track 10 : Traft412_5, Pelly_4, SpikeBT_3, Molly_4, PattyP_4, Sibs6_4, GageAP_4, Hope4ever_3
- Track 11 : Dexes_4, BigPaolini_4, Smeagol_3, Gyzlar_4, Smairt_3, Seanderson_4, Licorice_5
- Track 12 : KyMonks1A_4, Atkinbua_3
- Track 13 : Michley_3, MrGordo_3, Big3_3
- Track 14 : BillKnuckles_3
- Track 15 : PhrostyMug_2, Aeneas_2, Mule_2, Paraselene_2, Perseus_2
- Track 16 : Peterson_3, JC27_4
- Track 17 : Magnar_3
- Track 18 : Pepe_4, HanShotFirst_3
- Track 19 : Sumter_3
- Track 20 : Kugel_5
- Track 21 : Eaglepride_2
- Track 22 : Goose_2, RhynO_2, OKCentral2016_2
- Track 23 : Kristoff_3, WalterMcMickey_2, Twister_2, Rebeuca_3
- Track 24 : Chupacabra_2
- Track 25 : Severus_2, Drake94_2, Poompha_2, KittenMittens_2, PeaceMeal1_2, Trike_1
- Track 26 : Edison31_1
- Track 27 : Topanga_2
- Track 28 : MaCh_5, Sham4_5, Et2Brutus_4, Fibonacci_5, Ebony_5, Aneem_5, Munch_5, Insomnia_4, Joselito_5, Gilberta_5, Lucivia_5, TinyTimmy_4, Hutc2_5, Mulciber_5, Petersenfast_4, Bowtie_5, Mabel_5, Orange_5, Salz_5, Flaverint_5, Jabith_5, Timothy_5, Snape_5
- Track 29 : Bachome_5, Bud_5
- Track 30 : Refuge_5, DarthPhader_5
- Track 31 : Steamy_5
- Track 32 : Pharaoh_5
- Track 33 : Zimmer_5
- Track 34 : Phlei_2
- Track 35 : SororFago_5
- Track 36 : Luchador_5, Gail_5
- Track 37 : Jeeves_5
- Track 38 : Waits_5, Epsocamisio_5, Nebulosus_5, Switzerland_5, Strosahl_5, MinecraftSteve_6, JSwag_5, Rosalind_5, Boohoo_5, Battleship_6, LastResort_5, Remus_5, ReMo_5, Looper_5, Anaysia_5, Soups_5
- Track 39 : Nedarya_5
- Track 40 : DekHockey33_5, ShayRa_6, KatherineG_5
- Track 41 : Anon_5
- Track 42 : Oofda_5
- Track 43 : EagleEye_5, PainterBoy_5, Lucyedi_5
- Track 44 : 40AC_6
- Track 45 : MyraDee_2
- Track 46 : Kimona_2
- Track 47 : NicoleTera_5, ArcherNM_5, EZMoney23_5
- Track 48 : Journey13_5
- Track 49 : Lokk_6, Rachaly_6, Miko_6, BobSwaget_6
- Track 50 : LilTurb_6, Buggy_6, Agape74_6, Dignity_6, Jerm_6, Smeagan_6, AbbyPaige_6, Whabigail7_6, Turbido_6, Leviathan_6
- Track 51 : Adzzy_5, Che12_5
- Track 52 : AnnaL29_5
- Track 53 : Loser_5

- Track 54 : Flare16_6, WideWale_6, Equemioh13_6, Piro94_5, HarryHoudini_6, Drake55_6, NaSiaTalie_6, Centaur_6, Baehexic_6, Updawg_6, MiculUcigas_6
- Track 55 : Bactobuster_5, Landor_5, IronMan_5, Phaded_5, Jaan_5
- Track 56 : DudeLittle_6, KingCyrus_6, Dalmatian_6
- Track 57 : Leogania_5, BiancaTri92_5
- Track 58 : StarStuff_5, D32_5, Tomathan_5, Kerberos_5, D29_5, DBQu4n_5, Naji_5, Duplo_5, Pomar16_5
- Track 59 : BabyBack_4, GaugeLDP_5
- Track 60 : Ph8s_5
- Track 61 : XianYue_5
- Track 62 : TarsusIV_6
- Track 63 : Changeling_5
- Track 64 : Herbertwm_2
- Track 65 : Caraxes_5, Superchunk_5, Odin_4
- Track 66 : QueenBeesly_6, SweetiePie_6, Georgie2_6, AN3_5, ChipMunk_6, LadyBird_5, SemperFi_6, Retro23_6, VA6_5, FiringLine_6
- Track 67 : C3_05, AN9_5, VC3_5, ANI8_5
- Track 68 : CRB1_5
- Track 69 : Deloris_5, Benvolio_6, BengiVuitton_5, Echild_6
- Track 70 : Colin_6
- Track 71 : 20ES_5, First_005
- Track 72 : Kalpine_5
- Track 73 : EvilGenius_6
- Track 74 : SnapTap_6, Power_6
- Track 75 : Anselm_6
- Track 76 : Heffalump_6, QueenB2_6, Fameo_6
- Track 77 : Jsquared_5, Serenity_5
- Track 78 : Crucio_6
- Track 79 : WeiHuaDA_6
- Track 80 : MissWhite_5
- Track 81 : Pukovnik_5
- Track 82 : Trooper_6
- Track 83 : L5_5, Koduck_4
- Track 84 : Larenn_6, Malec_6
- Track 85 : TipsytheTRex_5
- Track 86 : RedRock_5
- Track 87 : Trixie_5
- Track 88 : Iwokeuplikedis_6
- Track 89 : JoshKayV_6
- Track 90 : Acolyte_5
- Track 91 : NothingSpecial_4
- Track 92 : SwirlSquare_6
- Track 93 : Anthony_2
- Track 94 : Grub_2, Grif_2, Louie6_2, Soshari_4, SoilDragon_2, GingkoMaracino_2, PotatoSplit_3, Mainiac_2, Sabinator_2, Aglet_2, LBerry_2, Grum1_2, Stagni_2, MadMarie_2, StepMih_2, Colbster_2, EpicPhail_2, Ollie_2, Daishi_2, BreSam8_2, LarryKay_2, Snickers_2, Beauxregard13_2, Penny1_2, Zetzy_2, MuchMore_4, PGHhamlin_4, GtownJaz_2, Misomonster_4, SoYo_2, Watson_2, KADY_3, AugsMagnumOpus_4, BuzzBuzz_1, LugYA_4, Pembroke_2, Rummer_2, Wooldri_4, HashRod_3, Phoebe_2
- Track 95 : JF2_2, Rockstar_2, B1_01, JF4_2, MK4_2
- Track 96 : Phranny_3, Gemma_2, Kalnoky_3, PurpleHaze_2, Manu_3, Pawn_2, Reba_3, Kalb97_3, JeppNRM_3, Groupthink_3, HaveUMetTed_3, OlanP_2,

Marius_3, Heliosoles_2, ACFishhook_2, PhishRPhriends_2

- Track 97 : Popcicle_2, Panamaxus_2, Caviar_2
- Track 98 : BabyRay_2
- Track 99 : Giroux_1, TNguyen7_2, Puppy_2, Bugatti_1, SaturnRing_1, BlueBird_2, Idleandcovert_1, Pistachio_2
- Track 100 : Dieselweasel_2, Tiffany_2, Taurus_2, Methuselah_2, JenCasNa_2, Cullens_2, MoneyMay_2, Sabia_2, Microwolf_2, Fernando_2, Marie_2, DaHudson_2, Bxz2_2, AgronaGT15_2, Jobu08_2, P28Green_2, Malinsilva_4, Anubis_4, MarQuardt_2, Hercules11_2
- Track 101 : Todacoro_2, Veracruz_1, QuinnKiro_1, ResDef_1, Hookmount_2, Norbert_1, Noella_2, Pocahontas_2, Lambert1_2, Texage_1, Margo_2
- Track 102 : Phoxy_2, Vix_2, JHC117_2, Spike509_2, Farber_2, Lilith_2
- Track 103 : Heathen_2, HelDan_2
- Track 104 : Isca_2
- Track 105 : Scout_2, Fred313_2
- Track 106 : Phantastic_2
- Track 107 : MA5_2
- Track 108 : LittleGuy_2, Maxo_2, HamSlice_1, Kampy_2, Lorenzo_2, TroyPia_2, Cocoaberry_2, Sabertooth_2, Clarenza_2, CentreCat_2, Cintron_2, Ruin_2, Holli_2, Florean_2, Connomayer_2, Nyxis_2, Kratak_2, Pumbaa_2, JoongJeon_2, Phacado_2, Eros_2, Maverick_2, LittleB_2, NotAPhaseMom_2, BellusTerra_2, Annyong_2, Phelipe_2, Melvin_2, Kingmustik0402_2, Avle17_2, Taquarus_2, Phighter1804_2, Koreni_2, Eagle_1, Ulysses_2, MeeZee_2, Millski_2, Commander_2, JetBlade_2, KFPoly_2, Bombshell_2, Relief_2, Eris_2, Ohfah_2, TygerBlood_2, Gadost_2, NorthStar_2, Baby16_2, Camperdownii_2, Blackmoor_2, Iceman_2, Pipcraft_2, Polymorphads_2, Kremtemulon_1, Palestino_2, Medusa_2, LeoAvram_2, Citius_2, YoSam321_2, Eapen_2, Sparxx_2, Caelakin_2, Arturo_1, Kyee_2, TinaFeyge_2, Chaph_2, Bartimeaus_2, Nebs_2, Spino_2, Roosevelt_2, TiroTheta9_2, Funston_2, DirtyDunning_2, LochMonster_2, Wizard007_2, Iracema64_2, Dhanush_2, Bruiser_2, Scamp_2, PeterPeter_2, LappelDuVide_1, Lunsford_2, Houdini22_2, Nemo27_2, BubbleTrouble_2, Broseidon_2, Tinybot_1, Jaykayelowell_2, Lemur_2, Burger_1, Romney_2, Shaka_2, Wilbur_2, Skipitt_2, Alberto7_2, Flux_2, Druantia_2, Eurydice_2, Thanksgivukkah_2, OKaNui_2, Mazhar510_2, Morrow_2, Happiness_2, Deano_2, Wander_2, Abdiel_2
- Track 109 : AvatarAhPeg_2, Stink_1, Miramae_2
- Track 110 : Albee_2, SheldonCooper_2, Obama12_2, Phontbonne_2, LHTSCC_2, ChampagnePapi_2, Cerulean_2, BangNhom_1
- Track 111 : Wile_2, Badger_2, PetiteSangsue_2, Cici_2, Katalie136_2, Morpher26_2, Shygu2_2, Achebe_2, Cindaradix_2, Perplexer_2, Mundrea_2, Xena_2, Noelle_2, Datway_2, Backyardigan_2, AbbysRanger_2, Bumblebee11_2
- Track 112 : Peaches_2
- Track 113 : Stasia_2
- Track 114 : ICleared_2
- Track 115 : Milcery_2, George_1, Cuco_2, Coog_2, Bonamassa_2, Midas2_2, HuhtaEnerson15_2, Swirley_2, Tarynearal_1
- Track 116 : Lev2_2, Conspiracy_2, Tiger_2, AgentM_2, PickleBack_2, Jovo_2, Phlorence_2, Discoknowium_2, ForGetIt_2, Aragog_2, Archetta_2
- Track 117 : Jabiru_2, Airmid_2, PetterN_2, Naca_2
- Track 118 : Benedict_2, Scorpia_2
- Track 119 : Micasa_1, SydNat_2, Zolita_1, MarysWell_1, Ghouboy_2, Dublin_1
- Track 120 : EITiger69_2
- Track 121 : Chadwick_2
- Track 122 : Bluefalcon_1

- Track 123 : UnionJack_2
- Track 124 : Theia_1
- Track 125 : LittleCherry_2
- Track 126 : VohminGhazi_5, GreedyLawyer_5, SuperAwesome_5, Indra_5, DaVinci_5, CloudWang3_5, Garak_5, Helmet_5, Chartreuse_5, EricB_5, Artemis2UCLA_5, Dorothea_4, SuperCallie99_5, BABullseye_5, Wiks_5, Kipper29_5, Yokurt_5, Cookiedough_5, Jeffabunny_5, Candra_5, Zulu_5, Tucker_5, McFly_5, JewelBug_5, Jordennis_5, Priamo_5, WunderPhul_5, SmellyB_5, Roksolana_5, Isiphiwo_5, Hexamo_5, Zaka_5, Hoot_5, Koko_5, Pmask_5, ToneTone_4, Kazan_5, Newrala_5, Blinn1_5, Neeharika16_4
- Track 127 : Gladiator_5, Rifter_5, Gruunaga_5, Hammer_5, Blue7_5
- Track 128 : HINdeR_2
- Track 129 : PP_13
- Track 130 : Sheen_2
- Track 131 : Timshel_2, DroogsArmy_2
- Track 132 : Stephig9_2
- Track 133 : Expelliarmus_1, Groundhog_1
- Track 134 : Dixon_2
- Track 135 : Phillis_2, Smeadley_2, Danforth_1, NearlyHeadless_2, Astro_2, Roary_2
- Track 136 : Saintus_2
- Track 137 : Darrell_5
- Track 138 : Maminiaina_5, Vanisoa_5, Rahalelujah_5, BogosyJay_5, Arissanae_5
- Track 139 : Ugenie5_3, ExplosioNervosa_5, Phaeder_5, Tubs_5, Aliter_5, Scherzo_5, EmyBug_3, Beemo_5, Pioneer_5, Myxus_5, Catalina_5, Fayely_5, PackMan_5, Phonnegut_5, HortumSL17_5
- Track 140 : SheaKeira_5
- Track 141 : Priya_5, Conquerage_5, Eidsmoe_5, Qobbit_5, Alma_5, Spouty_4
- Track 142 : Keziacharles14_5
- Track 143 : LoneWolf_5
- Track 144 : DreamTeam1_5, Charm_5
- Track 145 : Toaka_5
- Track 146 : Elephantoan_5
- Track 147 : Yecey3_5
- Track 148 : Nergal_4
- Track 149 : MalagasyRose_6
- Track 150 : Soondubu_1
- Track 151 : Exile_1
- Track 152 : Pixelle_1, Amyev_1, Tian_1
- Track 153 : JuneStar_1, Yang_1
- Track 154 : Turab_1, AEgle_1, Adumb2043_1
- Track 155 : KeAlii_1
- Track 156 : AGrandiflora_1
- Track 157 : Tallboi_1, DrSierra_1
- Track 158 : Mudpuppy_1
- Track 159 : Tuck_2, Phives_2, Community_2
- Track 160 : IttyBittyPiggy_1
- Track 161 : Berrie_1
- Track 162 : Cassia_1, Pumpkins_1
- Track 163 : Iter_1, Ascela_1, Crewmate_1
- Track 164 : Sue2_1
- Track 165 : Wildwest_2
- Track 166 : Liebe_1, Maureen_1

- Track 167 : MaGuCo_1
- Track 168 : JasmineDragon_1, ShakeltOph_1, MiniMommy_1
- Track 169 : Sujidade_6, Lika_5, Godpower_6, Dattran_6, Goby_5, Brataylor_6, Toma_5
- Track 170 : Triste_5, TagePhighter_6, BarryBee_7, Chucky_5, SarahRose_5, Werner_5, Danzina_6, Whatever_5, OzzyJ_6, Hippo_5, Snorlax_5, Emaanora_6, Dwayne_5
- Track 171 : Jash_6, Eddasa_6, Izzy_6, BryanRecycles_6, Oliynyk_6, Rusticus_6
- Track 172 : RedBear_7, South40_6, Katalie_6
- Track 173 : Phettuccine_5, Aaronocolus_5, Unstoppable_5, Indigo_5, Leviticus_5, Esperer_5, Nerdos_5
- Track 174 : Nabi_5, Lorelei_5, Rana_5
- Track 175 : Ozzie_5, Hydra_7, BeardedLady_6, Caliburn_5, SunsetPointe_5, Legacy_5
- Track 176 : Yasdnil_5, Maneekul_5
- Track 177 : Asten_5
- Track 178 : Bovely_5
- Track 179 : Nanodon_7
- Track 180 : Ejemplo_5, TuanPN_5
- Track 181 : Lannister_6
- Track 182 : Zemlya_6, Celeste_5
- Track 183 : EnochSoames_6
- Track 184 : Janus_6, Zainub_10, Marav_8, TinaBelcher_5, BartholomewSD_7, Andris_5, Paolo_8, TrvxScott_4, Puginator_9, SqueakyClean_6, Animus_6, Thestral_6, Bowden_6, GirlDinner_6
- Track 185 : Tefunt_5, Caelum_6, Amethyst_5, Haizum_5, Superstar_6, Nishikigoi_5, Diane_5
- Track 186 : Omar_6
- Track 187 : Alvy_7
- Track 188 : R4_5
- Track 189 : Pablito_5
- Track 190 : Jevington_8
- Track 191 : Paedore_5, Loofah_6
- Track 192 : Hank144_6
- Track 193 : Triumph_6
- Track 194 : Daudau_5
- Track 195 : Issmi_6
- Track 196 : ELB20_04
- Track 197 : Alsaber_6
- Track 198 : Dexers_4, Conan_8
- Track 199 : phiCAM_05
- Track 200 : Amela_5, Verse_5
- Track 201 : Provolone_6, ElGato_7
- Track 202 : Vanseggelen_8
- Track 203 : Saftant_5
- Track 204 : Celery_7
- Track 205 : Yosif_6
- Track 206 : Verabelle_6
- Track 207 : BroPlease_5, GreenWeasel_5
- Track 208 : phiHau3_5
- Track 209 : Celia_5
- Track 210 : VieEnRose_5
- Track 211 : Itza_5, Urza_5

- Track 212 : Harlequin_3, Lillie_3, Belenaria_3, Bradshaw_3, Bryce_3, Naiad_3, Gollum_3, RER2_66, Krishelle_3, BobbyDazzler_3, Swann_3, Shuman_3, Erik_3, Nancinator_3, Natosaleda_3, Bonanza_3, Espica_3, Yoncess_3, TWAMP_3, Alpacados_3, UhSalsa_3, Alatin_3, CosmicSans_3, RexFury_3, Yogi_3, StCroix_3, Jester_3, PhailMary_3, Rasputin_3, Phrankenstien_3, Rhodalysa_3, Hiro_3
- Track 213 : Dinger_3, Takoda_3, AppleCloud_2, Partridge_3
- Track 214 : AngryOrchard_3
- Track 215 : RGL3_65
- Track 216 : Barnstormer_1
- Track 217 : Gretchen_1
- Track 218 : Caron_1
- Track 219 : Cen1621_1
- Track 220 : Percival_1
- Track 221 : SuMoo_1
- Track 222 : Mabodamaca_1
- Track 223 : Honk_1
- Track 224 : UtzChips_1
- Track 225 : Floof_1
- Track 226 : Arianna_2, Colleen_2, TouchMeNot_2, Poushou_2
- Track 227 : Ibantik_65
- Track 228 : Attoomi_2
- Track 229 : Success_49
- Track 230 : Juicebox_2
- Track 231 : GMA4_1

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

The start number called the most often in the published annotations is 60, it was called in 266 of the 901 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- ACFishhook_2, AbbysRanger_2, Abdiel_2, Achebe_2, Aglet_2, Alatin_3, Albee_2, Alberto7_2, Alpacados_3, AngryOrchard_3, Annyong_2, Anthony_2, AppleCloud_2, Arturo_1, AugsMagnumOpus_4, AvatarAhPeg_2, Avle17_2, B1_01, Baby16_2, BabyRay_2, Backyardigan_2, Badger_2, BangNhom_1, Bartimeaus_2, Beauxregard13_2, Belenaria_3, BellusTerra_2, Blackmoor_2, BlueBird_2, BobbyDazzler_3, Bombshell_2, Bonanza_3, Bradshaw_3, BreSam8_2, Broseidon_2, Bruiser_2, Bryce_3, BubbleTrouble_2, Bugatti_1, Bumblebee11_2, Burger_1, BuzzBuzz_1, Caelakin_2, Camperdownii_2, CentreCat_2, Cerulean_2, ChampagnePapi_2, Chaph_2, Cici_2, Cindaradix_2, Cintron_2, Citius_2, Clarenza_2, Cocoaberry_2, Colbster_2, Commander_2, Connomayer_2, CosmicSans_3, Daishi_2, Datway_2, Deano_2, Dhanush_2, Dinger_3, DirtyDunning_2, Drake94_2, Druantia_2, Eagle_1, Eapen_2, Edison31_1, EpicPhail_2, Erik_3, Eris_2, Eros_2, Espica_3, Eurydice_2, Floean_2, Flux_2, Fred313_2, Funston_2, Gadost_2, Gemma_2, GingkoMaracino_2, Giroux_1, Gollum_3, Goose_2, Grif_2, Grouphink_3, Grub_2, Grum1_2, GtownJaz_2, HamSlice_1, Happiness_2, Harlequin_3, HashRod_3, HaveUMetTed_3, Heliosoles_2, Hiro_3, Holli_2, Hookmount_2, Houdini22_2, ICleared_2, Iceman_2, Idleandcovert_1, Iracema64_2, Isca_2, JF2_2, JF4_2, Jaykayelowell_2, JeppNRM_3, Jester_3, JetBlade_2, JoongJeon_2, KADY_3, KFPoly_2, Kalb97_3, Kalnoky_3, Kampy_2, Katalie136_2, Kimona_2,

Kingmustik0402_2, KittenMittens_2, Koreni_2, Kratark_2, Kremtemulon_1, Krishelle_3, Kristoff_3, Kyee_2, LBerry_2, LHTSCC_2, Lambert1_2, LappelDuVide_1, LarryKay_2, Lemur_2, LeoAvram_2, Lillie_3, LittleB_2, LittleGuy_2, LochMonster_2, Lorenzo_2, Louie6_2, LugYA_4, Lunsford_2, MA5_2, MK4_2, MadMarie_2, Mainiac_2, Manu_3, Margo_2, Marius_3, Maverick_2, Maxo_2, Mazhar510_2, Medusa_2, MeeZee_2, Melvin_2, Millski_2, Miramae_2, Misomonster_4, Morpher26_2, Morrow_2, MuchMore_4, Mundrea_2, Naiad_3, Nancinator_3, Natosaleda_3, Nebs_2, Nemo27_2, Noella_2, Noelle_2, Norbert_1, NorthStar_2, NotAPhaseMom_2, Nyxis_2, OKCentral2016_2, OKaNui_2, Obama12_2, Ohfah_2, OlanP_2, Ollie_2, PGHhamlin_4, PP_13, Palestino_2, Partridge_3, Pawn_2, PeaceMeal1_2, Peaches_2, Pembroke_2, Penny1_2, Perplexer_2, PeterPeter_2, PetiteSangsue_2, Phacado_2, PhailMary_3, Phantastic_2, Felipe_2, Phighter1804_2, PhishRPhriends_2, Phoebe_2, Phontbonne_2, Phrankenstein_3, Phranny_3, Pipcraft_2, Pistachio_2, Pocahontas_2, Polymorphads_2, Poompha_2, PotatoSplit_3, Pumbaa_2, Puppy_2, PurpleHaze_2, QuinnKiro_1, RER2_66, RGL3_65, Rasputin_3, Reba_3, Rebeuca_3, Relief_2, ResDef_1, RexFury_3, Rhodalysa_3, RhynO_2, Rockstar_2, Romney_2, Roosevelt_2, Ruin_2, Rummer_2, Sabertooth_2, Sabinator_2, SaturnRing_1, Scamp_2, Scout_2, Severus_2, Shaka_2, SheldonCooper_2, Shuman_3, Shygu2_2, Skipitt_2, Snickers_2, SoYo_2, SoilDragon_2, Soshari_4, Sparxx_2, Spino_2, StCroix_3, Stagni_2, Stasia_2, StepMih_2, Stink_1, Swann_3, TNguyen7_2, TWAMP_3, Takoda_3, Taquarus_2, Texage_1, Thanksgivukkah_2, TinaFeyge_2, Tinybot_1, TiroTheta9_2, Todacoro_2, Topanga_2, Trike_1, TroyPia_2, Twister_2, TygerBlood_2, UhSalsa_3, Ulysses_2, Veracruz_1, WalterMcMickey_2, Wander_2, Watson_2, Wilbur_2, Wile_2, Wizard007_2, Wooldri_4, Xena_2, YoSam321_2, Yogi_3, Yoncess_3, Zetzy_2,

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

- AgronaGT15_2, Anubis_4, Barnstormer_1, Bxz2_2, Caron_1, Caviar_2, Chupacabra_2, Cullens_2, DaHudson_2, Dieselweasel_2, Eaglepride_2, Farber_2, Fernando_2, Heathen_2, HelDan_2, Hercules11_2, JHC117_2, JenCasNa_2, Jobu08_2, Lilith_2, Malinsilva_4, MarQuardt_2, Marie_2, Methuselah_2, Microwolf_2, MoneyMay_2, MyraDee_2, P28Green_2, Panamaxus_2, Phoxy_2, Popcicle_2, Sabia_2, Spike509_2, Taurus_2, Tiffany_2, UtzChips_1, Vix_2,

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

- 20ES_5, 40AC_6, A6_02, AEgle_1, AFIS_3, AGrandiflora_1, AN3_5, AN9_5, ANI8_5, Aaronocolus_5, AbbyPaige_6, Abbyshoes_3, Abrogate_30, Acme_4, Acolyte_5, Adahisdi_3, Adumb2043_1, Adzzy_5, Aeneas_2, Agaliana_3, Agape74_6, AgentM_2, Airmid_2, Ajay_3, Aliter_5, Alma_5, Alsaber_6, Alsfro_4, Altman_4, Alvin_4, Alvy_7, Amela_5, Amethyst_5, Amyev_1, Anaysia_5, Andris_5, Aneem_5, Anglerfish_3, Animus_6, AnnaL29_5, Anon_5, Anselm_6, Applejack_3, Aragog_2, Arcanine_3, ArcherNM_5, Archetta_2, Arianna_2, Arissanae_5, Arlo_3, Artemis2UCLA_5, Ascela_1, Ashballer_2, Asten_5, Astro_2, Atkinbua_3, Attoomi_2, BABullseye_5, BK1_02, BPBiabs31_3, BabyBack_4, Bachome_5, BaconJack_3, Bactobuster_5, Baehexic_6, Barriga_3, BarryBee_7, BartholomewSD_7, Battleship_6, BeardedLady_6, Beatrix_2, Beemo_5, BeesKnees_3, Benedict_2, BengiVuitton_5, Benvolio_6, Berrie_1, Bethlehem_3, Bexan_2, BiancaTri92_5, Big3_3, BigMau_4, BigPaolini_4, Bigfoot_2, BillKnuckles_3, Bircsak_3, Blinn1_5, BluSpix_2, Blue7_5, Blue_4, Bluefalcon_1, Bob3_3, BobSwaget_6, BogosyJay_5, Bonamassa_2, Bones_3, Boohoo_5, Bovely_5, Bowden_6, Bowtie_5, Brataylor_6, Briton15_3, BroPlease_5, Bruns_2, BryanRecycles_6, Bud_5, Buggy_6, Burton_3, Buttons_3, Bxb1_2, C3_05, CRB1_5, CactusRose_2, Caelum_6, Caliburn_5,

Candra_5, Caraxes_5, Carlyle_4, Cassia_1, Catalina_5, Celery_7, Celeste_5, Celia_5, Cen1621_1, Centaur_6, Chadwick_2, Chanagan_3, Changeling_5, Chargerpower_6, Charm_5, Chartreuse_5, Che12_5, ChipMunk_6, Chucky_5, Ciao_3, CloudWang3_5, Colin_6, Colleen_2, Community_2, Conan_8, ConceptII_3, Conquerage_5, Conspiracy_2, Coog_2, Cookiedough_5, Corvo_3, Crewmate_1, Crispicous1_2, Crucio_6, Cuco_2, Cueyllyss_3, D29_5, D32_5, DBQu4n_5, DD5_3, DaVinci_5, Dalmatian_6, Danforth_1, Danzina_6, Darrell_5, DarthPhader_5, Dattran_6, Daudau_5, DekHockey33_5, Deloris_5, Dexers_4, Dexes_4, Diane_5, Dignity_6, Discoknowium_2, Dixon_2, Doom_3, Dorothea_4, DrFeelGood_2, DrSierra_1, Drake55_6, DreamCatcher_4, DreamTeam1_5, Dreamboat_4, DroogsArmy_2, Dublin_1, DudeLittle_6, Dulcie_2, Duplo_5, Dussy_3, Dwayne_5, Dynamix_3, ELB20_04, EZMoney23_5, EagleEye_5, Ebony_5, Echild_6, Eddasa_6, Edtherson_3, Eidsmoe_5, Ejemplo_5, ElGato_7, ElTiger69_2, Elephantoon_5, Emaanora_6, EmyBug_3, EnochSoames_6, Epsocamisio_5, Equemioh13_6, EricB_5, Esperer_5, Espresso_3, Et2Brutus_4, Euphoria_3, EvilGenius_6, Exile_1, Expelliarmus_1, ExplosioNervosa_5, Eyeball_3, Fajezeel_4, Fameo_6, Fascinus_2, Fayely_5, Fenn_2, Fibonacci_5, FiringLine_6, First_005, Flare16_6, Flaverint_5, Floof_1, ForGetIt_2, Forsytheast_2, Francis47_3, FrogHopper_3, Fushigi_3, GMA4_1, GageAP_4, Gail_5, Gandalf20_3, Garak_5, GaugeLDP_5, George_1, Georgie2_6, Ghoulyboy_2, Gilberta_5, GirlDinner_6, Gladiator_5, Goby_5, Godpower_6, Gompeii16_3, Graduation_3, GrecoEtereo_4, GreedyLawyer_5, GreenWeasel_5, Greg_4, Gretchen_1, Groundhog_1, Gruunaga_5, Gwendoluna_2, Gyzlar_4, HINdeR_2, Haizum_5, Hammer_5, HanShotFirst_3, Hank144_6, HarryHoudini_6, HarryOW_4, Heffalump_6, Helmet_5, Herbertwm_2, Hermia_3, HermioneGrange_3, Hexamo_5, Hippo_5, Homines_3, Honk_1, Hoot_5, Hope4ever_3, HortumSL17_5, HuhtaEnerson15_2, Hutc2_5, Hydra_7, ILeeKay_4, Ibantik_65, Ichabod_3, IgnatiusPatJac_2, Indigo_5, Indra_5, Insomnia_4, IronMan_5, Isiphiwo_5, Issmi_6, Iter_1, IttyBittyPiggy_1, Itza_5, Iwokeuplikedis_6, Izzy_6, JC27_4, JSwag_5, Jaan_5, Jabiru_2, Jabith_5, JackSparrow_2, Janus_6, Jash_6, JasmineDragon_1, Jasper_4, Jeeves_5, Jeffabunny_5, Jerm2_3, Jerm_6, Jevington_8, JewelBug_5, Jordennis_5, Jorgensen_3, Joselito_5, JoshKayV_6, Journey13_5, Jovo_2, Jsquared_5, Juicebox_2, JuliaChild_4, JuneStar_1, KBG_3, KSSJEB_2, Kalpine_5, Kanely_4, Katalie_6, KatherineG_5, Kazan_5, KeAlii_1, Kenmech_3, Kerberos_5, Keziacharles14_5, Killigrew_2, KingCyrus_6, Kipper29_5, Koduck_4, Koko_5, Kugel_5, KyMonks1A_4, Kykar_2, L5_5, LadyBird_5, Lamina13_3, Landor_5, Lannister_6, Larenn_6, LastResort_5, Legacy_5, Leogania_5, Lesedi_2, Lev2_2, Leviathan_6, Leviticus_5, Licorice_5, Liebe_1, Lika_5, LilBib_2, LilTurb_6, LittleCherry_2, Lockley_3, Lokk_6, LoneWolf_5, Loofah_6, Looper_5, Lopton_3, Lorelei_5, Loser_5, Luchador_5, Lucivia_5, Lucyedi_5, MPlant7149_3, MaCh_5, MaGuCo_1, Mabel_5, Mabodamaca_1, Magnar_3, Magnito_2, Makemake_3, MalagasyRose_6, Malec_6, Maminiaina_5, Manatee_3, Maneekul_5, Marav_8, Marcell_3, Marge_2, Maroc7_2, Marsha_3, MaryBeth_3, MarysWell_1, Maureen_1, McFly_5, McGuire_3, MetalQZJ_3, Micasa_1, Michley_3, MiculUcigas_6, Midas2_2, Miko_6, Milcery_2, MinecraftSteve_6, MiniMommy_1, MissWhite_5, Molly_4, Monet_3, Moose_2, MrGordo_3, Mryolo_2, Mudpuppy_1, Mulciber_5, Mule_2, Munch_5, Museum_4, Myxus_5, NEHalo_3, NaSiaTalie_6, Nabi_5, Naca_2, Naira_2, Naji_5, Nanodon_7, NearlyHeadless_2, Nebulosus_5, Nedarya_5, Neeharika16_4, Nerdos_5, Nergal_4, Nerujay_3, Newrala_5, Nhonho_3, NicoleTera_5, Nishikigoi_5, Niza_4, Norz_3, NothingSpecial_4, Odin_4, Ohno789_2, Oliynyk_6, Omar_6, Oofda_5, Oogway_2, Orange_5, Ozzie_5, OzzyJ_6, PSullivan_3, Pablito_5, PacerPaul_3, PackMan_5, Paedore_5, PainterBoy_5, Paolo_8, Papez_3, Paphu_2, Paraselene_2, Pari_3, Parliament_2, PascalRango_3, PattyP_4, Pelly_4, Pepe_4, Percival_1, Perseus_2,

Petersenfast_4, Peterson_3, Petp2012_4, Petruchio_3, PetterN_2, Ph8s_5, Phaded_5, Phaeder_5, Pharaoh_5, PherrisBueller_4, Phettuccine_5, Phillis_2, Phives_2, Phlei_2, Phlorence_2, Phonnegut_5, PhrostyMug_2, PickleBack_2, PinkPlastic_2, Pinto_3, Pioneer_5, Pippin_4, Piro94_5, Pita2_4, Pixelle_1, Pmask_5, Pomar16_5, Poushou_2, Power_6, Priamo_5, Priya_5, Provolone_6, Puginator_9, Pukovnik_5, Pumpkins_1, QTRlifeCrisis_3, Qobbit_5, QueenB2_6, QueenBeesly_6, R4_5, Rachaly_6, Rahalelujah_5, Rajelicia_3, Rana_5, ReMo_5, RedBear_7, RedRock_5, Refuge_5, Remus_5, Retro23_6, Rhynn_2, RidgeCB_3, Rifter_5, Ringer_2, Roary_2, Rohr_3, Roksolana_5, Rosalind_5, Rubeus_3, Rufus_3, Ruotula_3, Rusticus_6, Rutherford_3, STLscum_4, Saftant_5, Sagefire_4, Saintus_2, Salz_5, SarFire_3, SarahRose_5, Scherzo_5, Scorpia_2, Scowl_4, Seabiscuit_3, Seanderson_4, SemperFi_6, Serenity_5, ShakeltOph_1, Sham4_5, ShayRa_6, SheaKeira_5, Sheen_2, Sibs6_4, SkiPole_4, Slagathor_3, Smairt_3, Smeadley_2, Smeagan_6, Smeagol_3, SmellyB_5, SnapTap_6, Snape_5, Snazzy_2, Snorlax_5, Solon_2, Soondubu_1, SororFago_5, Soups_5, South40_6, SpikeBT_3, Spouty_4, SqueakyClean_6, Squee_2, StarStuff_5, Steamy_5, Stephig9_2, StewieG_2, StrongArm_2, Strosahl_5, SuMoo_1, Success_49, Sue2_1, Sujidade_6, Sumter_3, SunsetPointe_5, Sunshine924_2, SuperAwesome_5, SuperCallie99_5, Superchunk_5, Superstar_6, SweetiePie_6, SwirlSquare_6, Swirley_2, SwissCheese_2, Switzer_3, Switzerland_5, Swole_4, SydNat_2, TagePhighter_6, Tallboi_1, Target_3, TarsusIV_6, Tarynearal_1, Tasp14_3, Tefunt_5, Teodoridan_2, Theia_1, TheloniousMonk_3, Thestral_6, Thor_3, Tian_1, Tiger_2, Timothy_5, Timshel_2, TinaBelcher_5, TinyTimmy_4, TopsytheTRex_5, Toaka_5, Toma_5, Tomathan_5, ToneTone_4, Topgun_3, Tote_4, TouchMeNot_2, Traft412_5, Treddle_3, Tripl3t_3, Triste_5, Triumph_6, Trixie_5, Trooper_6, Trouble_2, TrvxScott_4, TuanPN_5, Tubs_5, Tuck_2, Tucker_5, Turab_1, Turbido_6, Turj99_2, TwoPeat_2, U2_3, Ugenie5_3, UnionJack_2, Unstoppable_5, Updawg_6, Urza_5, VA6_5, VC3_5, Vanisoa_5, Vanseggelen_8, Verabelle_6, Verse_5, VieEnRose_5, Violet_3, VohminGhazi_5, Waits_5, Watermelon_4, WeiHuaDA_6, Werner_5, Whabigail7_6, Whatever_5, Wheeler_3, WideWale_6, Wiks_5, Wildwest_2, Wilkins_3, WunderPhul_5, XianYue_5, Yang_1, Yasdnil_5, Yecey3_5, Yokurt_5, Yosif_6, Zainub_10, Zaka_5, Zeeculate_2, Zemlya_6, Zephyr_2, Zeuska_2, Zimmer_5, Zolita_1, Zulu_5, phiCAM_05, phiHau3_5,

Summary by start number:

Start 39:

- Found in 4 of 990 (0.4%) of genes in pham
- Manual Annotations of this start: 2 of 901
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Heathen_2 (A3), HelDan_2 (A3),

Start 41:

- Found in 11 of 990 (1.1%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 9.1% of time when present
- Phage (with cluster) where this start called: Stephig9_2 (A8),

Start 42:

- Found in 1 of 990 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: MyraDee_2 (A18),

Start 49:

- Found in 6 of 990 (0.6%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 16.7% of time when present
- Phage (with cluster) where this start called: R4_5 (BD2),

Start 50:

- Found in 2 of 990 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Hank144_6 (BD2),

Start 52:

- Found in 113 of 990 (11.4%) of genes in pham
- Manual Annotations of this start: 25 of 901
- Called 28.3% of time when present
- Phage (with cluster) where this start called: Amethyst_5 (BD2), Andris_5 (BD2), Animus_6 (BD2), BartholomewSD_7 (BD2), Bowden_6 (BD2), BroPlease_5 (BD4), Caelum_6 (BD2), Daudau_5 (BD2), Diane_5 (BD2), GirlDinner_6 (BD2), GreenWeasel_5 (BD4), Haizum_5 (BD2), Issmi_6 (BD2), Janus_6 (BD2), Jevington_8 (BD2), Loofah_6 (BD2), Marav_8 (BD2), Nishikigoi_5 (BD2), Omar_6 (BD2), Pablito_5 (BD2), Paedore_5 (BD2), Paolo_8 (BD2), Puginator_9 (BD2), SqueakyClean_6 (BD2), Superstar_6 (BD2), Tefunt_5 (BD2), Thestral_6 (BD2), TinaBelcher_5 (BD2), Triumph_6 (BD2), TrvxScott_4 (BD2), Zainub_10 (BD2), phiHau3_5 (BD4),

Start 53:

- Found in 83 of 990 (8.4%) of genes in pham
- Manual Annotations of this start: 20 of 901
- Called 24.1% of time when present
- Phage (with cluster) where this start called: AgronaGT15_2 (A3), Anubis_4 (A3), Bxz2_2 (A3), Cullens_2 (A3), DaHudson_2 (A3), Dieselweasel_2 (A3), Fernando_2 (A3), Hercules11_2 (A3), JenCasNa_2 (A3), Jobu08_2 (A3), Malinsilva_4 (A3), MarQuardt_2 (A3), Marie_2 (A3), Methuselah_2 (A3), Microwolf_2 (A3), MoneyMay_2 (A3), P28Green_2 (A3), Sabia_2 (A3), Taurus_2 (A3), Tiffany_2 (A3),

Start 55:

- Found in 1 of 990 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anon_5 (A15),

Start 56:

- Found in 3 of 990 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Jeeves_5 (A14), SororFago_5 (A14), Yecey3_5 (A9),

Start 57:

- Found in 83 of 990 (8.4%) of genes in pham
- Manual Annotations of this start: 69 of 901

- Called 88.0% of time when present
- Phage (with cluster) where this start called: Acolyte_5 (A2), Aliter_5 (A9), Alma_5 (A9), Arissanae_5 (A9), Astro_2 (A8), Bactobuster_5 (A2), Beemo_5 (A9), BiancaTri92_5 (A2), BogosyJay_5 (A9), Catalina_5 (A9), Celia_5 (BD6), Chargerpower_6 (A), Charm_5 (A9), Chupacabra_2 (A10), Conquerage_5 (A9), Danforth_1 (A8), Darrell_5 (A9), DarthPhader_5 (A12), Dixon_2 (A8), DreamTeam1_5 (A9), EagleEye_5 (A16), Eaglepride_2 (A10), Eidsmoe_5 (A9), Elephantoon_5 (A9), EmyBug_3 (A9), Expelliarmus_1 (A8), ExplosioNervosa_5 (A9), Fayely_5 (A9), Gail_5 (A14), Groundhog_1 (A8), HortumSL17_5 (A9), IronMan_5 (A2), Itza_5 (BD6), Iwokeuplikedis_6 (A2), Jaan_5 (A2), Keziacharles14_5 (A9), Landor_5 (A2), Leogania_5 (A2), LoneWolf_5 (A9), Luchador_5 (A14), Lucyedi_5 (A16), Maminiaina_5 (A9), Myxus_5 (A9), NearlyHeadless_2 (A8), PackMan_5 (A9), PainterBoy_5 (A16), Phaded_5 (A2), Phaeder_5 (A9), Pharaoh_5 (A12), Phillis_2 (A8), Phonnegut_5 (A9), Pioneer_5 (A9), Priya_5 (A9), Pukovnik_5 (A2), Qobbit_5 (A9), Rahalelujah_5 (A9), Refuge_5 (A12), Roary_2 (A8), Saintus_2 (A8), Scherzo_5 (A9), SheaKeira_5 (A9), Smeadley_2 (A8), Spouty_4 (A9), Steamy_5 (A12), TarsusIV_6 (A2), Toaka_5 (A9), Trooper_6 (A2), Tubs_5 (A9), Ugenie5_3 (A9), Urza_5 (BD6), Vanisoa_5 (A9), VieEnRose_5 (BD6), Zimmer_5 (A12),

Start 58:

- Found in 208 of 990 (21.0%) of genes in pham
- Manual Annotations of this start: 193 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: A6_02 (A1), AFIS_3 (A1), Abbyshoes_3 (A1), Abrogate_30 (A1), Acme_4 (A1), Adahisdi_3 (A1), Aeneas_2 (A1), Agaliana_3 (A1), Ajay_3 (A1), Alsfro_4 (A1), Altman_4 (A1), Alvin_4 (A1), Anglerfish_3 (A1), Applejack_3 (A1), Arcanine_3 (A1), Arlo_3 (A1), Ashballer_2 (A1), Atkinbua_3 (A1), BK1_02 (A1), BPBiabs31_3 (A1), BaconJack_3 (A1), Barriga_3 (A1), Beatrix_2 (A1), BeesKnees_3 (A1), Bethlehem_3 (A1), Bexan_2 (A1), Big3_3 (A1), BigMau_4 (A1), BigPaolini_4 (A1), Bigfoot_2 (A1), BillKnuckles_3 (A1), Bircsak_3 (A1), BluSpix_2 (A1), Blue_4 (A1), Bob3_3 (A1), Bones_3 (A1), Briton15_3 (A1), Bruns_2 (A1), Burton_3 (A1), Buttons_3 (A1), Bxb1_2 (A1), CactusRose_2 (A1), Carlyle_4 (A1), Chanagan_3 (A1), Ciao_3 (A1), Conceptll_3 (A1), Corvo_3 (A1), Crispicous1_2 (A1), Cueyliss_3 (A1), DD5_3 (A1), Dexes_4 (A1), Doom_3 (A1), DrFeelGood_2 (A1), DreamCatcher_4 (A1), Dreamboat_4 (A1), Dulcie_2 (A1), Dussy_3 (A1), Dynamix_3 (A1), Edtherson_3 (A1), Espresso_3 (A1), Euphoria_3 (A1), Eyeball_3 (A1), Fajezeel_4 (A1), Fascinus_2 (A1), Fenn_2 (A1), Forsytheast_2 (A1), Francis47_3 (A1), Froghopper_3 (A1), Fushigi_3 (A1), GageAP_4 (A1), Gandalf20_3 (A1), Gompeii16_3 (A1), Graduation_3 (A1), GrecoEtereo_4 (A1), Greg_4 (A1), Gwendoluna_2 (A1), Gyzlar_4 (A1), HanShotFirst_3 (A1), HarryOW_4 (A1), Hermia_3 (A1), HermioneGrange_3 (A1), Homines_3 (A1), Hope4ever_3 (A1), ILeeKay_4 (A1), Ichabod_3 (A1), IgnatiusPatJac_2 (A1), JC27_4 (A1), JackSparrow_2 (A1), Jasper_4 (A1), Jerm2_3 (A1), Jorgensen_3 (A1), JuliaChild_4 (A1), KBG_3 (A1), KSSJEB_2 (A1), Kanely_4 (A1), Kenmech_3 (A1), Killigrew_2 (A1), Kugel_5 (A1), KyMonks1A_4 (A1), Kykar_2 (A1), Lamina13_3 (A1), Lesedi_2 (A1), Licorice_5 (A1), LilBib_2 (A1), Lockley_3 (A1), Lopton_3 (A1), MPlant7149_3 (A1), Magnar_3 (A1), Magnito_2 (A1), Makemake_3 (A1), Manatee_3 (A1), Marcell_3 (A1), Marge_2 (A1), Maroc7_2 (A1), Marsha_3 (A1), MaryBeth_3 (A1), McGuire_3 (A1), MetalQZJ_3 (A1), Michley_3 (A1), Molly_4 (A1), Monet_3 (A1), Moose_2 (A1), MrGordo_3 (A1), Mryolo_2 (A1), Mule_2 (A1), Museum_4 (A1), NEHalo_3 (A1), Naira_2 (A1), Nerujay_3 (A1), Nhonho_3 (A1), Niza_4 (A1), Norz_3 (A1), Ohno789_2 (A1), Oogway_2 (A1), PSullivan_3 (A1), PacerPaul_3 (A1), Papez_3 (A1), Paphu_2 (A1), Paraselene_2 (A1), Pari_3 (A1), Parliament_2 (A1), PascalRango_3 (A1),

PattyP_4 (A1), Pelly_4 (A1), Pepe_4 (A1), Perseus_2 (A1), Peterson_3 (A1), Petp2012_4 (A1), Petruccio_3 (A1), PherrisBueller_4 (A1), PhrostyMug_2 (A1), PinkPlastic_2 (A1), Pinto_3 (A1), Pippin_4 (A1), Pita2_4 (A1), QTRlifeCrisis_3 (A1), Rajelicia_3 (A1), Rhynn_2 (A1), RidgeCB_3 (A1), Ringer_2 (A1), Rohr_3 (A1), Rubeus_3 (A1), Rufus_3 (A1), Ruotula_3 (A1), Rutherford_3 (A1), STLscum_4 (A1), Sagefire_4 (A1), SarFire_3 (A1), Scowl_4 (A1), Seabiscuit_3 (A1), Seanderson_4 (A1), Sibs6_4 (A1), SkiPole_4 (A1), Slagathor_3 (A1), Smairt_3 (A1), Smeagol_3 (A1), Snazzy_2 (A1), Solon_2 (A1), SpikeBT_3 (A1), Squee_2 (A1), StewieG_2 (A1), StrongArm_2 (A1), Sumter_3 (A1), Sunshine924_2 (A1), SwissCheese_2 (A1), Switzer_3 (A1), Swole_4 (A1), Target_3 (A1), Tasp14_3 (A1), Teodoridan_2 (A1), TheloniousMonk_3 (A1), Thor_3 (A1), Topgun_3 (A1), Tote_4 (A1), Traft412_5 (A1), Treddle_3 (A1), Tripl3t_3 (A1), Trouble_2 (A1), Turj99_2 (A1), TwoPeat_2 (A1), U2_3 (A1), Violet_3 (A1), Watermelon_4 (A1), Wheeler_3 (A1), Wilkins_3 (A1), Zeeculate_2 (A1), Zephyr_2 (A1), Zeuska_2 (A1),

Start 59:

- Found in 42 of 990 (4.2%) of genes in pham
- Manual Annotations of this start: 41 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AgentM_2 (A5), Airmid_2 (A5), Aragog_2 (A5), Archetta_2 (A5), Benedict_2 (A5), Bluefalcon_1 (A5), Bonamassa_2 (A5), Chadwick_2 (A5), Conspiracy_2 (A5), Coog_2 (A5), Cuco_2 (A5), Discoknowium_2 (A5), DroogsArmy_2 (A7), Dublin_1 (A5), EITiger69_2 (A5), ForGetIt_2 (A5), George_1 (A5), Ghoulyboy_2 (A5), HINdeR_2 (A7), HuhtaEnerson15_2 (A5), Jabiru_2 (A5), Jovo_2 (A5), Lev2_2 (A5), LittleCherry_2 (A5), MarysWell_1 (A5), Micasa_1 (A5), Midas2_2 (A5), Milcery_2 (A5), Naca_2 (A5), PetterN_2 (A5), Phlorence_2 (A5), PickleBack_2 (A5), Scorpia_2 (A5), Sheen_2 (A7), Swirley_2 (A5), SydNat_2 (A5), Tarynearal_1 (A5), Theia_1 (A5), Tiger_2 (A5), Timshel_2 (A7), UnionJack_2 (A5), Zolita_1 (A5),

Start 60:

- Found in 316 of 990 (31.9%) of genes in pham
- Manual Annotations of this start: 266 of 901
- Called 88.3% of time when present
- Phage (with cluster) where this start called: ACFishhook_2 (A3), AbbysRanger_2 (A4), Abdiel_2 (A4), Achebe_2 (A4), Aglet_2 (A3), Alatin_3 (CA), Albee_2 (A4), Alberto7_2 (A4), Alpacados_3 (CA), AngryOrchard_3 (CA), Annyong_2 (A4), Anthony_2 (A20), AppleCloud_2 (CA), Arturo_1 (A4), AugsMagnumOpus_4 (A3), AvatarAhPeg_2 (A4), Avle17_2 (A4), B1_01 (A3), Baby16_2 (A4), BabyRay_2 (A3), Backyardigan_2 (A4), Badger_2 (A4), BangNhom_1 (A4), Bartimeaus_2 (A4), Beauxregard13_2 (A3), Belenaria_3 (CA), BellusTerra_2 (A4), Blackmoor_2 (A4), BlueBird_2 (A3), BobbyDazzler_3 (CA), Bombshell_2 (A4), Bonanza_3 (CA), Bradshaw_3 (CA), BreSam8_2 (A3), Broseidon_2 (A4), Bruiser_2 (A4), Bryce_3 (CA), BubbleTrouble_2 (A4), Bugatti_1 (A3), Bumblebee11_2 (A4), Burger_1 (A4), BuzzBuzz_1 (A3), Caelakin_2 (A4), Camperdownii_2 (A4), CentreCat_2 (A4), Cerulean_2 (A4), ChampagnePapi_2 (A4), Chaph_2 (A4), Cici_2 (A4), Cindaradix_2 (A4), Cintron_2 (A4), Citius_2 (A4), Clarenza_2 (A4), Cocoaberry_2 (A4), Colbster_2 (A3), Commander_2 (A4), Connomayer_2 (A4), CosmicSans_3 (CA), Daishi_2 (A3), Datway_2 (A4), Deano_2 (A4), Dhanush_2 (A4), Dinger_3 (CA), DirtyDunning_2 (A4), Drake94_2 (A10), Druantia_2 (A4), Eagle_1 (A4), Eapen_2 (A4), Edison31_1 (A10), EpicPhail_2 (A3), Erik_3 (CA), Eris_2 (A4), Eros_2 (A4), Espica_3 (CA), Eurydice_2 (A4), Florean_2 (A4), Flux_2 (A4), Fred313_2 (A3), Funston_2 (A4), Gadost_2 (A4), Gemma_2 (A3), GingkoMaracino_2 (A3), Giroux_1 (A3), Gollum_3

(CA), Goose_2 (A10), Grif_2 (A3), Groupthink_3 (A3), Grub_2 (A3), Grum1_2 (A3), GtownJaz_2 (A3), HamSlice_1 (A4), Happiness_2 (A4), Harlequin_3 (CA), HashRod_3 (A3), HaveUMetTed_3 (A3), Heliosoles_2 (A3), Hiro_3 (CA), Holli_2 (A4), Hookmount_2 (A3), Houdini22_2 (A4), ICleared_2 (A4), Iceman_2 (A4), Idleandcovert_1 (A3), Iracema64_2 (A4), Isca_2 (A3), JF2_2 (A3), JF4_2 (A3), Jaykayelowell_2 (A4), JeppNRM_3 (A3), Jester_3 (CA), JetBlade_2 (A4), JoongJeon_2 (A4), KADY_3 (A3), KFPoly_2 (A4), Kalb97_3 (A3), Kalnoky_3 (A3), Kampy_2 (A4), Katalie136_2 (A4), Kimona_2 (A19), Kingmustik0402_2 (A4), KittenMittens_2 (A10), Koreni_2 (A4), Kratark_2 (A4), Kremtemulon_1 (A4), Krishelle_3 (CA), Kristoff_3 (A10), Kyee_2 (A4), LBerry_2 (A3), LHTSCC_2 (A4), Lambert1_2 (A3), LappelDuVide_1 (A4), LarryKay_2 (A3), Lemur_2 (A4), LeoAvram_2 (A4), Lillie_3 (CA), LittleB_2 (A4), LittleGuy_2 (A4), LochMonster_2 (A4), Lorenzo_2 (A4), Louie6_2 (A3), LugYA_4 (A3), Lunsford_2 (A4), MA5_2 (A3), MK4_2 (A3), MadMarie_2 (A3), Mainiac_2 (A3), Manu_3 (A3), Margo_2 (A3), Marius_3 (A3), Maverick_2 (A4), Maxo_2 (A4), Mazhar510_2 (A4), Medusa_2 (A4), MeeZee_2 (A4), Melvin_2 (A4), Millski_2 (A4), Miramae_2 (A4), Misomonster_4 (A3), Morpher26_2 (A4), Morrow_2 (A4), MuchMore_4 (A3), Mundrea_2 (A4), Naiad_3 (CA), Nancinator_3 (CA), Natosaleda_3 (CA), Nebs_2 (A4), Nemo27_2 (A4), Noella_2 (A3), Noelle_2 (A4), Norbert_1 (A3), NorthStar_2 (A4), NotAPhaseMom_2 (A4), Nyxis_2 (A4), OKCentral2016_2 (A10), OKaNui_2 (A4), Obama12_2 (A4), Ohfah_2 (A4), OlanP_2 (A3), Ollie_2 (A3), PGHhamlin_4 (A3), PP_13 (A7), Palestino_2 (A4), Partridge_3 (CA), Pawn_2 (A3), PeaceMeal1_2 (A10), Peaches_2 (A4), Pembroke_2 (A3), Penny1_2 (A3), Perplexer_2 (A4), PeterPeter_2 (A4), PetiteSangsue_2 (A4), Phacado_2 (A4), PhailMary_3 (CA), Phantastic_2 (A3), Felipe_2 (A4), Phighter1804_2 (A4), PhishRPhriends_2 (A3), Phoebe_2 (A3), Phontbonne_2 (A4), Phrankenstein_3 (CA), Phranny_3 (A3), Pipcraft_2 (A4), Pistachio_2 (A3), Pocahontas_2 (A3), Polymorphads_2 (A4), Poompha_2 (A10), PotatoSplit_3 (A3), Pumbaa_2 (A4), Puppy_2 (A3), PurpleHaze_2 (A3), QuinnKiro_1 (A3), RER2_66 (CA), RGL3_65 (CA), Rasputin_3 (CA), Reba_3 (A3), Rebeuca_3 (A10), Relief_2 (A4), ResDef_1 (A3), RexFury_3 (CA), Rhodalysa_3 (CA), RhynO_2 (A10), Rockstar_2 (A3), Romney_2 (A4), Roosevelt_2 (A4), Ruin_2 (A4), Rummer_2 (A3), Sabertooth_2 (A4), Sabinator_2 (A3), SaturnRing_1 (A3), Scamp_2 (A4), Scout_2 (A3), Severus_2 (A10), Shaka_2 (A4), SheldonCooper_2 (A4), Shuman_3 (CA), Shygu2_2 (A4), Skipitt_2 (A4), Snickers_2 (A3), SoYo_2 (A3), SoilDragon_2 (A3), Soshari_4 (A3), Sparxx_2 (A4), Spino_2 (A4), StCroix_3 (CA), Stagni_2 (A3), Stasia_2 (A4), StepMih_2 (A3), Stink_1 (A4), Swann_3 (CA), TNguyen7_2 (A3), TWAMP_3 (CA), Takoda_3 (CA), Taquarus_2 (A4), Texage_1 (A3), Thanksgivukkah_2 (A4), TinaFeyge_2 (A4), Tinybot_1 (A4), TiroTheta9_2 (A4), Todacoro_2 (A3), Topanga_2 (A10), Trike_1 (A10), TroyPia_2 (A4), Twister_2 (A10), TygerBlood_2 (A4), UhSalsa_3 (CA), Ulysses_2 (A4), Veracruz_1 (A3), WalterMcMickey_2 (A10), Wander_2 (A4), Watson_2 (A3), Wilbur_2 (A4), Wile_2 (A4), Wizard007_2 (A4), Wooldri_4 (A3), Xena_2 (A4), YoSam321_2 (A4), Yogi_3 (CA), Yoncess_3 (CA), Zetzy_2 (A3),

Start 61:

- Found in 4 of 990 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amyev_1 (AZ1), Pixelle_1 (AZ1), Sue2_1 (AZ1), Tian_1 (AZ1),

Start 62:

- Found in 223 of 990 (22.5%) of genes in pham

- Manual Annotations of this start: 187 of 901
- Called 99.6% of time when present
- Phage (with cluster) where this start called: 20ES_5 (A2), 40AC_6 (A17), AEgle_1 (AZ1), AN3_5 (A2), AN9_5 (A2), ANI8_5 (A2), AbbyPaige_6 (A2), Adumb2043_1 (AZ1), Adzzy_5 (A2), Agape74_6 (A2), Anaysia_5 (A15), Aneem_5 (A11), AnnaL29_5 (A2), Anselm_6 (A2), ArcherNM_5 (A2), Artemis2UCLA_5 (A6), Ascela_1 (AZ1), BABullseye_5 (A6), BabyBack_4 (A2), Bachome_5 (A11), Baehexic_6 (A2), Battleship_6 (A15), BengiVuitton_5 (A2), Benvolio_6 (A2), Berrie_1 (AZ1), Blinn1_5 (A6), Blue7_5 (A6), BobSwaget_6 (A2), Boohoo_5 (A15), Bowtie_5 (A11), Bud_5 (A11), Buggy_6 (A2), C3_05 (A2), CRB1_5 (A2), Candra_5 (A6), Caraxes_5 (A2), Cassia_1 (AZ1), Centaur_6 (A2), Changeling_5 (A2), Chartreuse_5 (A6), Che12_5 (A2), ChipMunk_6 (A2), CloudWang3_5 (A6), Colin_6 (A2), Community_2 (AZ1), Cookiedough_5 (A6), Crewmate_1 (AZ1), Crucio_6 (A2), D29_5 (A2), D32_5 (A2), DBQu4n_5 (A2), DaVinci_5 (A6), Dalmatian_6 (A2), DekHockey33_5 (A15), Deloris_5 (A2), Dignity_6 (A2), Dorothea_4 (A6), DrSierra_1 (AZ1), Drake55_6 (A2), DudeLittle_6 (A2), Duplo_5 (A2), EZMoney23_5 (A2), Ebony_5 (A11), Echild_6 (A2), Epsocamisio_5 (A15), Equemioh13_6 (A2), EricB_5 (A6), Et2Brutus_4 (A11), EvilGenius_6 (A2), Exile_1 (AZ), Fameo_6 (A2), Fibonacci_5 (A11), FiringLine_6 (A2), First_005 (A2), Flare16_6 (A2), Flaverint_5 (A11), Garak_5 (A6), GaugeLDP_5 (A2), Georgie2_6 (A2), Gilberta_5 (A11), Gladiator_5 (A6), GreedyLawyer_5 (A6), Gruunaga_5 (A6), Hammer_5 (A6), HarryHoudini_6 (A2), Heffalump_6 (A2), Helmet_5 (A6), Herbertwm_2 (A2), Hexamo_5 (A6), Hoot_5 (A6), Hutc2_5 (A11), Ibantik_65 (singleton), Indra_5 (A6), Insomnia_4 (A11), Isiphiwo_5 (A6), Iter_1 (AZ1), IttyBittyPiggy_1 (AZ1), JSwag_5 (A15), Jabith_5 (A11), JasmineDragon_1 (AZ4), Jeffabunny_5 (A6), Jerm_6 (A2), JewelBug_5 (A6), Jordennis_5 (A6), Joselito_5 (A11), JoshKayV_6 (A2), Journey13_5 (A2), Jsquared_5 (A2), JuneStar_1 (AZ1), Kalpine_5 (A2), KatherineG_5 (A15), Kazan_5 (A6), KeAlii_1 (AZ1), Kerberos_5 (A2), KingCyrus_6 (A2), Kipper29_5 (A6), Koduck_4 (A2), Koko_5 (A6), L5_5 (A2), LadyBird_5 (A2), Larenn_6 (A2), LastResort_5 (A15), Leviathan_6 (A2), Liebe_1 (AZ2), LilTurb_6 (A2), Lokk_6 (A2), Looper_5 (A15), Loser_5 (A2), Lucivia_5 (A11), MaCh_5 (A11), MaGuCo_1 (AZ2), Mabel_5 (A11), Malec_6 (A2), Maureen_1 (AZ2), McFly_5 (A6), MiculUcigas_6 (A2), Miko_6 (A2), MinecraftSteve_6 (A15), MiniMommy_1 (AZ4), MissWhite_5 (A2), Mudpuppy_1 (AZ1), Mulciber_5 (A11), Munch_5 (A11), NaSiaTalie_6 (A2), Naji_5 (A2), Nebulosus_5 (A15), Nedarya_5 (A15), Neeharika16_4 (A6), Newrala_5 (A6), NicoleTera_5 (A2), NothingSpecial_4 (A2), Odin_4 (A2), Oofda_5 (A15), Orange_5 (A11), Petersenfast_4 (A11), Ph8s_5 (A2), Phives_2 (AZ1), Phlei_2 (A13), Piro94_5 (A2), Pmask_5 (A6), Pomar16_5 (A2), Power_6 (A2), Priamo_5 (A6), Pumpkins_1 (AZ1), QueenB2_6 (A2), QueenBeesly_6 (A2), Rachaly_6 (A2), ReMo_5 (A15), RedRock_5 (A2), Remus_5 (A15), Retro23_6 (A2), Rifter_5 (A6), Roksolana_5 (A6), Rosalind_5 (A15), Salz_5 (A11), SemperFi_6 (A2), Serenity_5 (A2), ShakeltOph_1 (AZ4), Sham4_5 (A11), ShayRa_6 (A15), Smeagan_6 (A2), SmellyB_5 (A6), SnapTap_6 (A2), Snape_5 (A11), Soondubu_1 (AZ), Soups_5 (A15), StarStuff_5 (A2), Strosahl_5 (A15), Success_49 (singleton), SuperAwesome_5 (A6), SuperCallie99_5 (A6), Superchunk_5 (A2), SweetiePie_6 (A2), SwirlSquare_6 (A2), Switzerland_5 (A15), Tallboi_1 (AZ1), Timothy_5 (A11), TinyTimmy_4 (A11), TipsytheTRex_5 (A2), Tomathan_5 (A2), ToneTone_4 (A6), Trixie_5 (A2), Tuck_2 (AZ1), Tucker_5 (A6), Turab_1 (AZ1), Turbido_6 (A2), Updawg_6 (A2), VA6_5 (A2), VC3_5 (A2), VohminGhazi_5 (A6), Waits_5 (A15), WeiHuaDA_6 (A2), Whabigail7_6 (A2), WideWale_6 (A2), Wiks_5 (A6), Wildwest_2 (AZ1), WunderPhul_5 (A6), XianYue_5 (A2), Yang_1 (AZ1), Yokurt_5 (A6), Zaka_5 (A6), Zulu_5 (A6),

Start 63:

- Found in 35 of 990 (3.5%) of genes in pham
- Manual Annotations of this start: 29 of 901
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amela_5 (BD3), Asten_5 (BD1), BarryBee_7 (BD1), BryanRecycles_6 (BD1), Celery_7 (BD3), Chucky_5 (BD1), Conan_8 (BD3), Danzina_6 (BD1), Dexers_4 (BD3), Dwayne_5 (BD1), Eddasa_6 (BD1), ElGato_7 (BD3), Emaanora_6 (BD1), EnochSoames_6 (BD1), Hippo_5 (BD1), Izzy_6 (BD1), Jash_6 (BD1), Lorelei_5 (BD1), Nabi_5 (BD1), Nanodon_7 (BD1), Oliynyk_6 (BD1), OzzyJ_6 (BD1), Provolone_6 (BD3), Rana_5 (BD1), Rusticus_6 (BD1), Saftant_5 (BD3), SarahRose_5 (BD1), Snorlax_5 (BD1), TagePhighter_6 (BD1), Triste_5 (BD1), Verabelle_6 (BD3), Verse_5 (BD3), Werner_5 (BD1), Whatever_5 (BD1), Yosif_6 (BD3),

Start 64:

- Found in 53 of 990 (5.4%) of genes in pham
- Manual Annotations of this start: 48 of 901
- Called 98.1% of time when present
- Phage (with cluster) where this start called: Aaronocolus_5 (BD1), Alsaber_6 (BD3), Arianna_2 (EO), Attoomi_2 (singleton), Barnstormer_1 (EH), BeardedLady_6 (BD1), Bovely_5 (BD1), Brataylor_6 (BD1), Caliburn_5 (BD1), Caron_1 (EH), Celeste_5 (BD1), Cen1621_1 (EH), Colleen_2 (EO), Dattran_6 (BD1), Ejemplo_5 (BD1), Esperer_5 (BD1), Floof_1 (EH), GMA4_1 (singleton), Goby_5 (BD1), Godpower_6 (BD1), Gretchen_1 (EH), Honk_1 (EH), Hydra_7 (BD1), Indigo_5 (BD1), Juicebox_2 (singleton), Katalie_6 (BD1), Lannister_6 (BD1), Legacy_5 (BD1), Leviticus_5 (BD1), Lika_5 (BD1), MalagasyRose_6 (AG), Maneekul_5 (BD1), Nerdos_5 (BD1), Nergal_4 (AG), Ozzie_5 (BD1), Percival_1 (EH), Phettuccine_5 (BD1), Poushou_2 (EO), RedBear_7 (BD1), South40_6 (BD1), SuMoo_1 (EH), Sujidade_6 (BD1), SunsetPointe_5 (BD1), Toma_5 (BD1), TouchMeNot_2 (EO), TuanPN_5 (BD1), Unstoppable_5 (BD1), UtzChips_1 (EH), Vanseggelen_8 (BD3), Yasdnii_5 (BD1), Zemlya_6 (BD1), phiCAM_05 (BD3),

Start 65:

- Found in 134 of 990 (13.5%) of genes in pham
- Manual Annotations of this start: 6 of 901
- Called 4.5% of time when present
- Phage (with cluster) where this start called: Farber_2 (A3), JHC117_2 (A3), Lilith_2 (A3), Phoxy_2 (A3), Spike509_2 (A3), Vix_2 (A3),

Start 66:

- Found in 4 of 990 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 901
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Mabodamaca_1 (EH),

Start 75:

- Found in 39 of 990 (3.9%) of genes in pham
- Manual Annotations of this start: 3 of 901
- Called 7.7% of time when present
- Phage (with cluster) where this start called: Caviar_2 (A3), Panamaxus_2 (A3), Popcicle_2 (A3),

Start 80:

- Found in 673 of 990 (68.0%) of genes in pham

- Manual Annotations of this start: 2 of 901
- Called 0.3% of time when present
- Phage (with cluster) where this start called: Alvy_7 (BD2), ELB20_04 (BD2),

Start 87:

- Found in 6 of 990 (0.6%) of genes in pham
- No Manual Annotations of this start.
- Called 16.7% of time when present
- Phage (with cluster) where this start called: AGrandiflora_1 (AZ1),

Summary by clusters:

There are 35 clusters represented in this pham: singleton, EH, A15, A14, A17, AZ, A11, A10, A13, A12, A19, A18, A1, BD4, A3, BD6, BD1, A4, BD3, A6, A9, A8, A2, A, EO, A7, AG, CA, BD2, A16, A5, A20, AZ1, AZ2, AZ4,

Info for manual annotations of cluster A:

- Start number 57 was manually annotated 1 time for cluster A.

Info for manual annotations of cluster A1:

- Start number 58 was manually annotated 193 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 57 was manually annotated 2 times for cluster A10.
- Start number 60 was manually annotated 14 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 62 was manually annotated 22 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 57 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 56 was manually annotated 2 times for cluster A14.
- Start number 57 was manually annotated 2 times for cluster A14.

Info for manual annotations of cluster A15:

- Start number 55 was manually annotated 1 time for cluster A15.
- Start number 62 was manually annotated 20 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 57 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 42 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 60 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 57 was manually annotated 11 times for cluster A2.

- Start number 62 was manually annotated 89 times for cluster A2.

Info for manual annotations of cluster A20:

- Start number 60 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A3:

- Start number 39 was manually annotated 2 times for cluster A3.
- Start number 53 was manually annotated 20 times for cluster A3.
- Start number 60 was manually annotated 80 times for cluster A3.
- Start number 65 was manually annotated 6 times for cluster A3.
- Start number 75 was manually annotated 3 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 60 was manually annotated 133 times for cluster A4.

Info for manual annotations of cluster A5:

- Start number 59 was manually annotated 37 times for cluster A5.

Info for manual annotations of cluster A6:

- Start number 62 was manually annotated 39 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 59 was manually annotated 4 times for cluster A7.
- Start number 60 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:

- Start number 41 was manually annotated 1 time for cluster A8.
- Start number 57 was manually annotated 10 times for cluster A8.

Info for manual annotations of cluster A9:

- Start number 56 was manually annotated 1 time for cluster A9.
- Start number 57 was manually annotated 31 times for cluster A9.

Info for manual annotations of cluster AG:

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

Info for manual annotations of cluster AZ1:

- Start number 61 was manually annotated 1 time for cluster AZ1.
- Start number 62 was manually annotated 12 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 62 was manually annotated 3 times for cluster AZ2.

Info for manual annotations of cluster BD1:

- Start number 63 was manually annotated 23 times for cluster BD1.
- Start number 64 was manually annotated 31 times for cluster BD1.

Info for manual annotations of cluster BD2:

- Start number 49 was manually annotated 1 time for cluster BD2.
- Start number 50 was manually annotated 1 time for cluster BD2.
- Start number 52 was manually annotated 22 times for cluster BD2.

- Start number 80 was manually annotated 2 times for cluster BD2.

Info for manual annotations of cluster BD3:

- Start number 63 was manually annotated 6 times for cluster BD3.
- Start number 64 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD4:

- Start number 52 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster BD6:

- Start number 57 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster CA:

- Start number 60 was manually annotated 36 times for cluster CA.

Info for manual annotations of cluster EH:

- Start number 64 was manually annotated 8 times for cluster EH.
- Start number 66 was manually annotated 1 time for cluster EH.

Info for manual annotations of cluster EO:

- Start number 64 was manually annotated 4 times for cluster EO.

Gene Information:

Gene: 20ES_5 Start: 2818, Stop: 3288, Start Num: 62

Candidate Starts for 20ES_5:

(Start: 62 @2818 has 187 MA's), (77, 2902), (86, 2938), (93, 2977), (97, 3007), (112, 3103), (114, 3112), (122, 3136), (139, 3235), (144, 3244),

Gene: 40AC_6 Start: 2633, Stop: 3097, Start Num: 62

Candidate Starts for 40AC_6:

(Start: 62 @2633 has 187 MA's), (77, 2717), (Start: 80 @2729 has 2 MA's), (86, 2753), (93, 2792), (97, 2822), (100, 2861), (103, 2873), (112, 2918), (114, 2927), (122, 2951), (126, 2969), (144, 3059),

Gene: A6_02 Start: 1099, Stop: 1539, Start Num: 58

Candidate Starts for A6_02:

(Start: 58 @1099 has 193 MA's), (Start: 80 @1198 has 2 MA's), (115, 1372), (122, 1393), (132, 1447), (136, 1483), (140, 1492),

Gene: ACFishhook_2 Start: 860, Stop: 1279, Start Num: 60

Candidate Starts for ACFishhook_2:

(Start: 53 @854 has 20 MA's), (Start: 60 @860 has 266 MA's), (Start: 65 @878 has 6 MA's), (115, 1130), (122, 1151), (139, 1241),

Gene: AEgle_1 Start: 85, Stop: 540, Start Num: 62

Candidate Starts for AEgle_1:

(Start: 62 @85 has 187 MA's), (87, 214), (147, 511), (149, 520),

Gene: AFIS_3 Start: 1174, Stop: 1614, Start Num: 58

Candidate Starts for AFIS_3:

(Start: 58 @1174 has 193 MA's), (Start: 80 @1273 has 2 MA's), (115, 1447), (122, 1468), (132, 1522), (136, 1558), (140, 1567),

Gene: AGrandiflora_1 Start: 213, Stop: 536, Start Num: 87

Candidate Starts for AGrandiflora_1:

(48, 54), (Start: 62 @84 has 187 MA's), (87, 213), (134, 471), (147, 510), (149, 519),

Gene: AN3_5 Start: 2800, Stop: 3270, Start Num: 62

Candidate Starts for AN3_5:

(Start: 62 @2800 has 187 MA's), (77, 2884), (86, 2920), (93, 2959), (97, 2989), (112, 3085), (114, 3094), (122, 3118), (139, 3217), (144, 3226),

Gene: AN9_5 Start: 2676, Stop: 3143, Start Num: 62

Candidate Starts for AN9_5:

(Start: 52 @2670 has 25 MA's), (Start: 62 @2676 has 187 MA's), (77, 2760), (Start: 80 @2772 has 2 MA's), (91, 2826), (93, 2835), (114, 2970), (122, 2994), (130, 3036), (135, 3084), (144, 3102),

Gene: ANI8_5 Start: 2676, Stop: 3143, Start Num: 62

Candidate Starts for ANI8_5:

(Start: 52 @2670 has 25 MA's), (Start: 62 @2676 has 187 MA's), (77, 2760), (Start: 80 @2772 has 2 MA's), (91, 2826), (93, 2835), (114, 2970), (122, 2994), (130, 3036), (135, 3084), (144, 3102),

Gene: Aaronocolus_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Aaronocolus_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: AbbyPaige_6 Start: 2874, Stop: 3344, Start Num: 62

Candidate Starts for AbbyPaige_6:

(Start: 62 @2874 has 187 MA's), (77, 2958), (Start: 80 @2970 has 2 MA's), (86, 2994), (93, 3033), (97, 3063), (112, 3159), (114, 3168), (122, 3192), (139, 3291), (144, 3300),

Gene: AbbysRanger_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for AbbysRanger_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Abbysshoes_3 Start: 1089, Stop: 1523, Start Num: 58

Candidate Starts for Abbysshoes_3:

(Start: 58 @1089 has 193 MA's), (Start: 80 @1182 has 2 MA's), (114, 1353), (115, 1356), (119, 1368), (122, 1377), (132, 1431), (136, 1467), (140, 1476),

Gene: Abdiel_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Abdiel_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Abrogate_30 Start: 1659, Stop: 2093, Start Num: 58

Candidate Starts for Abrogate_30:

(Start: 58 @1659 has 193 MA's), (Start: 80 @1752 has 2 MA's), (115, 1926), (122, 1947), (132, 2001), (136, 2037), (140, 2046),

Gene: Achebe_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Achebe_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Acme_4 Start: 1246, Stop: 1686, Start Num: 58

Candidate Starts for Acme_4:

(Start: 58 @1246 has 193 MA's), (Start: 80 @1345 has 2 MA's), (115, 1519), (122, 1540), (132, 1594), (136, 1630), (140, 1639),

Gene: Acolyte_5 Start: 2456, Stop: 2932, Start Num: 57

Candidate Starts for Acolyte_5:

(19, 2303), (26, 2342), (Start: 57 @2456 has 69 MA's), (77, 2543), (86, 2579), (93, 2618), (112, 2744), (114, 2753), (122, 2777), (139, 2876), (144, 2885),

Gene: Adahisdi_3 Start: 1132, Stop: 1566, Start Num: 58

Candidate Starts for Adahisdi_3:

(Start: 58 @1132 has 193 MA's), (Start: 80 @1225 has 2 MA's), (115, 1399), (122, 1420), (132, 1474), (136, 1510), (140, 1519),

Gene: Adumb2043_1 Start: 85, Stop: 540, Start Num: 62

Candidate Starts for Adumb2043_1:

(Start: 62 @85 has 187 MA's), (87, 214), (147, 511), (149, 520),

Gene: Adzzy_5 Start: 2493, Stop: 2957, Start Num: 62

Candidate Starts for Adzzy_5:

(Start: 62 @2493 has 187 MA's), (Start: 65 @2511 has 6 MA's), (77, 2577), (Start: 80 @2589 has 2 MA's), (86, 2613), (93, 2652), (114, 2787), (122, 2811), (123, 2814), (135, 2904), (139, 2913), (144, 2922),

Gene: Aeneas_2 Start: 926, Stop: 1360, Start Num: 58

Candidate Starts for Aeneas_2:

(Start: 58 @926 has 193 MA's), (Start: 65 @938 has 6 MA's), (Start: 80 @1019 has 2 MA's), (114, 1190), (115, 1193), (119, 1205), (122, 1214), (132, 1268), (136, 1304), (140, 1313),

Gene: Agaliana_3 Start: 1166, Stop: 1606, Start Num: 58

Candidate Starts for Agaliana_3:

(Start: 58 @1166 has 193 MA's), (Start: 80 @1265 has 2 MA's), (115, 1439), (122, 1460), (132, 1514), (136, 1550), (140, 1559),

Gene: Agape74_6 Start: 2874, Stop: 3344, Start Num: 62

Candidate Starts for Agape74_6:

(Start: 62 @2874 has 187 MA's), (77, 2958), (Start: 80 @2970 has 2 MA's), (86, 2994), (93, 3033), (97, 3063), (112, 3159), (114, 3168), (122, 3192), (139, 3291), (144, 3300),

Gene: AgentM_2 Start: 841, Stop: 1290, Start Num: 59

Candidate Starts for AgentM_2:

(10, 625), (13, 640), (14, 643), (16, 658), (17, 664), (19, 688), (47, 811), (Start: 59 @841 has 41 MA's), (Start: 80 @934 has 2 MA's), (82, 940), (86, 958), (95, 1009), (114, 1132), (122, 1156), (125, 1171),

Gene: Aglet_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Aglet_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: AgronaGT15_2 Start: 851, Stop: 1276, Start Num: 53

Candidate Starts for AgronaGT15_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Airmid_2 Start: 839, Stop: 1288, Start Num: 59

Candidate Starts for Airmid_2:

(2, 578), (10, 623), (13, 638), (16, 656), (28, 734), (47, 809), (Start: 59 @839 has 41 MA's), (82, 938), (95, 1007), (114, 1130), (122, 1154), (125, 1169),

Gene: Ajay_3 Start: 1128, Stop: 1562, Start Num: 58

Candidate Starts for Ajay_3:

(Start: 58 @1128 has 193 MA's), (Start: 80 @1221 has 2 MA's), (115, 1395), (122, 1416), (132, 1470), (136, 1506), (140, 1515),

Gene: Alatin_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Alatin_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Albee_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Albee_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (144, 1193), (146, 1208),

Gene: Alberto7_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Alberto7_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Aliter_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Aliter_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Alma_5 Start: 2667, Stop: 3140, Start Num: 57

Candidate Starts for Alma_5:

(16, 2481), (28, 2559), (Start: 57 @2667 has 69 MA's), (70, 2724), (84, 2781), (93, 2829), (97, 2859), (114, 2964), (122, 2988), (135, 3078), (139, 3087), (144, 3096),

Gene: Alpacados_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Alpacados_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Alsaber_6 Start: 2072, Stop: 2500, Start Num: 64

Candidate Starts for Alsaber_6:

(Start: 52 @2063 has 25 MA's), (Start: 64 @2072 has 48 MA's), (Start: 80 @2162 has 2 MA's), (84, 2177), (115, 2342), (126, 2381), (137, 2453), (138, 2456),

Gene: Alsfro_4 Start: 1268, Stop: 1702, Start Num: 58

Candidate Starts for Alsfro_4:

(Start: 58 @1268 has 193 MA's), (Start: 80 @1361 has 2 MA's), (115, 1535), (122, 1556), (132, 1610), (136, 1646), (140, 1655),

Gene: Altman_4 Start: 1628, Stop: 2062, Start Num: 58

Candidate Starts for Altman_4:

(Start: 58 @1628 has 193 MA's), (Start: 80 @1721 has 2 MA's), (115, 1895), (122, 1916), (132, 1970), (136, 2006), (140, 2015),

Gene: Alvin_4 Start: 1544, Stop: 1978, Start Num: 58

Candidate Starts for Alvin_4:

(Start: 58 @1544 has 193 MA's), (Start: 65 @1556 has 6 MA's), (Start: 80 @1637 has 2 MA's), (115, 1811), (122, 1832), (132, 1886), (136, 1922), (140, 1931),

Gene: Alvy_7 Start: 1993, Stop: 2328, Start Num: 80

Candidate Starts for Alvy_7:

(Start: 52 @1897 has 25 MA's), (Start: 80 @1993 has 2 MA's), (83, 2002), (102, 2125), (115, 2173), (126, 2212), (130, 2236), (148, 2320),

Gene: Amela_5 Start: 2131, Stop: 2559, Start Num: 63

Candidate Starts for Amela_5:

(Start: 63 @2131 has 29 MA's), (76, 2206), (Start: 80 @2221 has 2 MA's), (115, 2401), (137, 2512), (138, 2515),

Gene: Amethyst_5 Start: 1696, Stop: 2130, Start Num: 52

Candidate Starts for Amethyst_5:

(Start: 52 @1696 has 25 MA's), (Start: 80 @1792 has 2 MA's), (115, 1972), (126, 2011), (130, 2035),

Gene: Amyev_1 Start: 84, Stop: 536, Start Num: 61

Candidate Starts for Amyev_1:

(34, 12), (48, 54), (Start: 61 @84 has 1 MA's), (134, 471), (147, 510),

Gene: Anaysia_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Anaysia_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Andris_5 Start: 1727, Stop: 2158, Start Num: 52

Candidate Starts for Andris_5:

(Start: 52 @1727 has 25 MA's), (Start: 80 @1823 has 2 MA's), (83, 1832), (102, 1955), (115, 2003), (126, 2042), (130, 2066), (148, 2150),

Gene: Aneem_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Aneem_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Anglerfish_3 Start: 1078, Stop: 1518, Start Num: 58

Candidate Starts for Anglerfish_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1177 has 2 MA's), (115, 1351), (122, 1372), (132, 1426), (136, 1462), (140, 1471),

Gene: AngryOrchard_3 Start: 1010, Stop: 1432, Start Num: 60

Candidate Starts for AngryOrchard_3:

(46, 980), (Start: 60 @1010 has 266 MA's), (84, 1121), (90, 1145), (93, 1157), (119, 1292), (135, 1382), (144, 1400), (146, 1415),

Gene: Animus_6 Start: 2074, Stop: 2505, Start Num: 52

Candidate Starts for Animus_6:

(Start: 52 @2074 has 25 MA's), (Start: 80 @2170 has 2 MA's), (83, 2179), (102, 2302), (115, 2350), (126, 2389), (130, 2413), (148, 2497),

Gene: AnnaL29_5 Start: 2613, Stop: 3083, Start Num: 62

Candidate Starts for AnnaL29_5:

(8, 2382), (23, 2475), (Start: 62 @2613 has 187 MA's), (77, 2697), (Start: 80 @2709 has 2 MA's), (93, 2772), (97, 2802), (100, 2841), (103, 2853), (112, 2898), (114, 2907), (122, 2931), (139, 3030), (144, 3039),

Gene: Annyong_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Annyong_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Anon_5 Start: 2514, Stop: 2975, Start Num: 55

Candidate Starts for Anon_5:

(Start: 52 @2508 has 25 MA's), (Start: 55 @2514 has 1 MA's), (Start: 75 @2595 has 3 MA's), (84, 2628), (114, 2811), (123, 2838), (135, 2925),

Gene: Anselm_6 Start: 3009, Stop: 3479, Start Num: 62

Candidate Starts for Anselm_6:

(8, 2778), (23, 2871), (Start: 62 @3009 has 187 MA's), (77, 3093), (Start: 80 @3105 has 2 MA's), (86, 3129), (93, 3168), (97, 3198), (105, 3264), (112, 3294), (114, 3303), (122, 3327), (137, 3420), (139, 3426), (144, 3435),

Gene: Anthony_2 Start: 738, Stop: 1157, Start Num: 60

Candidate Starts for Anthony_2:

(Start: 60 @738 has 266 MA's), (71, 801), (95, 897), (119, 1020), (125, 1044), (130, 1071), (144, 1128),

Gene: Anubis_4 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Anubis_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: AppleCloud_2 Start: 810, Stop: 1232, Start Num: 60

Candidate Starts for AppleCloud_2:

(Start: 60 @810 has 266 MA's), (84, 921), (90, 945), (93, 957), (119, 1092), (135, 1182), (144, 1200), (146, 1215),

Gene: Applejack_3 Start: 1129, Stop: 1569, Start Num: 58

Candidate Starts for Applejack_3:

(Start: 58 @1129 has 193 MA's), (Start: 80 @1228 has 2 MA's), (115, 1402), (122, 1423), (132, 1477), (136, 1513), (140, 1522),

Gene: Aragog_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Aragog_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Arcanine_3 Start: 1081, Stop: 1521, Start Num: 58

Candidate Starts for Arcanine_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1180 has 2 MA's), (115, 1354), (122, 1375), (132, 1429), (136, 1465), (140, 1474),

Gene: ArcherNM_5 Start: 2626, Stop: 3096, Start Num: 62

Candidate Starts for ArcherNM_5:

(Start: 52 @2620 has 25 MA's), (Start: 62 @2626 has 187 MA's), (77, 2710), (86, 2746), (93, 2785), (97, 2815), (112, 2911), (114, 2920), (122, 2944), (137, 3037), (139, 3043), (144, 3052),

Gene: Archetta_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Archetta_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Arianna_2 Start: 799, Stop: 1230, Start Num: 64

Candidate Starts for Arianna_2:

(Start: 64 @799 has 48 MA's), (83, 895), (106, 1039), (115, 1069), (116, 1072), (118, 1078), (125, 1105), (146, 1216),

Gene: Arissanae_5 Start: 2454, Stop: 2927, Start Num: 57

Candidate Starts for Arissanae_5:

(Start: 57 @2454 has 69 MA's), (Start: 80 @2553 has 2 MA's), (93, 2616), (112, 2742), (114, 2751), (122, 2775), (139, 2874),

Gene: Arlo_3 Start: 1078, Stop: 1518, Start Num: 58

Candidate Starts for Arlo_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1177 has 2 MA's), (115, 1351), (122, 1372), (132, 1426), (136, 1462), (140, 1471),

Gene: Artemis2UCLA_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Artemis2UCLA_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Arturo_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Arturo_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Ascela_1 Start: 85, Stop: 537, Start Num: 62

Candidate Starts for Ascela_1:

(Start: 62 @85 has 187 MA's), (134, 472), (142, 490), (147, 511),

Gene: Ashballer_2 Start: 929, Stop: 1363, Start Num: 58

Candidate Starts for Ashballer_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1022 has 2 MA's), (115, 1196), (122, 1217), (132, 1271), (136, 1307), (140, 1316),

Gene: Asten_5 Start: 1930, Stop: 2355, Start Num: 63

Candidate Starts for Asten_5:

(Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: Astro_2 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for Astro_2:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (114, 1104),

Gene: Atkinbua_3 Start: 1125, Stop: 1565, Start Num: 58

Candidate Starts for Atkinbua_3:

(Start: 58 @1125 has 193 MA's), (Start: 80 @1224 has 2 MA's), (114, 1395), (115, 1398), (119, 1410), (122, 1419), (132, 1473), (136, 1509), (140, 1518),

Gene: Attoomi_2 Start: 459, Stop: 884, Start Num: 64

Candidate Starts for Attoomi_2:

(Start: 64 @459 has 48 MA's), (Start: 65 @471 has 6 MA's), (73, 525), (74, 528), (99, 666), (100, 672), (104, 684), (115, 723), (120, 738), (123, 747), (131, 792), (137, 843), (142, 852),

Gene: AugsMagnumOpus_4 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for AugsMagnumOpus_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: AvatarAhPeg_2 Start: 800, Stop: 1228, Start Num: 60

Candidate Starts for AvatarAhPeg_2:

(Start: 60 @800 has 266 MA's), (77, 884), (Start: 80 @896 has 2 MA's), (93, 947), (100, 1016), (122, 1091), (123, 1094), (126, 1109), (130, 1133), (135, 1172), (139, 1181), (144, 1190), (146, 1205),

Gene: Avle17_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Avle17_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: B1_01 Start: 758, Stop: 1186, Start Num: 60

Candidate Starts for B1_01:

(Start: 60 @758 has 266 MA's), (71, 821), (Start: 75 @836 has 3 MA's), (111, 1016), (115, 1028), (122, 1049), (130, 1091), (135, 1130), (144, 1148),

Gene: BABullseye_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for BABullseye_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: BK1_02 Start: 1099, Stop: 1539, Start Num: 58

Candidate Starts for BK1_02:

(Start: 58 @1099 has 193 MA's), (Start: 80 @1198 has 2 MA's), (115, 1372), (122, 1393), (132, 1447), (136, 1483), (140, 1492),

Gene: BPBiabs31_3 Start: 1163, Stop: 1597, Start Num: 58

Candidate Starts for BPBiabs31_3:

(Start: 58 @1163 has 193 MA's), (Start: 80 @1256 has 2 MA's), (115, 1430), (122, 1451), (132, 1505), (136, 1541), (140, 1550),

Gene: Baby16_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Baby16_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: BabyBack_4 Start: 2435, Stop: 2908, Start Num: 62

Candidate Starts for BabyBack_4:

(Start: 62 @2435 has 187 MA's), (77, 2519), (86, 2555), (93, 2594), (97, 2624), (100, 2663), (103, 2675), (112, 2720), (114, 2729), (122, 2753), (126, 2771), (144, 2864),

Gene: BabyRay_2 Start: 797, Stop: 1225, Start Num: 60

Candidate Starts for BabyRay_2:

(Start: 60 @797 has 266 MA's), (Start: 75 @875 has 3 MA's), (111, 1055), (119, 1079), (122, 1088), (130, 1130), (135, 1169), (144, 1187),

Gene: Bachome_5 Start: 2686, Stop: 3150, Start Num: 62

Candidate Starts for Bachome_5:

(Start: 62 @2686 has 187 MA's), (77, 2770), (Start: 80 @2782 has 2 MA's), (114, 2980), (122, 3004), (139, 3103), (144, 3112),

Gene: Backyardigan_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Backyardigan_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: BaconJack_3 Start: 1081, Stop: 1515, Start Num: 58

Candidate Starts for BaconJack_3:

(Start: 58 @1081 has 193 MA's), (Start: 65 @1093 has 6 MA's), (Start: 80 @1174 has 2 MA's), (115, 1348), (122, 1369), (132, 1423), (136, 1459), (140, 1468),

Gene: Bactobuster_5 Start: 2445, Stop: 2915, Start Num: 57

Candidate Starts for Bactobuster_5:

(Start: 57 @2445 has 69 MA's), (76, 2529), (81, 2547), (84, 2559), (93, 2607), (108, 2721), (114, 2742), (122, 2766), (144, 2874),

Gene: Badger_2 Start: 808, Stop: 1236, Start Num: 60

Candidate Starts for Badger_2:

(Start: 60 @808 has 266 MA's), (77, 892), (Start: 80 @904 has 2 MA's), (93, 955), (100, 1024), (122, 1099), (123, 1102), (126, 1117), (130, 1141), (139, 1189), (144, 1198), (146, 1213),

Gene: Baehexic_6 Start: 2960, Stop: 3430, Start Num: 62

Candidate Starts for Baehexic_6:

(Start: 62 @2960 has 187 MA's), (77, 3044), (Start: 80 @3056 has 2 MA's), (86, 3080), (93, 3119), (97, 3149), (112, 3245), (114, 3254), (122, 3278), (139, 3377), (144, 3386),

Gene: BangNhom_1 Start: 800, Stop: 1231, Start Num: 60

Candidate Starts for BangNhom_1:

(Start: 60 @800 has 266 MA's), (Start: 80 @896 has 2 MA's), (93, 947), (100, 1016), (122, 1091), (123, 1094), (126, 1109), (130, 1133), (144, 1190), (146, 1205),

Gene: Barnstormer_1 Start: 114, Stop: 596, Start Num: 64

Candidate Starts for Barnstormer_1:

(Start: 60 @108 has 266 MA's), (Start: 64 @114 has 48 MA's), (105, 363), (129, 447), (137, 504), (143, 519),

Gene: Barriga_3 Start: 1080, Stop: 1520, Start Num: 58

Candidate Starts for Barriga_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1179 has 2 MA's), (115, 1353), (122, 1374), (132, 1428), (136, 1464), (140, 1473),

Gene: BarryBee_7 Start: 1930, Stop: 2355, Start Num: 63

Candidate Starts for BarryBee_7:

(21, 1780), (Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: BartholomewSD_7 Start: 1897, Stop: 2328, Start Num: 52

Candidate Starts for BartholomewSD_7:

(Start: 52 @1897 has 25 MA's), (Start: 80 @1993 has 2 MA's), (83, 2002), (102, 2125), (115, 2173), (126, 2212), (130, 2236), (148, 2320),

Gene: Bartimeaus_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Bartimeaus_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Battleship_6 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for Battleship_6:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: BeardedLady_6 Start: 2203, Stop: 2628, Start Num: 64

Candidate Starts for BeardedLady_6:

(Start: 52 @2194 has 25 MA's), (Start: 64 @2203 has 48 MA's), (79, 2290), (Start: 80 @2293 has 2 MA's), (115, 2473),

Gene: Beatrix_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Beatrix_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: Beauxregard13_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Beauxregard13_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Beemo_5 Start: 2670, Stop: 3143, Start Num: 57

Candidate Starts for Beemo_5:

(16, 2484), (28, 2562), (Start: 57 @2670 has 69 MA's), (70, 2727), (84, 2784), (93, 2832), (97, 2862), (114, 2967), (122, 2991), (139, 3090), (144, 3099),

Gene: BeesKnees_3 Start: 1082, Stop: 1516, Start Num: 58

Candidate Starts for BeesKnees_3:

(Start: 58 @1082 has 193 MA's), (Start: 80 @1175 has 2 MA's), (115, 1349), (122, 1370), (132, 1424), (136, 1460), (140, 1469),

Gene: Belenaria_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Belenaria_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: BellusTerra_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for BellusTerra_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Benedict_2 Start: 841, Stop: 1290, Start Num: 59

Candidate Starts for Benedict_2:

(Start: 59 @841 has 41 MA's), (82, 940), (95, 1009), (114, 1132), (122, 1156), (125, 1171),

Gene: BengiVuitton_5 Start: 2660, Stop: 3130, Start Num: 62

Candidate Starts for BengiVuitton_5:

(8, 2429), (23, 2522), (Start: 62 @2660 has 187 MA's), (77, 2744), (86, 2780), (93, 2819), (97, 2849), (112, 2945), (114, 2954), (122, 2978), (137, 3071), (139, 3077), (144, 3086),

Gene: Benvolio_6 Start: 3007, Stop: 3477, Start Num: 62

Candidate Starts for Benvolio_6:

(8, 2776), (23, 2869), (Start: 62 @3007 has 187 MA's), (77, 3091), (86, 3127), (93, 3166), (97, 3196), (112, 3292), (114, 3301), (122, 3325), (137, 3418), (139, 3424), (144, 3433),

Gene: Berrie_1 Start: 83, Stop: 535, Start Num: 62

Candidate Starts for Berrie_1:

(Start: 62 @83 has 187 MA's), (134, 470), (142, 488), (147, 509),

Gene: Bethlehem_3 Start: 1079, Stop: 1513, Start Num: 58

Candidate Starts for Bethlehem_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1172 has 2 MA's), (115, 1346), (122, 1367), (132, 1421), (136, 1457), (140, 1466),

Gene: Bexan_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Bexan_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: BiancaTri92_5 Start: 2652, Stop: 3125, Start Num: 57

Candidate Starts for BiancaTri92_5:

(Start: 57 @2652 has 69 MA's), (77, 2739), (86, 2775), (93, 2814), (112, 2940), (114, 2949), (122, 2973), (137, 3066), (139, 3072), (144, 3081),

Gene: Big3_3 Start: 1094, Stop: 1534, Start Num: 58

Candidate Starts for Big3_3:

(40, 1055), (Start: 58 @1094 has 193 MA's), (Start: 80 @1193 has 2 MA's), (115, 1367), (122, 1388), (132, 1442), (136, 1478), (140, 1487),

Gene: BigMau_4 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for BigMau_4:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: BigPaolini_4 Start: 1637, Stop: 2077, Start Num: 58

Candidate Starts for BigPaolini_4:

(15, 1448), (27, 1526), (37, 1583), (38, 1586), (Start: 58 @1637 has 193 MA's), (Start: 80 @1736 has 2 MA's), (115, 1910), (122, 1931), (132, 1985), (136, 2021), (140, 2030),

Gene: Bigfoot_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Bigfoot_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: BillKnuckles_3 Start: 1080, Stop: 1520, Start Num: 58

Candidate Starts for BillKnuckles_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1179 has 2 MA's), (114, 1350), (115, 1353), (119, 1365), (122, 1374), (132, 1428), (136, 1464), (140, 1473),

Gene: Bircsak_3 Start: 1166, Stop: 1606, Start Num: 58

Candidate Starts for Bircsak_3:

(Start: 58 @1166 has 193 MA's), (Start: 80 @1265 has 2 MA's), (115, 1439), (122, 1460), (132, 1514), (136, 1550), (140, 1559),

Gene: Blackmoor_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Blackmoor_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Blinn1_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Blinn1_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: BluSpix_2 Start: 928, Stop: 1362, Start Num: 58

Candidate Starts for BluSpix_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1021 has 2 MA's), (114, 1192), (115, 1195), (119, 1207), (122, 1216), (132, 1270), (136, 1306), (140, 1315),

Gene: Blue_4 Start: 1563, Stop: 1997, Start Num: 58

Candidate Starts for Blue_4:

(Start: 58 @1563 has 193 MA's), (Start: 80 @1656 has 2 MA's), (115, 1830), (122, 1851), (132, 1905), (136, 1941), (140, 1950),

Gene: Blue7_5 Start: 2471, Stop: 2941, Start Num: 62

Candidate Starts for Blue7_5:

(Start: 62 @2471 has 187 MA's), (77, 2558), (93, 2633), (97, 2663), (108, 2747), (114, 2768), (122, 2792), (126, 2810),

Gene: BlueBird_2 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for BlueBird_2:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: Bluefalcon_1 Start: 838, Stop: 1287, Start Num: 59

Candidate Starts for Bluefalcon_1:

(10, 622), (13, 637), (16, 655), (19, 685), (47, 808), (Start: 59 @838 has 41 MA's), (Start: 80 @931 has 2 MA's), (82, 937), (86, 955), (95, 1006), (114, 1129), (122, 1153), (125, 1168),

Gene: Bob3_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for Bob3_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: BobSwaget_6 Start: 2871, Stop: 3341, Start Num: 62

Candidate Starts for BobSwaget_6:

(Start: 52 @2865 has 25 MA's), (Start: 62 @2871 has 187 MA's), (Start: 80 @2967 has 2 MA's), (86, 2991), (93, 3030), (114, 3165), (122, 3189), (137, 3282), (139, 3288), (144, 3297),

Gene: BobbyDazzler_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for BobbyDazzler_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: BogosyJay_5 Start: 2435, Stop: 2908, Start Num: 57

Candidate Starts for BogosyJay_5:

(Start: 57 @2435 has 69 MA's), (Start: 80 @2534 has 2 MA's), (93, 2597), (112, 2723), (114, 2732), (122, 2756), (139, 2855),

Gene: Bombshell_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Bombshell_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Bonamassa_2 Start: 872, Stop: 1321, Start Num: 59

Candidate Starts for Bonamassa_2:

(10, 656), (13, 671), (14, 674), (16, 689), (17, 695), (19, 719), (47, 842), (Start: 59 @872 has 41 MA's), (Start: 80 @965 has 2 MA's), (82, 971), (86, 989), (95, 1040), (114, 1163), (122, 1187), (125, 1202),

Gene: Bonanza_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Bonanza_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Bones_3 Start: 1130, Stop: 1564, Start Num: 58

Candidate Starts for Bones_3:

(Start: 58 @1130 has 193 MA's), (Start: 80 @1223 has 2 MA's), (115, 1397), (122, 1418), (132, 1472), (136, 1508), (140, 1517),

Gene: Boohoo_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Boohoo_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Bovely_5 Start: 1962, Stop: 2387, Start Num: 64

Candidate Starts for Bovely_5:

(7, 1722), (Start: 52 @1953 has 25 MA's), (Start: 64 @1962 has 48 MA's), (79, 2049), (Start: 80 @2052 has 2 MA's), (102, 2184), (115, 2232),

Gene: Bowden_6 Start: 1799, Stop: 2230, Start Num: 52

Candidate Starts for Bowden_6:

(Start: 52 @1799 has 25 MA's), (Start: 80 @1895 has 2 MA's), (83, 1904), (102, 2027), (115, 2075), (126, 2114), (130, 2138), (148, 2222),

Gene: Bowtie_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Bowtie_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Bradshaw_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Bradshaw_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Brataylor_6 Start: 1933, Stop: 2358, Start Num: 64

Candidate Starts for Brataylor_6:

(Start: 52 @1924 has 25 MA's), (Start: 64 @1933 has 48 MA's), (Start: 80 @2023 has 2 MA's), (95, 2092), (115, 2203),

Gene: BreSam8_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for BreSam8_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Briton15_3 Start: 1079, Stop: 1513, Start Num: 58

Candidate Starts for Briton15_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1172 has 2 MA's), (115, 1346), (122, 1367), (132, 1421), (136, 1457), (140, 1466),

Gene: BroPlease_5 Start: 1941, Stop: 2375, Start Num: 52

Candidate Starts for BroPlease_5:

(Start: 52 @1941 has 25 MA's), (76, 2022), (Start: 80 @2037 has 2 MA's), (104, 2178), (115, 2217), (130, 2280),

Gene: Broseidon_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Broseidon_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Bruiser_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Bruiser_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Bruns_2 Start: 927, Stop: 1361, Start Num: 58

Candidate Starts for Bruns_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1020 has 2 MA's), (115, 1194), (122, 1215), (132, 1269), (136, 1305), (140, 1314),

Gene: BryanRecycles_6 Start: 2116, Stop: 2541, Start Num: 63

Candidate Starts for BryanRecycles_6:

(32, 2032), (43, 2080), (Start: 63 @2116 has 29 MA's), (79, 2203), (Start: 80 @2206 has 2 MA's), (115, 2386),

Gene: Bryce_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Bryce_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: BubbleTrouble_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for BubbleTrouble_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Bud_5 Start: 2695, Stop: 3159, Start Num: 62

Candidate Starts for Bud_5:

(Start: 62 @2695 has 187 MA's), (77, 2779), (Start: 80 @2791 has 2 MA's), (114, 2989), (122, 3013), (139, 3112), (144, 3121),

Gene: Bugatti_1 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for Bugatti_1:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: Buggy_6 Start: 2885, Stop: 3355, Start Num: 62

Candidate Starts for Buggy_6:

(Start: 62 @2885 has 187 MA's), (77, 2969), (Start: 80 @2981 has 2 MA's), (86, 3005), (93, 3044), (97, 3074), (112, 3170), (114, 3179), (122, 3203), (139, 3302), (144, 3311),

Gene: Bumblebee11_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Bumblebee11_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Burger_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Burger_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Burton_3 Start: 1081, Stop: 1521, Start Num: 58

Candidate Starts for Burton_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1180 has 2 MA's), (115, 1354), (122, 1375), (132, 1429), (136, 1465), (140, 1474),

Gene: Buttons_3 Start: 1079, Stop: 1513, Start Num: 58

Candidate Starts for Buttons_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1172 has 2 MA's), (115, 1346), (122, 1367), (132, 1421), (136, 1457), (140, 1466),

Gene: BuzzBuzz_1 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for BuzzBuzz_1:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Bxb1_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Bxb1_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: Bxz2_2 Start: 861, Stop: 1286, Start Num: 53

Candidate Starts for Bxz2_2:

(Start: 53 @861 has 20 MA's), (Start: 60 @867 has 266 MA's), (Start: 65 @885 has 6 MA's), (71, 930), (Start: 80 @963 has 2 MA's), (122, 1158), (139, 1248),

Gene: C3_05 Start: 2676, Stop: 3143, Start Num: 62

Candidate Starts for C3_05:

(Start: 52 @2670 has 25 MA's), (Start: 62 @2676 has 187 MA's), (77, 2760), (Start: 80 @2772 has 2 MA's), (91, 2826), (93, 2835), (114, 2970), (122, 2994), (130, 3036), (135, 3084), (144, 3102),

Gene: CRB1_5 Start: 2808, Stop: 3278, Start Num: 62

Candidate Starts for CRB1_5:

(8, 2577), (23, 2670), (Start: 62 @2808 has 187 MA's), (77, 2892), (Start: 80 @2904 has 2 MA's), (86, 2928), (93, 2967), (97, 2997), (112, 3093), (114, 3102), (122, 3126), (139, 3225), (144, 3234),

Gene: CactusRose_2 Start: 929, Stop: 1369, Start Num: 58

Candidate Starts for CactusRose_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (115, 1202), (122, 1223), (132, 1277), (136, 1313), (140, 1322),

Gene: Caelakin_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Caelakin_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Caelum_6 Start: 1647, Stop: 2081, Start Num: 52

Candidate Starts for Caelum_6:

(Start: 52 @1647 has 25 MA's), (Start: 80 @1743 has 2 MA's), (115, 1923), (126, 1962), (130, 1986),

Gene: Caliburn_5 Start: 1936, Stop: 2361, Start Num: 64

Candidate Starts for Caliburn_5:

(Start: 52 @1927 has 25 MA's), (Start: 64 @1936 has 48 MA's), (79, 2023), (Start: 80 @2026 has 2 MA's), (115, 2206),

Gene: Camperdownii_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Camperdownii_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Candra_5 Start: 2515, Stop: 2985, Start Num: 62

Candidate Starts for Candra_5:

(Start: 62 @2515 has 187 MA's), (77, 2602), (Start: 80 @2614 has 2 MA's), (93, 2677), (97, 2707), (100, 2746), (103, 2758), (114, 2812), (122, 2836), (144, 2947),

Gene: Caraxes_5 Start: 2488, Stop: 2952, Start Num: 62

Candidate Starts for Caraxes_5:

(Start: 62 @2488 has 187 MA's), (77, 2572), (Start: 80 @2584 has 2 MA's), (86, 2608), (93, 2647), (114, 2782), (122, 2806), (123, 2809), (135, 2899), (139, 2908), (144, 2917),

Gene: Carlyle_4 Start: 1310, Stop: 1750, Start Num: 58

Candidate Starts for Carlyle_4:

(Start: 58 @1310 has 193 MA's), (Start: 80 @1409 has 2 MA's), (115, 1583), (122, 1604), (132, 1658), (136, 1694), (140, 1703),

Gene: Caron_1 Start: 114, Stop: 593, Start Num: 64

Candidate Starts for Caron_1:

(Start: 60 @108 has 266 MA's), (Start: 64 @114 has 48 MA's), (Start: 66 @135 has 1 MA's), (73, 183), (105, 363), (129, 447), (143, 516),

Gene: Cassia_1 Start: 86, Stop: 550, Start Num: 62

Candidate Starts for Cassia_1:

(Start: 62 @86 has 187 MA's), (99, 305), (142, 503), (149, 533),

Gene: Catalina_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Catalina_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Caviar_2 Start: 862, Stop: 1212, Start Num: 75

Candidate Starts for Caviar_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Celery_7 Start: 2043, Stop: 2471, Start Num: 63

Candidate Starts for Celery_7:

(Start: 63 @2043 has 29 MA's), (76, 2118), (Start: 80 @2133 has 2 MA's), (115, 2313), (137, 2424), (138, 2427),

Gene: Celeste_5 Start: 1932, Stop: 2357, Start Num: 64

Candidate Starts for Celeste_5:

(Start: 52 @1923 has 25 MA's), (Start: 64 @1932 has 48 MA's), (Start: 80 @2022 has 2 MA's), (95, 2091), (115, 2202),

Gene: Celia_5 Start: 2204, Stop: 2638, Start Num: 57

Candidate Starts for Celia_5:

(Start: 57 @2204 has 69 MA's), (76, 2285), (84, 2315), (93, 2357), (110, 2465), (115, 2480), (137, 2591), (138, 2594),

Gene: Cen1621_1 Start: 100, Stop: 576, Start Num: 64

Candidate Starts for Cen1621_1:

(54, 88), (Start: 64 @100 has 48 MA's), (94, 250), (103, 322), (116, 361), (121, 376), (133, 457), (134, 472),

Gene: Centaur_6 Start: 2956, Stop: 3426, Start Num: 62

Candidate Starts for Centaur_6:

(Start: 62 @2956 has 187 MA's), (77, 3040), (Start: 80 @3052 has 2 MA's), (86, 3076), (93, 3115), (97, 3145), (112, 3241), (114, 3250), (122, 3274), (139, 3373), (144, 3382),

Gene: CentreCat_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for CentreCat_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Cerulean_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for Cerulean_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (144, 1191), (146, 1206),

Gene: Chadwick_2 Start: 838, Stop: 1287, Start Num: 59

Candidate Starts for Chadwick_2:

(2, 577), (10, 622), (13, 637), (16, 655), (28, 733), (47, 808), (Start: 59 @838 has 41 MA's), (82, 937), (95, 1006), (104, 1078), (114, 1129), (122, 1153), (125, 1168),

Gene: ChampagnePapi_2 Start: 800, Stop: 1231, Start Num: 60

Candidate Starts for ChampagnePapi_2:

(Start: 60 @800 has 266 MA's), (Start: 80 @896 has 2 MA's), (93, 947), (100, 1016), (122, 1091), (123, 1094), (126, 1109), (130, 1133), (144, 1190), (146, 1205),

Gene: Chanagan_3 Start: 1080, Stop: 1520, Start Num: 58

Candidate Starts for Chanagan_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1179 has 2 MA's), (115, 1353), (122, 1374), (132, 1428), (136, 1464), (140, 1473),

Gene: Changeling_5 Start: 2625, Stop: 3095, Start Num: 62

Candidate Starts for Changeling_5:

(8, 2397), (23, 2490), (Start: 52 @2619 has 25 MA's), (Start: 62 @2625 has 187 MA's), (77, 2709), (84, 2736), (86, 2745), (93, 2784), (97, 2814), (112, 2910), (114, 2919), (122, 2943), (137, 3036), (139, 3042), (144, 3051),

Gene: Chaph_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Chaph_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Chargerpower_6 Start: 2779, Stop: 3252, Start Num: 57

Candidate Starts for Chargerpower_6:

(17, 2605), (19, 2629), (Start: 57 @2779 has 69 MA's), (81, 2881), (90, 2929), (93, 2941), (114, 3076), (122, 3100),

Gene: Charm_5 Start: 2435, Stop: 2905, Start Num: 57

Candidate Starts for Charm_5:

(Start: 57 @2435 has 69 MA's), (93, 2594), (112, 2720), (114, 2729), (122, 2753), (124, 2765), (139, 2852), (144, 2861),

Gene: Chartreuse_5 Start: 2483, Stop: 2953, Start Num: 62

Candidate Starts for Chartreuse_5:

(Start: 62 @2483 has 187 MA's), (77, 2570), (Start: 80 @2582 has 2 MA's), (93, 2645), (97, 2675), (100, 2714), (103, 2726), (114, 2780), (122, 2804), (144, 2915),

Gene: Che12_5 Start: 2448, Stop: 2912, Start Num: 62

Candidate Starts for Che12_5:

(Start: 62 @2448 has 187 MA's), (Start: 65 @2466 has 6 MA's), (77, 2532), (Start: 80 @2544 has 2 MA's), (86, 2568), (93, 2607), (114, 2742), (122, 2766), (123, 2769), (135, 2859), (139, 2868), (144, 2877),

Gene: ChipMunk_6 Start: 2895, Stop: 3365, Start Num: 62

Candidate Starts for ChipMunk_6:

(Start: 62 @2895 has 187 MA's), (77, 2979), (86, 3015), (93, 3054), (97, 3084), (112, 3180), (114, 3189), (122, 3213), (139, 3312), (144, 3321),

Gene: Chucky_5 Start: 1931, Stop: 2356, Start Num: 63

Candidate Starts for Chucky_5:

(21, 1781), (Start: 63 @1931 has 29 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Chupacabra_2 Start: 790, Stop: 1224, Start Num: 57

Candidate Starts for Chupacabra_2:

(Start: 57 @790 has 69 MA's), (Start: 60 @793 has 266 MA's), (76, 874), (91, 931), (115, 1063), (119, 1075), (122, 1084), (139, 1174), (144, 1183),

Gene: Ciao_3 Start: 1063, Stop: 1503, Start Num: 58

Candidate Starts for Ciao_3:

(Start: 58 @1063 has 193 MA's), (Start: 80 @1162 has 2 MA's), (115, 1336), (122, 1357), (132, 1411), (136, 1447), (140, 1456),

Gene: Cici_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Cici_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Cindaradix_2 Start: 803, Stop: 1231, Start Num: 60

Candidate Starts for Cindaradix_2:

(Start: 60 @803 has 266 MA's), (77, 887), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (139, 1184), (144, 1193), (146, 1208),

Gene: Cintron_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Cintron_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Citius_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Citius_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Clarenza_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Clarenza_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: CloudWang3_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for CloudWang3_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Cocoaberry_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Cocoaberry_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Colbster_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Colbster_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Colin_6 Start: 2774, Stop: 3244, Start Num: 62

Candidate Starts for Colin_6:

(3, 2519), (10, 2558), (16, 2591), (Start: 62 @2774 has 187 MA's), (77, 2858), (Start: 80 @2870 has 2 MA's), (86, 2894), (93, 2933), (97, 2963), (105, 3029), (112, 3059), (114, 3068), (122, 3092), (139, 3191), (144, 3200),

Gene: Colleen_2 Start: 799, Stop: 1230, Start Num: 64

Candidate Starts for Colleen_2:

(Start: 64 @799 has 48 MA's), (83, 895), (106, 1039), (115, 1069), (116, 1072), (118, 1078), (125, 1105), (146, 1216),

Gene: Commander_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Commander_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Community_2 Start: 1157, Stop: 1609, Start Num: 62

Candidate Starts for Community_2:

(29, 1052), (Start: 62 @1157 has 187 MA's), (134, 1544), (142, 1562), (147, 1583),

Gene: Conan_8 Start: 1782, Stop: 2210, Start Num: 63

Candidate Starts for Conan_8:

(Start: 63 @1782 has 29 MA's), (76, 1857), (79, 1869), (Start: 80 @1872 has 2 MA's), (83, 1881), (84, 1887), (115, 2052), (137, 2163), (138, 2166),

Gene: ConceptII_3 Start: 1166, Stop: 1600, Start Num: 58

Candidate Starts for ConceptII_3:

(Start: 58 @1166 has 193 MA's), (Start: 80 @1259 has 2 MA's), (115, 1433), (122, 1454), (132, 1508), (136, 1544), (140, 1553),

Gene: Connomayer_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Connomayer_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Conquerage_5 Start: 2666, Stop: 3139, Start Num: 57

Candidate Starts for Conquerage_5:

(16, 2480), (28, 2558), (Start: 57 @2666 has 69 MA's), (70, 2723), (84, 2780), (93, 2828), (97, 2858), (114, 2963), (122, 2987), (135, 3077), (139, 3086), (144, 3095),

Gene: Conspiracy_2 Start: 872, Stop: 1321, Start Num: 59

Candidate Starts for Conspiracy_2:

(10, 656), (13, 671), (14, 674), (16, 689), (17, 695), (19, 719), (47, 842), (Start: 59 @872 has 41 MA's), (Start: 80 @965 has 2 MA's), (82, 971), (86, 989), (95, 1040), (114, 1163), (122, 1187), (125, 1202),

Gene: Coog_2 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Coog_2:

(10, 624), (13, 639), (14, 642), (16, 657), (17, 663), (19, 687), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Cookie dough_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Cookie dough_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Corvo_3 Start: 1082, Stop: 1522, Start Num: 58

Candidate Starts for Corvo_3:

(Start: 58 @1082 has 193 MA's), (Start: 80 @1181 has 2 MA's), (115, 1355), (122, 1376), (132, 1430), (136, 1466), (140, 1475),

Gene: CosmicSans_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for CosmicSans_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Crewmate_1 Start: 85, Stop: 549, Start Num: 62

Candidate Starts for Crewmate_1:

(Start: 62 @85 has 187 MA's), (134, 484), (142, 502), (147, 523),

Gene: Crispicous1_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Crispicous1_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: Crucio_6 Start: 2904, Stop: 3374, Start Num: 62

Candidate Starts for Crucio_6:

(3, 2646), (10, 2685), (16, 2718), (Start: 62 @2904 has 187 MA's), (77, 2988), (Start: 80 @3000 has 2 MA's), (86, 3024), (93, 3063), (97, 3093), (112, 3189), (114, 3198), (122, 3222), (139, 3321), (144, 3330),

Gene: Cuco_2 Start: 870, Stop: 1319, Start Num: 59

Candidate Starts for Cuco_2:

(10, 654), (13, 669), (14, 672), (16, 687), (17, 693), (19, 717), (47, 840), (Start: 59 @870 has 41 MA's), (Start: 80 @963 has 2 MA's), (82, 969), (86, 987), (95, 1038), (114, 1161), (122, 1185), (125, 1200),

Gene: Cueyllyss_3 Start: 1130, Stop: 1564, Start Num: 58

Candidate Starts for Cueyllyss_3:

(Start: 58 @1130 has 193 MA's), (Start: 80 @1223 has 2 MA's), (115, 1397), (122, 1418), (132, 1472), (136, 1508), (140, 1517),

Gene: Cullens_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Cullens_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: D29_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for D29_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: D32_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for D32_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: DBQu4n_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for DBQu4n_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: DD5_3 Start: 1070, Stop: 1504, Start Num: 58

Candidate Starts for DD5_3:

(Start: 58 @1070 has 193 MA's), (Start: 80 @1163 has 2 MA's), (115, 1337), (122, 1358), (132, 1412), (136, 1448), (140, 1457),

Gene: DaHudson_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for DaHudson_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: DaVinci_5 Start: 2483, Stop: 2953, Start Num: 62

Candidate Starts for DaVinci_5:

(Start: 62 @2483 has 187 MA's), (77, 2570), (Start: 80 @2582 has 2 MA's), (93, 2645), (97, 2675), (100, 2714), (103, 2726), (114, 2780), (122, 2804), (144, 2915),

Gene: Daishi_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for Daishi_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Dalmatian_6 Start: 3006, Stop: 3476, Start Num: 62

Candidate Starts for Dalmatian_6:

(8, 2775), (23, 2868), (Start: 62 @3006 has 187 MA's), (77, 3090), (86, 3126), (93, 3165), (97, 3195), (112, 3291), (114, 3300), (122, 3324), (139, 3423), (144, 3432),

Gene: Danforth_1 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for Danforth_1:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (114, 1104),

Gene: Danzina_6 Start: 2130, Stop: 2555, Start Num: 63

Candidate Starts for Danzina_6:

(21, 1986), (Start: 63 @2130 has 29 MA's), (Start: 80 @2220 has 2 MA's), (95, 2289), (115, 2400),

Gene: Darrell_5 Start: 2550, Stop: 3023, Start Num: 57

Candidate Starts for Darrell_5:

(Start: 57 @2550 has 69 MA's), (93, 2712), (114, 2847), (122, 2871), (139, 2970),

Gene: DarthPhader_5 Start: 2582, Stop: 3058, Start Num: 57

Candidate Starts for DarthPhader_5:

(47, 2555), (Start: 57 @2582 has 69 MA's), (Start: 80 @2681 has 2 MA's), (81, 2684), (93, 2744), (97, 2774), (112, 2870), (114, 2879), (122, 2903), (125, 2918), (135, 2993), (144, 3011),

Gene: Dattran_6 Start: 1931, Stop: 2356, Start Num: 64

Candidate Starts for Dattran_6:

(Start: 52 @1922 has 25 MA's), (Start: 64 @1931 has 48 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Datway_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Datway_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Daudau_5 Start: 1704, Stop: 2135, Start Num: 52

Candidate Starts for Daudau_5:

(Start: 52 @1704 has 25 MA's), (79, 1797), (Start: 80 @1800 has 2 MA's), (102, 1932), (115, 1980), (126, 2019), (130, 2043),

Gene: Deano_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Deano_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: DekHockey33_5 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for DekHockey33_5:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (84, 2868), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: Deloris_5 Start: 2660, Stop: 3130, Start Num: 62

Candidate Starts for Deloris_5:

(8, 2429), (23, 2522), (Start: 62 @2660 has 187 MA's), (77, 2744), (86, 2780), (93, 2819), (97, 2849), (112, 2945), (114, 2954), (122, 2978), (137, 3071), (139, 3077), (144, 3086),

Gene: Dexers_4 Start: 1775, Stop: 2203, Start Num: 63

Candidate Starts for Dexers_4:

(Start: 63 @1775 has 29 MA's), (76, 1850), (79, 1862), (Start: 80 @1865 has 2 MA's), (83, 1874), (84, 1880), (115, 2045), (137, 2156), (138, 2159),

Gene: Dexes_4 Start: 1622, Stop: 2062, Start Num: 58

Candidate Starts for Dexes_4:

(15, 1433), (27, 1511), (37, 1568), (38, 1571), (Start: 58 @1622 has 193 MA's), (Start: 80 @1721 has 2 MA's), (115, 1895), (122, 1916), (132, 1970), (136, 2006), (140, 2015),

Gene: Dhanush_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for Dhanush_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (135, 1174), (144, 1192), (146, 1207),

Gene: Diane_5 Start: 1698, Stop: 2132, Start Num: 52

Candidate Starts for Diane_5:

(Start: 52 @1698 has 25 MA's), (Start: 80 @1794 has 2 MA's), (115, 1974), (126, 2013), (130, 2037),

Gene: Dieselweasel_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Dieselweasel_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Dignity_6 Start: 2883, Stop: 3353, Start Num: 62

Candidate Starts for Dignity_6:

(Start: 62 @2883 has 187 MA's), (77, 2967), (Start: 80 @2979 has 2 MA's), (86, 3003), (93, 3042), (97, 3072), (112, 3168), (114, 3177), (122, 3201), (139, 3300), (144, 3309),

Gene: Dinger_3 Start: 1012, Stop: 1434, Start Num: 60

Candidate Starts for Dinger_3:

(Start: 60 @1012 has 266 MA's), (84, 1123), (90, 1147), (93, 1159), (119, 1294), (135, 1384), (144, 1402), (146, 1417),

Gene: DirtyDunning_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for DirtyDunning_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (135, 1173), (144, 1191), (146, 1206),

Gene: Discoknowium_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Discoknowium_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Dixon_2 Start: 835, Stop: 1263, Start Num: 57

Candidate Starts for Dixon_2:

(Start: 57 @835 has 69 MA's), (95, 994), (102, 1057), (105, 1078), (114, 1105),

Gene: Doom_3 Start: 1128, Stop: 1568, Start Num: 58

Candidate Starts for Doom_3:

(Start: 58 @1128 has 193 MA's), (Start: 80 @1227 has 2 MA's), (115, 1401), (122, 1422), (132, 1476), (136, 1512), (140, 1521),

Gene: Dorothea_4 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Dorothea_4:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: DrFeelGood_2 Start: 927, Stop: 1367, Start Num: 58

Candidate Starts for DrFeelGood_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1026 has 2 MA's), (115, 1200), (122, 1221), (132, 1275), (136, 1311), (140, 1320),

Gene: DrSierra_1 Start: 87, Stop: 551, Start Num: 62

Candidate Starts for DrSierra_1:

(Start: 62 @87 has 187 MA's), (147, 525),

Gene: Drake55_6 Start: 2962, Stop: 3432, Start Num: 62

Candidate Starts for Drake55_6:

(Start: 62 @2962 has 187 MA's), (77, 3046), (Start: 80 @3058 has 2 MA's), (86, 3082), (93, 3121), (97, 3151), (112, 3247), (114, 3256), (122, 3280), (139, 3379), (144, 3388),

Gene: Drake94_2 Start: 805, Stop: 1236, Start Num: 60

Candidate Starts for Drake94_2:

(Start: 60 @805 has 266 MA's), (76, 886), (91, 943), (115, 1075), (119, 1087), (122, 1096), (139, 1186), (144, 1195),

Gene: DreamCatcher_4 Start: 1854, Stop: 2294, Start Num: 58

Candidate Starts for DreamCatcher_4:

(Start: 58 @1854 has 193 MA's), (Start: 80 @1953 has 2 MA's), (115, 2127), (122, 2148), (132, 2202), (136, 2238), (140, 2247),

Gene: DreamTeam1_5 Start: 2435, Stop: 2905, Start Num: 57

Candidate Starts for DreamTeam1_5:

(Start: 57 @2435 has 69 MA's), (93, 2594), (112, 2720), (114, 2729), (122, 2753), (124, 2765), (139, 2852), (144, 2861),

Gene: Dreamboat_4 Start: 1356, Stop: 1790, Start Num: 58

Candidate Starts for Dreamboat_4:

(Start: 58 @1356 has 193 MA's), (Start: 80 @1449 has 2 MA's), (115, 1623), (122, 1644), (132, 1698), (136, 1734), (140, 1743),

Gene: DroogsArmy_2 Start: 743, Stop: 1177, Start Num: 59

Candidate Starts for DroogsArmy_2:

(Start: 59 @743 has 41 MA's), (Start: 75 @821 has 3 MA's), (77, 827), (Start: 80 @842 has 2 MA's), (84, 857), (93, 893), (98, 953), (100, 962), (122, 1037), (126, 1055), (130, 1079), (144, 1136),

Gene: Druantia_2 Start: 804, Stop: 1235, Start Num: 60

Candidate Starts for Druantia_2:

(Start: 60 @804 has 266 MA's), (Start: 80 @900 has 2 MA's), (93, 951), (100, 1020), (122, 1095), (123, 1098), (126, 1113), (130, 1137), (135, 1176), (144, 1194), (146, 1209),

Gene: Dublin_1 Start: 839, Stop: 1288, Start Num: 59

Candidate Starts for Dublin_1:

(10, 623), (13, 638), (16, 656), (47, 809), (Start: 59 @839 has 41 MA's), (Start: 80 @932 has 2 MA's), (82, 938), (86, 956), (95, 1007), (114, 1130), (122, 1154), (125, 1169),

Gene: DudeLittle_6 Start: 3006, Stop: 3476, Start Num: 62

Candidate Starts for DudeLittle_6:

(8, 2775), (23, 2868), (Start: 62 @3006 has 187 MA's), (77, 3090), (86, 3126), (93, 3165), (97, 3195), (112, 3291), (114, 3300), (122, 3324), (139, 3423), (144, 3432),

Gene: Dulcie_2 Start: 927, Stop: 1361, Start Num: 58

Candidate Starts for Dulcie_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1020 has 2 MA's), (115, 1194), (122, 1215), (132, 1269), (136, 1305), (140, 1314),

Gene: Duplo_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for Duplo_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: Dussy_3 Start: 1089, Stop: 1523, Start Num: 58

Candidate Starts for Dussy_3:

(Start: 58 @1089 has 193 MA's), (Start: 80 @1182 has 2 MA's), (114, 1353), (115, 1356), (119, 1368), (122, 1377), (132, 1431), (136, 1467), (140, 1476),

Gene: Dwayne_5 Start: 1931, Stop: 2356, Start Num: 63

Candidate Starts for Dwayne_5:

(21, 1781), (Start: 63 @1931 has 29 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Dynamix_3 Start: 1078, Stop: 1518, Start Num: 58

Candidate Starts for Dynamix_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1177 has 2 MA's), (115, 1351), (122, 1372), (132, 1426), (136, 1462), (140, 1471),

Gene: ELB20_04 Start: 1845, Stop: 2180, Start Num: 80

Candidate Starts for ELB20_04:

(Start: 49 @1740 has 1 MA's), (Start: 52 @1749 has 25 MA's), (Start: 80 @1845 has 2 MA's), (101, 1974), (104, 1986), (115, 2025), (130, 2088), (145, 2163),

Gene: EZMoney23_5 Start: 2628, Stop: 3098, Start Num: 62

Candidate Starts for EZMoney23_5:

(Start: 52 @2622 has 25 MA's), (Start: 62 @2628 has 187 MA's), (77, 2712), (86, 2748), (93, 2787), (97, 2817), (112, 2913), (114, 2922), (122, 2946), (137, 3039), (139, 3045), (144, 3054),

Gene: Eagle_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Eagle_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: EagleEye_5 Start: 2452, Stop: 2928, Start Num: 57

Candidate Starts for EagleEye_5:

(Start: 57 @2452 has 69 MA's), (86, 2575), (114, 2749), (122, 2773), (125, 2788), (139, 2875), (144, 2884),

Gene: Eaglepride_2 Start: 803, Stop: 1237, Start Num: 57

Candidate Starts for Eaglepride_2:

(Start: 57 @803 has 69 MA's), (Start: 60 @806 has 266 MA's), (76, 887), (84, 917), (91, 944), (115, 1076), (119, 1088), (122, 1097), (139, 1187), (144, 1196),

Gene: Eapen_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Eapen_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Ebony_5 Start: 2695, Stop: 3159, Start Num: 62

Candidate Starts for Ebony_5:

(Start: 62 @2695 has 187 MA's), (77, 2779), (114, 2989), (122, 3013), (139, 3112), (144, 3121),

Gene: Echild_6 Start: 3007, Stop: 3477, Start Num: 62

Candidate Starts for Echild_6:

(8, 2776), (23, 2869), (Start: 62 @3007 has 187 MA's), (77, 3091), (86, 3127), (93, 3166), (97, 3196), (112, 3292), (114, 3301), (122, 3325), (137, 3418), (139, 3424), (144, 3433),

Gene: Eddasa_6 Start: 2116, Stop: 2541, Start Num: 63

Candidate Starts for Eddasa_6:

(32, 2032), (43, 2080), (Start: 63 @2116 has 29 MA's), (79, 2203), (Start: 80 @2206 has 2 MA's), (115, 2386),

Gene: Edison31_1 Start: 797, Stop: 1228, Start Num: 60

Candidate Starts for Edison31_1:

(Start: 57 @794 has 69 MA's), (Start: 60 @797 has 266 MA's), (76, 878), (Start: 80 @893 has 2 MA's), (84, 908), (91, 935), (115, 1067), (119, 1079), (122, 1088), (139, 1178), (144, 1187),

Gene: Edtherson_3 Start: 1081, Stop: 1521, Start Num: 58

Candidate Starts for Edtherson_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1180 has 2 MA's), (115, 1354), (122, 1375), (132, 1429), (136, 1465), (140, 1474),

Gene: Eidsmoe_5 Start: 2666, Stop: 3139, Start Num: 57

Candidate Starts for Eidsmoe_5:

(16, 2480), (28, 2558), (Start: 57 @2666 has 69 MA's), (70, 2723), (84, 2780), (93, 2828), (97, 2858), (114, 2963), (122, 2987), (135, 3077), (139, 3086), (144, 3095),

Gene: Ejemplo_5 Start: 1934, Stop: 2359, Start Num: 64

Candidate Starts for Ejemplo_5:

(Start: 49 @1916 has 1 MA's), (Start: 52 @1925 has 25 MA's), (Start: 64 @1934 has 48 MA's), (Start: 80 @2024 has 2 MA's), (115, 2204),

Gene: ElGato_7 Start: 1785, Stop: 2213, Start Num: 63

Candidate Starts for ElGato_7:

(Start: 63 @1785 has 29 MA's), (76, 1860), (115, 2055), (126, 2094), (137, 2166), (138, 2169),

Gene: ElTiger69_2 Start: 839, Stop: 1288, Start Num: 59

Candidate Starts for ElTiger69_2:

(16, 656), (28, 734), (47, 809), (Start: 59 @839 has 41 MA's), (82, 938), (95, 1007), (114, 1130), (122, 1154), (125, 1169),

Gene: Elephantoon_5 Start: 2428, Stop: 2901, Start Num: 57

Candidate Starts for Elephantoon_5:

(Start: 57 @2428 has 69 MA's), (Start: 80 @2527 has 2 MA's), (93, 2590), (112, 2716), (114, 2725), (122, 2749), (135, 2839), (139, 2848),

Gene: Emaanora_6 Start: 1930, Stop: 2355, Start Num: 63

Candidate Starts for Emaanora_6:

(21, 1780), (Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: EmyBug_3 Start: 2666, Stop: 3139, Start Num: 57

Candidate Starts for EmyBug_3:

(16, 2480), (28, 2558), (Start: 57 @2666 has 69 MA's), (70, 2723), (84, 2780), (93, 2828), (97, 2858), (114, 2963), (122, 2987), (139, 3086), (144, 3095),

Gene: EnochSoames_6 Start: 2112, Stop: 2537, Start Num: 63

Candidate Starts for EnochSoames_6:

(43, 2076), (Start: 63 @2112 has 29 MA's), (79, 2199), (Start: 80 @2202 has 2 MA's), (115, 2382),

Gene: EpicPhail_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for EpicPhail_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Epsocamisio_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Epsocamisio_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Equemioh13_6 Start: 2959, Stop: 3429, Start Num: 62

Candidate Starts for Equemioh13_6:

(Start: 62 @2959 has 187 MA's), (77, 3043), (Start: 80 @3055 has 2 MA's), (86, 3079), (93, 3118), (97, 3148), (112, 3244), (114, 3253), (122, 3277), (139, 3376), (144, 3385),

Gene: EricB_5 Start: 2483, Stop: 2953, Start Num: 62

Candidate Starts for EricB_5:

(Start: 62 @2483 has 187 MA's), (77, 2570), (Start: 80 @2582 has 2 MA's), (93, 2645), (97, 2675), (100, 2714), (103, 2726), (114, 2780), (122, 2804), (144, 2915),

Gene: Erik_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Erik_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Eris_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Eris_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Eros_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Eros_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Esperer_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Esperer_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: Espica_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Espica_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Espresso_3 Start: 1163, Stop: 1603, Start Num: 58

Candidate Starts for Espresso_3:

(Start: 58 @1163 has 193 MA's), (Start: 80 @1262 has 2 MA's), (115, 1436), (122, 1457), (132, 1511), (136, 1547), (140, 1556),

Gene: Et2Brutus_4 Start: 2692, Stop: 3156, Start Num: 62

Candidate Starts for Et2Brutus_4:

(Start: 62 @2692 has 187 MA's), (77, 2776), (114, 2986), (122, 3010), (139, 3109), (144, 3118),

Gene: Euphoria_3 Start: 1067, Stop: 1501, Start Num: 58

Candidate Starts for Euphoria_3:

(Start: 58 @1067 has 193 MA's), (Start: 65 @1079 has 6 MA's), (Start: 80 @1160 has 2 MA's), (115, 1334), (122, 1355), (132, 1409), (136, 1445), (140, 1454),

Gene: Eurydice_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Eurydice_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: EvilGenius_6 Start: 2894, Stop: 3364, Start Num: 62

Candidate Starts for EvilGenius_6:

(8, 2663), (23, 2756), (Start: 62 @2894 has 187 MA's), (77, 2978), (86, 3014), (93, 3053), (97, 3083), (112, 3179), (114, 3188), (122, 3212), (139, 3311), (144, 3320),

Gene: Exile_1 Start: 140, Stop: 571, Start Num: 62

Candidate Starts for Exile_1:

(37, 71), (Start: 62 @140 has 187 MA's), (147, 545), (149, 554),

Gene: Expelliarmus_1 Start: 835, Stop: 1263, Start Num: 57

Candidate Starts for Expelliarmus_1:

(Start: 57 @835 has 69 MA's), (95, 994), (102, 1057), (114, 1105),

Gene: ExplosioNervosa_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for ExplosioNervosa_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Eyeball_3 Start: 1131, Stop: 1571, Start Num: 58

Candidate Starts for Eyeball_3:

(Start: 58 @1131 has 193 MA's), (Start: 80 @1230 has 2 MA's), (115, 1404), (122, 1425), (132, 1479), (136, 1515), (140, 1524),

Gene: Fajezeel_4 Start: 1214, Stop: 1654, Start Num: 58

Candidate Starts for Fajezeel_4:

(Start: 58 @1214 has 193 MA's), (Start: 80 @1313 has 2 MA's), (115, 1487), (122, 1508), (132, 1562), (136, 1598), (140, 1607),

Gene: Fameo_6 Start: 3008, Stop: 3478, Start Num: 62

Candidate Starts for Fameo_6:

(3, 2750), (10, 2789), (16, 2822), (Start: 62 @3008 has 187 MA's), (77, 3092), (86, 3128), (93, 3167), (97, 3197), (104, 3251), (112, 3293), (114, 3302), (122, 3326), (139, 3425), (144, 3434),

Gene: Farber_2 Start: 875, Stop: 1276, Start Num: 65

Candidate Starts for Farber_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Fascinus_2 Start: 931, Stop: 1371, Start Num: 58

Candidate Starts for Fascinus_2:

(Start: 58 @931 has 193 MA's), (Start: 80 @1030 has 2 MA's), (115, 1204), (122, 1225), (132, 1279), (136, 1315), (140, 1324),

Gene: Fayely_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Fayely_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Fenn_2 Start: 937, Stop: 1371, Start Num: 58

Candidate Starts for Fenn_2:

(Start: 58 @937 has 193 MA's), (Start: 80 @1030 has 2 MA's), (114, 1201), (115, 1204), (119, 1216), (122, 1225), (132, 1279), (136, 1315), (140, 1324),

Gene: Fernando_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Fernando_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Fibonacci_5 Start: 2692, Stop: 3156, Start Num: 62

Candidate Starts for Fibonacci_5:

(Start: 62 @2692 has 187 MA's), (77, 2776), (114, 2986), (122, 3010), (139, 3109), (144, 3118),

Gene: FiringLine_6 Start: 2904, Stop: 3374, Start Num: 62

Candidate Starts for FiringLine_6:

(Start: 62 @2904 has 187 MA's), (77, 2988), (86, 3024), (93, 3063), (97, 3093), (112, 3189), (114, 3198), (122, 3222), (139, 3321), (144, 3330),

Gene: First_005 Start: 2818, Stop: 3288, Start Num: 62

Candidate Starts for First_005:

(Start: 62 @2818 has 187 MA's), (77, 2902), (86, 2938), (93, 2977), (97, 3007), (112, 3103), (114, 3112), (122, 3136), (139, 3235), (144, 3244),

Gene: Flare16_6 Start: 2959, Stop: 3429, Start Num: 62

Candidate Starts for Flare16_6:

(Start: 62 @2959 has 187 MA's), (77, 3043), (Start: 80 @3055 has 2 MA's), (86, 3079), (93, 3118), (97, 3148), (112, 3244), (114, 3253), (122, 3277), (139, 3376), (144, 3385),

Gene: Flaverint_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Flaverint_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Floof_1 Start: 122, Stop: 601, Start Num: 64

Candidate Starts for Floof_1:

(Start: 64 @122 has 48 MA's), (76, 200), (102, 350), (105, 371), (128, 446), (147, 545),

Gene: Florean_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Florean_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Flux_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Flux_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: ForGetIt_2 Start: 898, Stop: 1347, Start Num: 59

Candidate Starts for ForGetIt_2:

(10, 682), (13, 697), (14, 700), (16, 715), (17, 721), (19, 745), (47, 868), (Start: 59 @898 has 41 MA's), (Start: 80 @991 has 2 MA's), (82, 997), (86, 1015), (95, 1066), (114, 1189), (122, 1213), (125, 1228),

Gene: Forsytheast_2 Start: 927, Stop: 1361, Start Num: 58

Candidate Starts for Forsytheast_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1020 has 2 MA's), (115, 1194), (122, 1215), (132, 1269), (136, 1305), (140, 1314),

Gene: Francis47_3 Start: 1166, Stop: 1606, Start Num: 58

Candidate Starts for Francis47_3:

(Start: 58 @1166 has 193 MA's), (Start: 80 @1265 has 2 MA's), (115, 1439), (122, 1460), (132, 1514), (136, 1550), (140, 1559),

Gene: Fred313_2 Start: 754, Stop: 1182, Start Num: 60

Candidate Starts for Fred313_2:

(Start: 39 @709 has 2 MA's), (Start: 60 @754 has 266 MA's), (Start: 75 @832 has 3 MA's), (111, 1012), (115, 1024), (122, 1045), (130, 1087), (144, 1144),

Gene: Froghopper_3 Start: 1080, Stop: 1514, Start Num: 58

Candidate Starts for Froghopper_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1173 has 2 MA's), (115, 1347), (122, 1368), (132, 1422), (136, 1458), (140, 1467),

Gene: Funston_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Funston_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Fushigi_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for Fushigi_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (114, 1349), (115, 1352), (119, 1364), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: GMA4_1 Start: 79, Stop: 492, Start Num: 64

Candidate Starts for GMA4_1:

(Start: 64 @79 has 48 MA's), (Start: 80 @169 has 2 MA's), (83, 175), (85, 184), (102, 292), (114, 337), (137, 454), (142, 463),

Gene: Gadost_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Gadost_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: GageAP_4 Start: 1517, Stop: 1957, Start Num: 58

Candidate Starts for GageAP_4:

(18, 1364), (24, 1391), (30, 1424), (Start: 58 @1517 has 193 MA's), (Start: 80 @1616 has 2 MA's), (115, 1790), (122, 1811), (132, 1865), (136, 1901), (140, 1910),

Gene: Gail_5 Start: 2729, Stop: 3205, Start Num: 57

Candidate Starts for Gail_5:

(Start: 57 @2729 has 69 MA's), (Start: 80 @2828 has 2 MA's), (84, 2843), (86, 2852), (93, 2891), (97, 2921), (112, 3017), (114, 3026), (122, 3050),

Gene: Gandalf20_3 Start: 1174, Stop: 1614, Start Num: 58

Candidate Starts for Gandalf20_3:

(Start: 58 @1174 has 193 MA's), (Start: 80 @1273 has 2 MA's), (115, 1447), (122, 1468), (132, 1522), (136, 1558), (140, 1567),

Gene: Garak_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Garak_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: GaugeLDP_5 Start: 2431, Stop: 2904, Start Num: 62

Candidate Starts for GaugeLDP_5:

(Start: 62 @2431 has 187 MA's), (77, 2515), (86, 2551), (93, 2590), (97, 2620), (100, 2659), (103, 2671), (112, 2716), (114, 2725), (122, 2749), (126, 2767), (144, 2860),

Gene: Gemma_2 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Gemma_2:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: George_1 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for George_1:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Georgie2_6 Start: 2906, Stop: 3376, Start Num: 62

Candidate Starts for Georgie2_6:

(Start: 62 @2906 has 187 MA's), (77, 2990), (86, 3026), (93, 3065), (97, 3095), (112, 3191), (114, 3200), (122, 3224), (139, 3323), (144, 3332),

Gene: Ghouboy_2 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Ghouboy_2:

(10, 624), (13, 639), (16, 657), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Gilberta_5 Start: 2686, Stop: 3150, Start Num: 62

Candidate Starts for Gilberta_5:

(Start: 62 @2686 has 187 MA's), (77, 2770), (114, 2980), (122, 3004), (139, 3103), (144, 3112),

Gene: GingkoMaracino_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for GingkoMaracino_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: GirlDinner_6 Start: 1737, Stop: 2168, Start Num: 52

Candidate Starts for GirlDinner_6:

(Start: 52 @1737 has 25 MA's), (Start: 80 @1833 has 2 MA's), (83, 1842), (102, 1965), (115, 2013), (126, 2052), (130, 2076), (148, 2160),

Gene: Giroux_1 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for Giroux_1:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: Gladiator_5 Start: 2472, Stop: 2942, Start Num: 62

Candidate Starts for Gladiator_5:

(Start: 62 @2472 has 187 MA's), (77, 2559), (93, 2634), (97, 2664), (108, 2748), (114, 2769), (122, 2793), (126, 2811),

Gene: Goby_5 Start: 1931, Stop: 2356, Start Num: 64

Candidate Starts for Goby_5:

(Start: 52 @1922 has 25 MA's), (Start: 64 @1931 has 48 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Godpower_6 Start: 1934, Stop: 2359, Start Num: 64

Candidate Starts for Godpower_6:

(Start: 52 @1925 has 25 MA's), (Start: 64 @1934 has 48 MA's), (Start: 80 @2024 has 2 MA's), (95, 2093), (115, 2204),

Gene: Gollum_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Gollum_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Gompeii16_3 Start: 1166, Stop: 1606, Start Num: 58

Candidate Starts for Gompeii16_3:

(Start: 58 @1166 has 193 MA's), (Start: 80 @1265 has 2 MA's), (115, 1439), (122, 1460), (132, 1514), (136, 1550), (140, 1559),

Gene: Goose_2 Start: 795, Stop: 1226, Start Num: 60

Candidate Starts for Goose_2:

(Start: 57 @792 has 69 MA's), (Start: 60 @795 has 266 MA's), (76, 876), (91, 933), (115, 1065), (119, 1077), (122, 1086), (139, 1176), (144, 1185),

Gene: Graduation_3 Start: 1130, Stop: 1570, Start Num: 58

Candidate Starts for Graduation_3:

(Start: 58 @1130 has 193 MA's), (Start: 80 @1229 has 2 MA's), (115, 1403), (122, 1424), (132, 1478), (136, 1514), (140, 1523),

Gene: GrecoEtereo_4 Start: 1214, Stop: 1654, Start Num: 58

Candidate Starts for GrecoEtereo_4:

(Start: 58 @1214 has 193 MA's), (Start: 80 @1313 has 2 MA's), (115, 1487), (122, 1508), (132, 1562), (136, 1598), (140, 1607),

Gene: GreedyLawyer_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for GreedyLawyer_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: GreenWeasel_5 Start: 1941, Stop: 2375, Start Num: 52

Candidate Starts for GreenWeasel_5:

(Start: 52 @1941 has 25 MA's), (76, 2022), (Start: 80 @2037 has 2 MA's), (104, 2178), (115, 2217), (130, 2280),

Gene: Greg_4 Start: 1214, Stop: 1654, Start Num: 58

Candidate Starts for Greg_4:

(Start: 58 @1214 has 193 MA's), (Start: 80 @1313 has 2 MA's), (115, 1487), (122, 1508), (132, 1562), (136, 1598), (140, 1607),

Gene: Gretchen_1 Start: 128, Stop: 607, Start Num: 64

Candidate Starts for Gretchen_1:

(Start: 64 @128 has 48 MA's), (102, 356), (105, 377), (128, 452), (135, 515), (147, 551),

Gene: Grif_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Grif_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919),
(Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Groundhog_1 Start: 836, Stop: 1264, Start Num: 57

Candidate Starts for Groundhog_1:

(Start: 57 @836 has 69 MA's), (95, 995), (102, 1058), (114, 1106),

Gene: Groupthink_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Groupthink_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Grub_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Grub_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919),
(Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Grum1_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Grum1_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919),
(Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Gruunaga_5 Start: 2472, Stop: 2942, Start Num: 62

Candidate Starts for Gruunaga_5:

(Start: 62 @2472 has 187 MA's), (77, 2559), (93, 2634), (97, 2664), (108, 2748), (114, 2769), (122, 2793), (126, 2811),

Gene: GtownJaz_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for GtownJaz_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919),
(Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Gwendoluna_2 Start: 931, Stop: 1365, Start Num: 58

Candidate Starts for Gwendoluna_2:

(Start: 58 @931 has 193 MA's), (Start: 80 @1024 has 2 MA's), (115, 1198), (122, 1219), (132, 1273),
(136, 1309), (140, 1318),

Gene: Gyzlar_4 Start: 1582, Stop: 2022, Start Num: 58

Candidate Starts for Gyzlar_4:

(15, 1393), (27, 1471), (37, 1528), (38, 1531), (Start: 58 @1582 has 193 MA's), (Start: 80 @1681 has 2 MA's), (115, 1855), (122, 1876), (132, 1930), (136, 1966), (140, 1975),

Gene: HINdeR_2 Start: 742, Stop: 1173, Start Num: 59

Candidate Starts for HINdeR_2:

(22, 598), (33, 658), (Start: 59 @742 has 41 MA's), (77, 826), (Start: 80 @838 has 2 MA's), (84, 853),
(93, 889), (100, 958), (122, 1033), (130, 1075), (144, 1132),

Gene: Haizum_5 Start: 1727, Stop: 2161, Start Num: 52

Candidate Starts for Haizum_5:

(Start: 52 @1727 has 25 MA's), (Start: 80 @1823 has 2 MA's), (115, 2003), (126, 2042), (130, 2066),

Gene: HamSlice_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for HamSlice_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Hammer_5 Start: 2471, Stop: 2941, Start Num: 62

Candidate Starts for Hammer_5:

(Start: 62 @2471 has 187 MA's), (77, 2558), (93, 2633), (97, 2663), (108, 2747), (114, 2768), (122, 2792), (126, 2810),

Gene: HanShotFirst_3 Start: 1083, Stop: 1517, Start Num: 58

Candidate Starts for HanShotFirst_3:

(Start: 58 @1083 has 193 MA's), (Start: 80 @1176 has 2 MA's), (114, 1347), (115, 1350), (119, 1362), (122, 1371), (132, 1425), (136, 1461), (140, 1470),

Gene: Hank144_6 Start: 2016, Stop: 2453, Start Num: 50

Candidate Starts for Hank144_6:

(Start: 50 @2016 has 1 MA's), (Start: 52 @2022 has 25 MA's), (79, 2115), (Start: 80 @2118 has 2 MA's), (84, 2133), (115, 2298), (126, 2337), (130, 2361),

Gene: Happiness_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for Happiness_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (135, 1174), (144, 1192), (146, 1207),

Gene: Harlequin_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Harlequin_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: HarryHoudini_6 Start: 2962, Stop: 3432, Start Num: 62

Candidate Starts for HarryHoudini_6:

(Start: 62 @2962 has 187 MA's), (77, 3046), (Start: 80 @3058 has 2 MA's), (86, 3082), (93, 3121), (97, 3151), (112, 3247), (114, 3256), (122, 3280), (139, 3379), (144, 3388),

Gene: HarryOW_4 Start: 1214, Stop: 1654, Start Num: 58

Candidate Starts for HarryOW_4:

(Start: 58 @1214 has 193 MA's), (Start: 80 @1313 has 2 MA's), (115, 1487), (122, 1508), (132, 1562), (136, 1598), (140, 1607),

Gene: HashRod_3 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for HashRod_3:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: HaveUMetTed_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for HaveUMetTed_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Heathen_2 Start: 709, Stop: 1182, Start Num: 39

Candidate Starts for Heathen_2:

(Start: 39 @709 has 2 MA's), (Start: 60 @754 has 266 MA's), (Start: 75 @832 has 3 MA's), (100, 970), (111, 1012), (115, 1024), (119, 1036), (122, 1045), (130, 1087), (135, 1126), (144, 1144),

Gene: Heffalump_6 Start: 3008, Stop: 3478, Start Num: 62

Candidate Starts for Heffalump_6:

(3, 2750), (10, 2789), (16, 2822), (Start: 62 @3008 has 187 MA's), (77, 3092), (86, 3128), (93, 3167), (97, 3197), (104, 3251), (112, 3293), (114, 3302), (122, 3326), (139, 3425), (144, 3434),

Gene: HelDan_2 Start: 709, Stop: 1182, Start Num: 39

Candidate Starts for HelDan_2:

(Start: 39 @709 has 2 MA's), (Start: 60 @754 has 266 MA's), (Start: 75 @832 has 3 MA's), (100, 970), (111, 1012), (115, 1024), (119, 1036), (122, 1045), (130, 1087), (135, 1126), (144, 1144),

Gene: Heliosoles_2 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Heliosoles_2:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Helmet_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Helmet_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Herbertwm_2 Start: 750, Stop: 1241, Start Num: 62

Candidate Starts for Herbertwm_2:

(Start: 62 @750 has 187 MA's), (67, 789), (68, 792), (77, 834), (86, 870), (90, 897), (97, 939), (102, 984), (114, 1062), (122, 1086), (126, 1104), (130, 1128), (144, 1194),

Gene: Hercules11_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Hercules11_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Hermia_3 Start: 1081, Stop: 1515, Start Num: 58

Candidate Starts for Hermia_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1174 has 2 MA's), (115, 1348), (122, 1369), (132, 1423), (136, 1459), (140, 1468),

Gene: HermioneGrange_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for HermioneGrange_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: Hexamo_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Hexamo_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Hippo_5 Start: 1930, Stop: 2355, Start Num: 63

Candidate Starts for Hippo_5:

(21, 1780), (Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: Hiro_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Hiro_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Holli_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Holli_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Homines_3 Start: 1163, Stop: 1597, Start Num: 58

Candidate Starts for Homines_3:

(Start: 58 @1163 has 193 MA's), (Start: 80 @1256 has 2 MA's), (114, 1427), (115, 1430), (119, 1442), (122, 1451), (132, 1505), (136, 1541), (140, 1550),

Gene: Honk_1 Start: 161, Stop: 634, Start Num: 64

Candidate Starts for Honk_1:

(51, 128), (Start: 64 @161 has 48 MA's), (103, 383), (121, 437), (128, 467), (134, 530),

Gene: Hookmount_2 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Hookmount_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Hoot_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Hoot_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Hope4ever_3 Start: 1131, Stop: 1571, Start Num: 58

Candidate Starts for Hope4ever_3:

(18, 978), (24, 1005), (30, 1038), (Start: 58 @1131 has 193 MA's), (Start: 80 @1230 has 2 MA's), (115, 1404), (122, 1425), (132, 1479), (136, 1515), (140, 1524),

Gene: HortumSL17_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for HortumSL17_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Houdini22_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Houdini22_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: HuhtaEnerson15_2 Start: 872, Stop: 1321, Start Num: 59

Candidate Starts for HuhtaEnerson15_2:

(10, 656), (13, 671), (14, 674), (16, 689), (17, 695), (19, 719), (47, 842), (Start: 59 @872 has 41 MA's), (Start: 80 @965 has 2 MA's), (82, 971), (86, 989), (95, 1040), (114, 1163), (122, 1187), (125, 1202),

Gene: Hutc2_5 Start: 2692, Stop: 3156, Start Num: 62

Candidate Starts for Hutc2_5:

(Start: 62 @2692 has 187 MA's), (77, 2776), (114, 2986), (122, 3010), (139, 3109), (144, 3118),

Gene: Hydra_7 Start: 2493, Stop: 2918, Start Num: 64

Candidate Starts for Hydra_7:

(Start: 52 @2484 has 25 MA's), (Start: 64 @2493 has 48 MA's), (79, 2580), (Start: 80 @2583 has 2 MA's), (115, 2763),

Gene: ICleared_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for ICleared_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: ILeeKay_4 Start: 1244, Stop: 1684, Start Num: 58

Candidate Starts for ILeeKay_4:

(Start: 58 @1244 has 193 MA's), (Start: 80 @1343 has 2 MA's), (115, 1517), (122, 1538), (132, 1592), (136, 1628), (140, 1637),

Gene: Ibantik_65 Start: 27614, Stop: 28042, Start Num: 62

Candidate Starts for Ibantik_65:

(Start: 62 @27614 has 187 MA's), (100, 27824), (101, 27827), (113, 27869), (131, 27938), (141, 27995), (142, 27998),

Gene: Iceman_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Iceman_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Ichabod_3 Start: 1080, Stop: 1520, Start Num: 58

Candidate Starts for Ichabod_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1179 has 2 MA's), (114, 1350), (115, 1353), (119, 1365), (122, 1374), (132, 1428), (136, 1464), (140, 1473),

Gene: Idleandcovert_1 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for Idleandcovert_1:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: IgnatiusPatJac_2 Start: 928, Stop: 1362, Start Num: 58

Candidate Starts for IgnatiusPatJac_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1021 has 2 MA's), (114, 1192), (115, 1195), (119, 1207), (122, 1216), (132, 1270), (136, 1306), (140, 1315),

Gene: Indigo_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Indigo_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: Indra_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Indra_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Insomnia_4 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Insomnia_4:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Iracema64_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Iracema64_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: IronMan_5 Start: 2453, Stop: 2923, Start Num: 57

Candidate Starts for IronMan_5:

(Start: 57 @2453 has 69 MA's), (76, 2537), (81, 2555), (84, 2567), (93, 2615), (108, 2729), (114, 2750), (122, 2774), (144, 2882),

Gene: Isca_2 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for Isca_2:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (111, 1017), (115, 1029), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: Isiphiwo_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Isiphiwo_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Issmi_6 Start: 2005, Stop: 2436, Start Num: 52

Candidate Starts for Issmi_6:

(Start: 52 @2005 has 25 MA's), (Start: 80 @2101 has 2 MA's), (115, 2281), (126, 2320), (130, 2344), (148, 2428),

Gene: Iter_1 Start: 85, Stop: 537, Start Num: 62

Candidate Starts for Iter_1:

(Start: 62 @85 has 187 MA's), (134, 472), (142, 490), (147, 511),

Gene: IttyBittyPiggy_1 Start: 86, Stop: 538, Start Num: 62

Candidate Starts for IttyBittyPiggy_1:

(Start: 62 @86 has 187 MA's), (87, 215), (134, 473), (142, 491), (149, 521),

Gene: Itza_5 Start: 2126, Stop: 2560, Start Num: 57

Candidate Starts for Itza_5:

(Start: 57 @2126 has 69 MA's), (76, 2207), (84, 2237), (110, 2387), (115, 2402), (137, 2513), (138, 2516),

Gene: Iwokeuplikedis_6 Start: 2698, Stop: 3174, Start Num: 57

Candidate Starts for Iwokeuplikedis_6:

(Start: 57 @2698 has 69 MA's), (77, 2785), (84, 2812), (93, 2860), (97, 2890), (105, 2956), (114, 2995), (122, 3019), (126, 3037), (130, 3061),

Gene: Izzy_6 Start: 2163, Stop: 2588, Start Num: 63

Candidate Starts for Izzy_6:

(32, 2079), (43, 2127), (Start: 63 @2163 has 29 MA's), (79, 2250), (Start: 80 @2253 has 2 MA's), (115, 2433),

Gene: JC27_4 Start: 1631, Stop: 2074, Start Num: 58

Candidate Starts for JC27_4:

(Start: 58 @1631 has 193 MA's), (92, 1775), (115, 1904), (116, 1907), (122, 1925), (132, 1979), (136, 2015), (144, 2033),

Gene: JF2_2 Start: 758, Stop: 1186, Start Num: 60

Candidate Starts for JF2_2:

(Start: 60 @758 has 266 MA's), (71, 821), (Start: 75 @836 has 3 MA's), (111, 1016), (115, 1028), (122, 1049), (130, 1091), (135, 1130), (144, 1148),

Gene: JF4_2 Start: 758, Stop: 1186, Start Num: 60

Candidate Starts for JF4_2:

(Start: 60 @758 has 266 MA's), (71, 821), (Start: 75 @836 has 3 MA's), (111, 1016), (115, 1028), (122, 1049), (130, 1091), (135, 1130), (144, 1148),

Gene: JHC117_2 Start: 874, Stop: 1275, Start Num: 65

Candidate Starts for JHC117_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: JSwag_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for JSwag_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Jaan_5 Start: 2449, Stop: 2919, Start Num: 57

Candidate Starts for Jaan_5:

(Start: 57 @2449 has 69 MA's), (76, 2533), (81, 2551), (84, 2563), (93, 2611), (108, 2725), (114, 2746), (122, 2770), (144, 2878),

Gene: Jabiru_2 Start: 839, Stop: 1288, Start Num: 59

Candidate Starts for Jabiru_2:

(2, 578), (10, 623), (13, 638), (16, 656), (28, 734), (47, 809), (Start: 59 @839 has 41 MA's), (82, 938), (95, 1007), (114, 1130), (122, 1154), (125, 1169),

Gene: Jabith_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Jabith_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: JackSparrow_2 Start: 927, Stop: 1367, Start Num: 58

Candidate Starts for JackSparrow_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1026 has 2 MA's), (115, 1200), (122, 1221), (132, 1275), (136, 1311), (140, 1320),

Gene: Janus_6 Start: 2074, Stop: 2505, Start Num: 52

Candidate Starts for Janus_6:

(Start: 52 @2074 has 25 MA's), (Start: 80 @2170 has 2 MA's), (83, 2179), (102, 2302), (115, 2350), (126, 2389), (130, 2413), (148, 2497),

Gene: Jash_6 Start: 2116, Stop: 2541, Start Num: 63

Candidate Starts for Jash_6:

(32, 2032), (43, 2080), (Start: 63 @2116 has 29 MA's), (79, 2203), (Start: 80 @2206 has 2 MA's), (115, 2386),

Gene: JasmineDragon_1 Start: 132, Stop: 560, Start Num: 62

Candidate Starts for JasmineDragon_1:

(Start: 62 @132 has 187 MA's), (116, 417), (142, 534),

Gene: Jasper_4 Start: 1356, Stop: 1790, Start Num: 58

Candidate Starts for Jasper_4:

(Start: 58 @1356 has 193 MA's), (Start: 80 @1449 has 2 MA's), (115, 1623), (122, 1644), (132, 1698), (136, 1734), (140, 1743),

Gene: Jaykayelowell_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Jaykayelowell_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Jeeves_5 Start: 2750, Stop: 3223, Start Num: 56

Candidate Starts for Jeeves_5:

(Start: 56 @2750 has 3 MA's), (Start: 80 @2849 has 2 MA's), (84, 2864), (86, 2873), (93, 2912), (97, 2942), (112, 3038), (114, 3047), (122, 3071),

Gene: Jeffabunny_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Jeffabunny_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: JenCasNa_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for JenCasNa_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: JeppNRM_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for JeppNRM_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Jerm_6 Start: 2884, Stop: 3354, Start Num: 62

Candidate Starts for Jerm_6:

(Start: 62 @2884 has 187 MA's), (77, 2968), (Start: 80 @2980 has 2 MA's), (86, 3004), (93, 3043), (97, 3073), (112, 3169), (114, 3178), (122, 3202), (139, 3301), (144, 3310),

Gene: Jerm2_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for Jerm2_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: Jester_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Jester_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: JetBlade_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for JetBlade_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Jevington_8 Start: 2296, Stop: 2727, Start Num: 52

Candidate Starts for Jevington_8:

(Start: 52 @2296 has 25 MA's), (Start: 80 @2392 has 2 MA's), (102, 2524), (115, 2572), (126, 2611), (130, 2635), (148, 2719),

Gene: JewelBug_5 Start: 2483, Stop: 2953, Start Num: 62

Candidate Starts for JewelBug_5:

(Start: 62 @2483 has 187 MA's), (77, 2570), (Start: 80 @2582 has 2 MA's), (93, 2645), (97, 2675), (100, 2714), (103, 2726), (114, 2780), (122, 2804), (144, 2915),

Gene: Jobu08_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Jobu08_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: JoongJeon_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for JoongJeon_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Jordennis_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Jordennis_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Jorgensen_3 Start: 1164, Stop: 1604, Start Num: 58

Candidate Starts for Jorgensen_3:

(Start: 58 @1164 has 193 MA's), (Start: 80 @1263 has 2 MA's), (115, 1437), (122, 1458), (132, 1512), (136, 1548), (140, 1557),

Gene: Joselito_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Joselito_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: JoshKayV_6 Start: 2899, Stop: 3369, Start Num: 62

Candidate Starts for JoshKayV_6:

(Start: 62 @2899 has 187 MA's), (77, 2983), (86, 3019), (93, 3058), (97, 3088), (105, 3154), (112, 3184), (114, 3193), (122, 3217), (139, 3316), (144, 3325),

Gene: Journey13_5 Start: 2757, Stop: 3224, Start Num: 62

Candidate Starts for Journey13_5:

(Start: 62 @2757 has 187 MA's), (77, 2841), (Start: 80 @2853 has 2 MA's), (86, 2877), (93, 2916), (114, 3051), (116, 3057), (122, 3075), (144, 3183),

Gene: Jovo_2 Start: 872, Stop: 1321, Start Num: 59

Candidate Starts for Jovo_2:

(10, 656), (13, 671), (14, 674), (16, 689), (17, 695), (19, 719), (47, 842), (Start: 59 @872 has 41 MA's), (Start: 80 @965 has 2 MA's), (82, 971), (86, 989), (95, 1040), (114, 1163), (122, 1187), (125, 1202),

Gene: Jsquared_5 Start: 2660, Stop: 3127, Start Num: 62

Candidate Starts for Jsquared_5:

(Start: 62 @2660 has 187 MA's), (77, 2744), (Start: 80 @2756 has 2 MA's), (84, 2771), (93, 2819), (97, 2849), (98, 2879), (112, 2945), (114, 2954), (122, 2978), (144, 3086),

Gene: Juicebox_2 Start: 862, Stop: 1284, Start Num: 64

Candidate Starts for Juicebox_2:

(1, 583), (25, 727), (Start: 64 @862 has 48 MA's), (83, 955), (106, 1099), (109, 1105), (119, 1138), (122, 1147), (123, 1150), (125, 1162), (131, 1195), (139, 1249),

Gene: JuliaChild_4 Start: 1366, Stop: 1806, Start Num: 58

Candidate Starts for JuliaChild_4:

(Start: 58 @1366 has 193 MA's), (Start: 80 @1465 has 2 MA's), (115, 1639), (122, 1660), (132, 1714), (136, 1750), (140, 1759),

Gene: JuneStar_1 Start: 84, Stop: 548, Start Num: 62

Candidate Starts for JuneStar_1:

(48, 54), (Start: 62 @84 has 187 MA's), (142, 501), (149, 531),

Gene: KADY_3 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for KADY_3:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: KBG_3 Start: 1367, Stop: 1801, Start Num: 58

Candidate Starts for KBG_3:

(Start: 58 @1367 has 193 MA's), (Start: 80 @1460 has 2 MA's), (115, 1634), (122, 1655), (132, 1709), (136, 1745), (140, 1754),

Gene: KFPoly_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for KFPoly_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: KSSJEB_2 Start: 938, Stop: 1378, Start Num: 58

Candidate Starts for KSSJEB_2:

(Start: 58 @938 has 193 MA's), (Start: 80 @1037 has 2 MA's), (115, 1211), (122, 1232), (132, 1286), (136, 1322), (140, 1331),

Gene: Kalb97_3 Start: 858, Stop: 1277, Start Num: 60

Candidate Starts for Kalb97_3:

(Start: 53 @852 has 20 MA's), (Start: 60 @858 has 266 MA's), (Start: 65 @876 has 6 MA's), (115, 1128), (122, 1149), (139, 1239),

Gene: Kalnoky_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Kalnoky_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Kalpine_5 Start: 2894, Stop: 3364, Start Num: 62

Candidate Starts for Kalpine_5:

(11, 2681), (16, 2711), (Start: 62 @2894 has 187 MA's), (77, 2978), (86, 3014), (93, 3053), (97, 3083), (112, 3179), (114, 3188), (122, 3212), (139, 3311), (144, 3320),

Gene: Kampy_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Kampy_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Kanely_4 Start: 1628, Stop: 2062, Start Num: 58

Candidate Starts for Kanely_4:

(Start: 58 @1628 has 193 MA's), (Start: 80 @1721 has 2 MA's), (115, 1895), (122, 1916), (132, 1970), (136, 2006), (140, 2015),

Gene: Katalie_6 Start: 2202, Stop: 2627, Start Num: 64

Candidate Starts for Katalie_6:

(Start: 52 @2193 has 25 MA's), (Start: 64 @2202 has 48 MA's), (Start: 80 @2292 has 2 MA's), (101, 2421), (115, 2472),

Gene: Katalie136_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Katalie136_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: KatherineG_5 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for KatherineG_5:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (84, 2868), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: Kazan_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Kazan_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: KeAlii_1 Start: 69, Stop: 521, Start Num: 62

Candidate Starts for KeAlii_1:

(Start: 62 @69 has 187 MA's), (147, 492), (149, 501),

Gene: Kenmech_3 Start: 1089, Stop: 1523, Start Num: 58

Candidate Starts for Kenmech_3:

(Start: 58 @1089 has 193 MA's), (Start: 80 @1182 has 2 MA's), (114, 1353), (115, 1356), (119, 1368), (122, 1377), (132, 1431), (136, 1467), (140, 1476),

Gene: Kerberos_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for Kerberos_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: Keziacharles14_5 Start: 2540, Stop: 3013, Start Num: 57

Candidate Starts for Keziacharles14_5:

(16, 2360), (28, 2438), (31, 2450), (Start: 57 @2540 has 69 MA's), (90, 2690), (93, 2702), (114, 2837), (122, 2861), (135, 2951), (139, 2960),

Gene: Killigrew_2 Start: 927, Stop: 1367, Start Num: 58

Candidate Starts for Killigrew_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1026 has 2 MA's), (115, 1200), (122, 1221), (132, 1275), (136, 1311), (140, 1320),

Gene: Kimona_2 Start: 910, Stop: 1341, Start Num: 60

Candidate Starts for Kimona_2:

(Start: 60 @910 has 266 MA's), (72, 979), (Start: 80 @1006 has 2 MA's), (100, 1126), (102, 1132), (122, 1201), (135, 1282), (144, 1300),

Gene: KingCyrus_6 Start: 2883, Stop: 3353, Start Num: 62

Candidate Starts for KingCyrus_6:

(8, 2652), (23, 2745), (Start: 62 @2883 has 187 MA's), (77, 2967), (86, 3003), (93, 3042), (97, 3072), (112, 3168), (114, 3177), (122, 3201), (139, 3300), (144, 3309),

Gene: Kingmustik0402_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Kingmustik0402_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Kipper29_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Kipper29_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: KittenMittens_2 Start: 805, Stop: 1236, Start Num: 60

Candidate Starts for KittenMittens_2:

(Start: 60 @805 has 266 MA's), (76, 886), (91, 943), (115, 1075), (119, 1087), (122, 1096), (139, 1186), (144, 1195),

Gene: Koduck_4 Start: 2657, Stop: 3124, Start Num: 62

Candidate Starts for Koduck_4:

(Start: 62 @2657 has 187 MA's), (77, 2741), (Start: 80 @2753 has 2 MA's), (84, 2768), (93, 2816), (97, 2846), (98, 2876), (112, 2942), (114, 2951), (122, 2975), (139, 3074), (144, 3083),

Gene: Koko_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Koko_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Koreni_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Koreni_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Kratark_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Kratark_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Kremtemulon_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Kremtemulon_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Krishelle_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Krishelle_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Kristoff_3 Start: 962, Stop: 1393, Start Num: 60

Candidate Starts for Kristoff_3:

(Start: 57 @959 has 69 MA's), (Start: 60 @962 has 266 MA's), (76, 1043), (84, 1073), (91, 1100), (115, 1232), (119, 1244), (122, 1253), (139, 1343), (144, 1352),

Gene: Kugel_5 Start: 1434, Stop: 1868, Start Num: 58

Candidate Starts for Kugel_5:

(Start: 58 @1434 has 193 MA's), (Start: 65 @1446 has 6 MA's), (Start: 80 @1527 has 2 MA's), (115, 1701), (122, 1722), (132, 1776), (136, 1812), (140, 1821),

Gene: KyMonks1A_4 Start: 1294, Stop: 1734, Start Num: 58

Candidate Starts for KyMonks1A_4:

(Start: 58 @1294 has 193 MA's), (Start: 80 @1393 has 2 MA's), (114, 1564), (115, 1567), (119, 1579), (122, 1588), (132, 1642), (136, 1678), (140, 1687),

Gene: Kyee_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Kyee_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Kykar_2 Start: 928, Stop: 1368, Start Num: 58

Candidate Starts for Kykar_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1027 has 2 MA's), (115, 1201), (122, 1222), (132, 1276), (136, 1312), (140, 1321),

Gene: L5_5 Start: 2665, Stop: 3132, Start Num: 62

Candidate Starts for L5_5:

(Start: 62 @2665 has 187 MA's), (77, 2749), (Start: 80 @2761 has 2 MA's), (84, 2776), (93, 2824), (97, 2854), (98, 2884), (112, 2950), (114, 2959), (122, 2983), (139, 3082), (144, 3091),

Gene: LBerry_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for LBerry_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: LHTSCC_2 Start: 800, Stop: 1231, Start Num: 60

Candidate Starts for LHTSCC_2:

(Start: 60 @800 has 266 MA's), (Start: 80 @896 has 2 MA's), (93, 947), (100, 1016), (122, 1091), (123, 1094), (126, 1109), (130, 1133), (144, 1190), (146, 1205),

Gene: LadyBird_5 Start: 2799, Stop: 3269, Start Num: 62

Candidate Starts for LadyBird_5:

(Start: 62 @2799 has 187 MA's), (77, 2883), (86, 2919), (93, 2958), (97, 2988), (112, 3084), (114, 3093), (122, 3117), (139, 3216), (144, 3225),

Gene: Lambert1_2 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Lambert1_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Lamina13_3 Start: 1081, Stop: 1515, Start Num: 58

Candidate Starts for Lamina13_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1174 has 2 MA's), (115, 1348), (122, 1369), (132, 1423), (136, 1459), (140, 1468),

Gene: Landor_5 Start: 2451, Stop: 2921, Start Num: 57

Candidate Starts for Landor_5:

(Start: 57 @2451 has 69 MA's), (76, 2535), (81, 2553), (84, 2565), (93, 2613), (108, 2727), (114, 2748), (122, 2772), (144, 2880),

Gene: Lannister_6 Start: 1938, Stop: 2363, Start Num: 64

Candidate Starts for Lannister_6:

(Start: 52 @1929 has 25 MA's), (Start: 64 @1938 has 48 MA's), (Start: 80 @2028 has 2 MA's), (95, 2097), (115, 2208), (130, 2271),

Gene: LappelDuVide_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for LappelDuVide_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Larenn_6 Start: 2913, Stop: 3383, Start Num: 62

Candidate Starts for Larenn_6:

(16, 2730), (Start: 62 @2913 has 187 MA's), (77, 2997), (Start: 80 @3009 has 2 MA's), (86, 3033), (93, 3072), (97, 3102), (112, 3198), (114, 3207), (122, 3231), (139, 3330), (144, 3339),

Gene: LarryKay_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for LarryKay_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: LastResort_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for LastResort_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Legacy_5 Start: 1936, Stop: 2361, Start Num: 64

Candidate Starts for Legacy_5:

(Start: 52 @1927 has 25 MA's), (Start: 64 @1936 has 48 MA's), (79, 2023), (Start: 80 @2026 has 2 MA's), (115, 2206),

Gene: Lemur_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Lemur_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: LeoAvram_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for LeoAvram_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Leogania_5 Start: 2655, Stop: 3128, Start Num: 57

Candidate Starts for Leogania_5:

(Start: 57 @2655 has 69 MA's), (77, 2742), (86, 2778), (93, 2817), (112, 2943), (114, 2952), (122, 2976), (137, 3069), (139, 3075), (144, 3084),

Gene: Lesedi_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Lesedi_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: Lev2_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Lev2_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Leviathan_6 Start: 2883, Stop: 3353, Start Num: 62

Candidate Starts for Leviathan_6:

(Start: 62 @2883 has 187 MA's), (77, 2967), (Start: 80 @2979 has 2 MA's), (86, 3003), (93, 3042), (97, 3072), (112, 3168), (114, 3177), (122, 3201), (139, 3300), (144, 3309),

Gene: Leviticus_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Leviticus_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: Licorice_5 Start: 1792, Stop: 2232, Start Num: 58

Candidate Starts for Licorice_5:

(15, 1603), (27, 1681), (37, 1738), (38, 1741), (Start: 58 @1792 has 193 MA's), (Start: 80 @1891 has 2 MA's), (115, 2065), (122, 2086), (132, 2140), (136, 2176), (140, 2185),

Gene: Liebe_1 Start: 80, Stop: 535, Start Num: 62

Candidate Starts for Liebe_1:

(Start: 62 @80 has 187 MA's), (100, 311),

Gene: Lika_5 Start: 1935, Stop: 2360, Start Num: 64

Candidate Starts for Lika_5:

(Start: 52 @1926 has 25 MA's), (Start: 64 @1935 has 48 MA's), (Start: 80 @2025 has 2 MA's), (95, 2094), (115, 2205),

Gene: LilBib_2 Start: 931, Stop: 1371, Start Num: 58

Candidate Starts for LilBib_2:

(Start: 58 @931 has 193 MA's), (Start: 80 @1030 has 2 MA's), (115, 1204), (122, 1225), (132, 1279), (136, 1315), (140, 1324),

Gene: LilTurb_6 Start: 2884, Stop: 3354, Start Num: 62

Candidate Starts for LilTurb_6:

(Start: 62 @2884 has 187 MA's), (77, 2968), (Start: 80 @2980 has 2 MA's), (86, 3004), (93, 3043), (97, 3073), (112, 3169), (114, 3178), (122, 3202), (139, 3301), (144, 3310),

Gene: Lilith_2 Start: 875, Stop: 1276, Start Num: 65

Candidate Starts for Lilith_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Lillie_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Lillie_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: LittleB_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for LittleB_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: LittleCherry_2 Start: 873, Stop: 1322, Start Num: 59

Candidate Starts for LittleCherry_2:

(Start: 59 @873 has 41 MA's), (Start: 80 @966 has 2 MA's), (82, 972), (86, 990), (95, 1041), (114, 1164), (122, 1188), (125, 1203),

Gene: LittleGuy_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for LittleGuy_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: LochMonster_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for LochMonster_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (135, 1173), (144, 1191), (146, 1206),

Gene: Lockley_3 Start: 1070, Stop: 1504, Start Num: 58

Candidate Starts for Lockley_3:

(Start: 58 @1070 has 193 MA's), (Start: 80 @1163 has 2 MA's), (115, 1337), (122, 1358), (132, 1412), (136, 1448), (140, 1457),

Gene: Lokk_6 Start: 2873, Stop: 3343, Start Num: 62

Candidate Starts for Lokk_6:

(Start: 52 @2867 has 25 MA's), (Start: 62 @2873 has 187 MA's), (Start: 80 @2969 has 2 MA's), (86, 2993), (93, 3032), (114, 3167), (122, 3191), (137, 3284), (139, 3290), (144, 3299),

Gene: LoneWolf_5 Start: 2433, Stop: 2906, Start Num: 57

Candidate Starts for LoneWolf_5:

(Start: 57 @2433 has 69 MA's), (93, 2595), (112, 2721), (114, 2730), (122, 2754), (139, 2853),

Gene: Loofah_6 Start: 1802, Stop: 2233, Start Num: 52

Candidate Starts for Loofah_6:

(Start: 49 @1793 has 1 MA's), (Start: 52 @1802 has 25 MA's), (Start: 80 @1898 has 2 MA's), (104, 2039), (115, 2078), (130, 2141), (145, 2216),

Gene: Looper_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Looper_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Lopton_3 Start: 1172, Stop: 1612, Start Num: 58

Candidate Starts for Lopton_3:

(Start: 58 @1172 has 193 MA's), (Start: 80 @1271 has 2 MA's), (115, 1445), (122, 1466), (132, 1520), (136, 1556), (140, 1565),

Gene: Lorelei_5 Start: 1928, Stop: 2353, Start Num: 63

Candidate Starts for Lorelei_5:

(Start: 63 @1928 has 29 MA's), (Start: 80 @2018 has 2 MA's), (95, 2087), (115, 2198),

Gene: Lorenzo_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Lorenzo_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Loser_5 Start: 2612, Stop: 3082, Start Num: 62

Candidate Starts for Loser_5:

(8, 2381), (23, 2474), (Start: 62 @2612 has 187 MA's), (77, 2696), (Start: 80 @2708 has 2 MA's), (93, 2771), (97, 2801), (100, 2840), (103, 2852), (112, 2897), (114, 2906), (122, 2930), (137, 3023), (139, 3029), (144, 3038),

Gene: Louie6_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for Louie6_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Luchador_5 Start: 2735, Stop: 3208, Start Num: 57

Candidate Starts for Luchador_5:

(Start: 57 @2735 has 69 MA's), (Start: 80 @2834 has 2 MA's), (84, 2849), (86, 2858), (93, 2897), (97, 2927), (112, 3023), (114, 3032), (122, 3056),

Gene: Lucivia_5 Start: 2686, Stop: 3150, Start Num: 62

Candidate Starts for Lucivia_5:

(Start: 62 @2686 has 187 MA's), (77, 2770), (114, 2980), (122, 3004), (139, 3103), (144, 3112),

Gene: Lucyedi_5 Start: 2452, Stop: 2928, Start Num: 57

Candidate Starts for Lucyedi_5:

(Start: 57 @2452 has 69 MA's), (86, 2575), (114, 2749), (122, 2773), (125, 2788), (139, 2875), (144, 2884),

Gene: LugYA_4 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for LugYA_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Lunsford_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Lunsford_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: MA5_2 Start: 768, Stop: 1199, Start Num: 60

Candidate Starts for MA5_2:

(Start: 60 @768 has 266 MA's), (71, 831), (Start: 75 @846 has 3 MA's), (Start: 80 @864 has 2 MA's), (111, 1026), (115, 1038), (122, 1059), (130, 1101), (135, 1140), (144, 1158),

Gene: MK4_2 Start: 758, Stop: 1186, Start Num: 60

Candidate Starts for MK4_2:

(Start: 60 @758 has 266 MA's), (71, 821), (Start: 75 @836 has 3 MA's), (111, 1016), (115, 1028), (122, 1049), (130, 1091), (135, 1130), (144, 1148),

Gene: MPlant7149_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for MPlant7149_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: MaCh_5 Start: 2686, Stop: 3150, Start Num: 62

Candidate Starts for MaCh_5:

(Start: 62 @2686 has 187 MA's), (77, 2770), (114, 2980), (122, 3004), (139, 3103), (144, 3112),

Gene: MaGuCo_1 Start: 80, Stop: 535, Start Num: 62

Candidate Starts for MaGuCo_1:

(Start: 62 @80 has 187 MA's), (100, 311), (135, 473),

Gene: Mabel_5 Start: 2701, Stop: 3165, Start Num: 62

Candidate Starts for Mabel_5:

(Start: 62 @2701 has 187 MA's), (77, 2785), (114, 2995), (122, 3019), (139, 3118), (144, 3127),

Gene: Mabodamaca_1 Start: 146, Stop: 604, Start Num: 66

Candidate Starts for Mabodamaca_1:

(Start: 64 @125 has 48 MA's), (Start: 66 @146 has 1 MA's), (105, 374), (129, 458), (143, 527),

Gene: MadMarie_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for MadMarie_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Magnar_3 Start: 1095, Stop: 1535, Start Num: 58

Candidate Starts for Magnar_3:

(Start: 41 @1056 has 1 MA's), (Start: 58 @1095 has 193 MA's), (Start: 80 @1194 has 2 MA's), (114, 1365), (115, 1368), (119, 1380), (122, 1389), (132, 1443), (136, 1479), (140, 1488),

Gene: Magnito_2 Start: 929, Stop: 1369, Start Num: 58

Candidate Starts for Magnito_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (115, 1202), (122, 1223), (132, 1277), (136, 1313), (140, 1322),

Gene: Mainiac_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for Mainiac_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Makemake_3 Start: 1395, Stop: 1829, Start Num: 58

Candidate Starts for Makemake_3:

(Start: 58 @1395 has 193 MA's), (Start: 80 @1488 has 2 MA's), (115, 1662), (122, 1683), (132, 1737), (136, 1773), (140, 1782),

Gene: MalagasyRose_6 Start: 1600, Stop: 2064, Start Num: 64

Candidate Starts for MalagasyRose_6:

(Start: 64 @1600 has 48 MA's), (78, 1684), (89, 1738), (95, 1771), (99, 1822), (121, 1903), (144, 2017), (145, 2029),

Gene: Malec_6 Start: 2913, Stop: 3383, Start Num: 62

Candidate Starts for Malec_6:

(16, 2730), (Start: 62 @2913 has 187 MA's), (77, 2997), (Start: 80 @3009 has 2 MA's), (86, 3033), (93, 3072), (97, 3102), (112, 3198), (114, 3207), (122, 3231), (139, 3330), (144, 3339),

Gene: Malinsilva_4 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Malinsilva_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Maminiaina_5 Start: 2435, Stop: 2908, Start Num: 57

Candidate Starts for Maminiaina_5:

(Start: 57 @2435 has 69 MA's), (Start: 80 @2534 has 2 MA's), (93, 2597), (112, 2723), (114, 2732), (122, 2756), (139, 2855),

Gene: Manatee_3 Start: 1078, Stop: 1518, Start Num: 58

Candidate Starts for Manatee_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1177 has 2 MA's), (115, 1351), (122, 1372), (132, 1426), (136, 1462), (140, 1471),

Gene: Maneekul_5 Start: 1933, Stop: 2358, Start Num: 64

Candidate Starts for Maneekul_5:

(Start: 52 @1924 has 25 MA's), (Start: 64 @1933 has 48 MA's), (Start: 80 @2023 has 2 MA's), (115, 2203),

Gene: Manu_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Manu_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: MarQuardt_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for MarQuardt_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Marav_8 Start: 2646, Stop: 3077, Start Num: 52

Candidate Starts for Marav_8:

(Start: 52 @2646 has 25 MA's), (Start: 80 @2742 has 2 MA's), (83, 2751), (102, 2874), (115, 2922), (126, 2961), (130, 2985), (148, 3069),

Gene: Marcell_3 Start: 1074, Stop: 1508, Start Num: 58

Candidate Starts for Marcell_3:

(Start: 58 @1074 has 193 MA's), (Start: 80 @1167 has 2 MA's), (115, 1341), (122, 1362), (132, 1416), (136, 1452), (140, 1461),

Gene: Marge_2 Start: 929, Stop: 1369, Start Num: 58

Candidate Starts for Marge_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (114, 1199), (115, 1202), (119, 1214), (122, 1223), (132, 1277), (136, 1313), (140, 1322),

Gene: Margo_2 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Margo_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Marie_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Marie_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Marius_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Marius_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Maroc7_2 Start: 932, Stop: 1372, Start Num: 58

Candidate Starts for Maroc7_2:

(Start: 58 @932 has 193 MA's), (Start: 80 @1031 has 2 MA's), (115, 1205), (122, 1226), (132, 1280), (136, 1316), (140, 1325),

Gene: Marsha_3 Start: 1391, Stop: 1825, Start Num: 58

Candidate Starts for Marsha_3:

(Start: 58 @1391 has 193 MA's), (Start: 80 @1484 has 2 MA's), (115, 1658), (122, 1679), (132, 1733), (136, 1769), (140, 1778),

Gene: MaryBeth_3 Start: 1082, Stop: 1522, Start Num: 58

Candidate Starts for MaryBeth_3:

(Start: 58 @1082 has 193 MA's), (Start: 80 @1181 has 2 MA's), (115, 1355), (122, 1376), (132, 1430), (136, 1466), (140, 1475),

Gene: MarysWell_1 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for MarysWell_1:

(10, 624), (13, 639), (16, 657), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Maureen_1 Start: 80, Stop: 535, Start Num: 62

Candidate Starts for Maureen_1:

(Start: 62 @80 has 187 MA's), (100, 311),

Gene: Maverick_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Maverick_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Maxo_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Maxo_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Mazhar510_2 Start: 804, Stop: 1235, Start Num: 60

Candidate Starts for Mazhar510_2:

(Start: 60 @804 has 266 MA's), (Start: 80 @900 has 2 MA's), (93, 951), (100, 1020), (122, 1095), (123, 1098), (126, 1113), (130, 1137), (135, 1176), (144, 1194), (146, 1209),

Gene: McFly_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for McFly_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: McGuire_3 Start: 1080, Stop: 1514, Start Num: 58

Candidate Starts for McGuire_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1173 has 2 MA's), (115, 1347), (122, 1368), (132, 1422), (136, 1458), (140, 1467),

Gene: Medusa_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Medusa_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: MeeZee_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for MeeZee_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Melvin_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Melvin_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: MetalQZJ_3 Start: 1082, Stop: 1522, Start Num: 58

Candidate Starts for MetalQZJ_3:

(Start: 58 @1082 has 193 MA's), (Start: 80 @1181 has 2 MA's), (115, 1355), (122, 1376), (132, 1430), (136, 1466), (140, 1475),

Gene: Methuselah_2 Start: 851, Stop: 1276, Start Num: 53

Candidate Starts for Methuselah_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Micasa_1 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Micasa_1:

(10, 624), (13, 639), (16, 657), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Michley_3 Start: 1094, Stop: 1534, Start Num: 58

Candidate Starts for Michley_3:

(40, 1055), (Start: 58 @1094 has 193 MA's), (Start: 80 @1193 has 2 MA's), (115, 1367), (122, 1388), (132, 1442), (136, 1478), (140, 1487),

Gene: Microwolf_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Microwolf_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: MiculUcigas_6 Start: 2959, Stop: 3429, Start Num: 62

Candidate Starts for MiculUcigas_6:

(Start: 62 @2959 has 187 MA's), (77, 3043), (Start: 80 @3055 has 2 MA's), (86, 3079), (93, 3118), (97, 3148), (112, 3244), (114, 3253), (122, 3277), (139, 3376), (144, 3385),

Gene: Midas2_2 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Midas2_2:

(10, 624), (13, 639), (14, 642), (16, 657), (17, 663), (19, 687), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Miko_6 Start: 2851, Stop: 3321, Start Num: 62

Candidate Starts for Miko_6:

(Start: 52 @2845 has 25 MA's), (Start: 62 @2851 has 187 MA's), (Start: 80 @2947 has 2 MA's), (86, 2971), (93, 3010), (114, 3145), (122, 3169), (137, 3262), (139, 3268), (144, 3277),

Gene: Milcery_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Milcery_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Millski_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Millski_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: MinecraftSteve_6 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for MinecraftSteve_6:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: MiniMommy_1 Start: 132, Stop: 560, Start Num: 62

Candidate Starts for MiniMommy_1:

(Start: 62 @132 has 187 MA's), (116, 417), (142, 534),

Gene: Miramae_2 Start: 800, Stop: 1228, Start Num: 60

Candidate Starts for Miramae_2:

(Start: 60 @800 has 266 MA's), (77, 884), (Start: 80 @896 has 2 MA's), (93, 947), (100, 1016), (122, 1091), (123, 1094), (126, 1109), (130, 1133), (135, 1172), (139, 1181), (144, 1190), (146, 1205),

Gene: Misomonster_4 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Misomonster_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: MissWhite_5 Start: 2647, Stop: 3114, Start Num: 62

Candidate Starts for MissWhite_5:

(Start: 62 @2647 has 187 MA's), (77, 2731), (Start: 80 @2743 has 2 MA's), (86, 2767), (88, 2776), (93, 2806), (97, 2836), (114, 2941), (122, 2965), (144, 3073),

Gene: Molly_4 Start: 1279, Stop: 1719, Start Num: 58

Candidate Starts for Molly_4:

(18, 1126), (24, 1153), (30, 1186), (Start: 58 @1279 has 193 MA's), (Start: 80 @1378 has 2 MA's), (115, 1552), (122, 1573), (132, 1627), (136, 1663), (140, 1672),

Gene: Monet_3 Start: 1081, Stop: 1521, Start Num: 58

Candidate Starts for Monet_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1180 has 2 MA's), (115, 1354), (122, 1375), (132, 1429), (136, 1465), (140, 1474),

Gene: MoneyMay_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for MoneyMay_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Moose_2 Start: 927, Stop: 1361, Start Num: 58

Candidate Starts for Moose_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1020 has 2 MA's), (115, 1194), (122, 1215), (132, 1269), (136, 1305), (140, 1314),

Gene: Morpher26_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Morpher26_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Morrow_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Morrow_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: MrGordo_3 Start: 1225, Stop: 1665, Start Num: 58

Candidate Starts for MrGordo_3:

(40, 1186), (Start: 58 @1225 has 193 MA's), (Start: 80 @1324 has 2 MA's), (115, 1498), (122, 1519), (132, 1573), (136, 1609), (140, 1618),

Gene: Mryolo_2 Start: 931, Stop: 1371, Start Num: 58

Candidate Starts for Mryolo_2:

(Start: 58 @931 has 193 MA's), (Start: 80 @1030 has 2 MA's), (115, 1204), (122, 1225), (132, 1279), (136, 1315), (140, 1324),

Gene: MuchMore_4 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for MuchMore_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Mudpuppy_1 Start: 84, Stop: 536, Start Num: 62

Candidate Starts for Mudpuppy_1:

(34, 12), (48, 54), (Start: 62 @84 has 187 MA's), (87, 213), (134, 471), (147, 510), (149, 519),

Gene: Mulciber_5 Start: 2692, Stop: 3156, Start Num: 62

Candidate Starts for Mulciber_5:

(Start: 62 @2692 has 187 MA's), (77, 2776), (114, 2986), (122, 3010), (139, 3109), (144, 3118),

Gene: Mule_2 Start: 926, Stop: 1360, Start Num: 58

Candidate Starts for Mule_2:

(Start: 58 @926 has 193 MA's), (Start: 65 @938 has 6 MA's), (Start: 80 @1019 has 2 MA's), (114, 1190), (115, 1193), (119, 1205), (122, 1214), (132, 1268), (136, 1304), (140, 1313),

Gene: Munch_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Munch_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Mundrea_2 Start: 804, Stop: 1232, Start Num: 60

Candidate Starts for Mundrea_2:

(Start: 60 @804 has 266 MA's), (77, 888), (Start: 80 @900 has 2 MA's), (93, 951), (100, 1020), (122, 1095), (123, 1098), (126, 1113), (130, 1137), (139, 1185), (144, 1194), (146, 1209),

Gene: Museum_4 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for Museum_4:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: MyraDee_2 Start: 664, Stop: 1128, Start Num: 42

Candidate Starts for MyraDee_2:

(Start: 42 @664 has 1 MA's), (Start: 53 @697 has 20 MA's), (Start: 60 @703 has 266 MA's), (Start: 65 @715 has 6 MA's), (Start: 80 @793 has 2 MA's), (115, 979), (119, 991), (122, 1000), (126, 1018), (131, 1048), (137, 1087), (144, 1102),

Gene: Myxus_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Myxus_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: NEHalo_3 Start: 1078, Stop: 1512, Start Num: 58

Candidate Starts for NEHalo_3:

(Start: 58 @1078 has 193 MA's), (Start: 65 @1090 has 6 MA's), (Start: 80 @1171 has 2 MA's), (115, 1345), (122, 1366), (132, 1420), (136, 1456), (140, 1465),

Gene: NaSiaTalie_6 Start: 2959, Stop: 3429, Start Num: 62

Candidate Starts for NaSiaTalie_6:

(Start: 62 @2959 has 187 MA's), (77, 3043), (Start: 80 @3055 has 2 MA's), (86, 3079), (93, 3118), (97, 3148), (112, 3244), (114, 3253), (122, 3277), (139, 3376), (144, 3385),

Gene: Nabi_5 Start: 1928, Stop: 2353, Start Num: 63

Candidate Starts for Nabi_5:

(Start: 63 @1928 has 29 MA's), (Start: 80 @2018 has 2 MA's), (95, 2087), (115, 2198),

Gene: Naca_2 Start: 842, Stop: 1291, Start Num: 59

Candidate Starts for Naca_2:

(2, 581), (10, 626), (13, 641), (16, 659), (28, 737), (47, 812), (Start: 59 @842 has 41 MA's), (82, 941), (95, 1010), (114, 1133), (122, 1157), (125, 1172),

Gene: Naiad_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Naiad_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Naira_2 Start: 937, Stop: 1371, Start Num: 58

Candidate Starts for Naira_2:

(Start: 58 @937 has 193 MA's), (Start: 80 @1030 has 2 MA's), (114, 1201), (115, 1204), (119, 1216), (122, 1225), (132, 1279), (136, 1315), (140, 1324),

Gene: Naji_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for Naji_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: Nancinator_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Nancinator_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Nanodon_7 Start: 2127, Stop: 2552, Start Num: 63

Candidate Starts for Nanodon_7:

(Start: 63 @2127 has 29 MA's), (Start: 80 @2217 has 2 MA's), (95, 2286), (115, 2397),

Gene: Natosaleda_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Natosaleda_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: NearlyHeadless_2 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for NearlyHeadless_2:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (114, 1104),

Gene: Nebs_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Nebs_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Nebulosus_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Nebulosus_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Nedarya_5 Start: 2580, Stop: 3038, Start Num: 62

Candidate Starts for Nedarya_5:

(Start: 62 @2580 has 187 MA's), (93, 2739), (114, 2874), (122, 2898), (123, 2901),

Gene: Neeharika16_4 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Neeharika16_4:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Nemo27_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for Nemo27_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (135, 1174), (144, 1192), (146, 1207),

Gene: Nerdos_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Nerdos_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: Nergal_4 Start: 1389, Stop: 1844, Start Num: 64

Candidate Starts for Nergal_4:

(Start: 64 @1389 has 48 MA's), (99, 1605), (110, 1653), (126, 1707), (144, 1800), (145, 1812),

Gene: Nerujay_3 Start: 1063, Stop: 1503, Start Num: 58

Candidate Starts for Nerujay_3:

(Start: 58 @1063 has 193 MA's), (Start: 80 @1162 has 2 MA's), (115, 1336), (122, 1357), (132, 1411), (136, 1447), (140, 1456),

Gene: Newrala_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Newrala_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Nhonho_3 Start: 1077, Stop: 1517, Start Num: 58

Candidate Starts for Nhonho_3:

(Start: 58 @1077 has 193 MA's), (Start: 80 @1176 has 2 MA's), (114, 1347), (115, 1350), (119, 1362), (122, 1371), (132, 1425), (136, 1461), (140, 1470),

Gene: NicoleTera_5 Start: 2648, Stop: 3118, Start Num: 62

Candidate Starts for NicoleTera_5:

(Start: 52 @2642 has 25 MA's), (Start: 62 @2648 has 187 MA's), (77, 2732), (86, 2768), (93, 2807), (97, 2837), (112, 2933), (114, 2942), (122, 2966), (137, 3059), (139, 3065), (144, 3074),

Gene: Nishikigoi_5 Start: 1727, Stop: 2161, Start Num: 52

Candidate Starts for Nishikigoi_5:

(Start: 52 @1727 has 25 MA's), (Start: 80 @1823 has 2 MA's), (115, 2003), (126, 2042), (130, 2066),

Gene: Niza_4 Start: 1628, Stop: 2068, Start Num: 58

Candidate Starts for Niza_4:

(Start: 58 @1628 has 193 MA's), (Start: 80 @1727 has 2 MA's), (115, 1901), (122, 1922), (132, 1976), (136, 2012), (140, 2021),

Gene: Noella_2 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Noella_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Noelle_2 Start: 791, Stop: 1219, Start Num: 60

Candidate Starts for Noelle_2:

(Start: 60 @791 has 266 MA's), (77, 875), (Start: 80 @887 has 2 MA's), (93, 938), (100, 1007), (122, 1082), (123, 1085), (126, 1100), (130, 1124), (139, 1172), (144, 1181), (146, 1196),

Gene: Norbert_1 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Norbert_1:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: NorthStar_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for NorthStar_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Norz_3 Start: 1076, Stop: 1510, Start Num: 58

Candidate Starts for Norz_3:

(Start: 58 @1076 has 193 MA's), (Start: 80 @1169 has 2 MA's), (115, 1343), (122, 1364), (132, 1418), (136, 1454), (140, 1463),

Gene: NotAPhaseMom_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for NotAPhaseMom_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: NothingSpecial_4 Start: 2483, Stop: 2956, Start Num: 62

Candidate Starts for NothingSpecial_4:

(47, 2456), (Start: 62 @2483 has 187 MA's), (77, 2567), (Start: 80 @2579 has 2 MA's), (86, 2603), (93, 2642), (112, 2768), (114, 2777), (122, 2801), (139, 2900), (144, 2909),

Gene: Nyxis_2 Start: 804, Stop: 1235, Start Num: 60

Candidate Starts for Nyxis_2:

(Start: 60 @804 has 266 MA's), (Start: 80 @900 has 2 MA's), (93, 951), (100, 1020), (122, 1095), (123, 1098), (126, 1113), (130, 1137), (135, 1176), (144, 1194), (146, 1209),

Gene: OKCentral2016_2 Start: 797, Stop: 1228, Start Num: 60

Candidate Starts for OKCentral2016_2:

(Start: 57 @794 has 69 MA's), (Start: 60 @797 has 266 MA's), (76, 878), (91, 935), (115, 1067), (119, 1079), (122, 1088), (139, 1178), (144, 1187),

Gene: OKaNui_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for OKaNui_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (135, 1174), (144, 1192), (146, 1207),

Gene: Obama12_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for Obama12_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (144, 1192), (146, 1207),

Gene: Odin_4 Start: 2487, Stop: 2951, Start Num: 62

Candidate Starts for Odin_4:

(Start: 62 @2487 has 187 MA's), (77, 2571), (Start: 80 @2583 has 2 MA's), (86, 2607), (93, 2646), (114, 2781), (122, 2805), (123, 2808), (135, 2898), (139, 2907), (144, 2916),

Gene: Ohfah_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Ohfah_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Ohno789_2 Start: 928, Stop: 1362, Start Num: 58

Candidate Starts for Ohno789_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1021 has 2 MA's), (115, 1195), (122, 1216), (132, 1270), (136, 1306), (140, 1315),

Gene: OlanP_2 Start: 1040, Stop: 1459, Start Num: 60

Candidate Starts for OlanP_2:

(Start: 53 @1034 has 20 MA's), (Start: 60 @1040 has 266 MA's), (Start: 65 @1058 has 6 MA's), (115, 1310), (122, 1331), (139, 1421),

Gene: Oliynyk_6 Start: 2116, Stop: 2541, Start Num: 63

Candidate Starts for Oliynyk_6:

(32, 2032), (43, 2080), (Start: 63 @2116 has 29 MA's), (79, 2203), (Start: 80 @2206 has 2 MA's), (115, 2386),

Gene: Ollie_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Ollie_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Omar_6 Start: 1957, Stop: 2391, Start Num: 52

Candidate Starts for Omar_6:

(Start: 52 @1957 has 25 MA's), (Start: 80 @2053 has 2 MA's), (115, 2233), (130, 2296),

Gene: Oofda_5 Start: 2614, Stop: 3072, Start Num: 62

Candidate Starts for Oofda_5:

(Start: 52 @2608 has 25 MA's), (Start: 62 @2614 has 187 MA's), (93, 2773), (114, 2908), (122, 2932), (123, 2935), (139, 3031),

Gene: Oogway_2 Start: 929, Stop: 1363, Start Num: 58

Candidate Starts for Oogway_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1022 has 2 MA's), (115, 1196), (122, 1217), (132, 1271), (136, 1307), (140, 1316),

Gene: Orange_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Orange_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Ozzie_5 Start: 1936, Stop: 2361, Start Num: 64

Candidate Starts for Ozzie_5:

(Start: 52 @1927 has 25 MA's), (Start: 64 @1936 has 48 MA's), (79, 2023), (Start: 80 @2026 has 2 MA's), (115, 2206),

Gene: OzzyJ_6 Start: 1931, Stop: 2356, Start Num: 63

Candidate Starts for OzzyJ_6:

(21, 1781), (Start: 63 @1931 has 29 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: P28Green_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for P28Green_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: PGHhamlin_4 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for PGHhamlin_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: PP_13 Start: 4904, Stop: 5341, Start Num: 60

Candidate Starts for PP_13:

(Start: 60 @4904 has 266 MA's), (Start: 80 @5000 has 2 MA's), (82, 5006), (102, 5126), (122, 5195), (123, 5198), (130, 5237), (135, 5276), (144, 5294),

Gene: PSullivan_3 Start: 1366, Stop: 1806, Start Num: 58

Candidate Starts for PSullivan_3:

(Start: 58 @1366 has 193 MA's), (Start: 80 @1465 has 2 MA's), (115, 1639), (122, 1660), (132, 1714), (136, 1750), (140, 1759),

Gene: Pablito_5 Start: 1765, Stop: 2196, Start Num: 52

Candidate Starts for Pablito_5:

(Start: 50 @1759 has 1 MA's), (Start: 52 @1765 has 25 MA's), (Start: 80 @1861 has 2 MA's), (83, 1870), (84, 1876), (115, 2041), (126, 2080), (130, 2104), (148, 2188),

Gene: PacerPaul_3 Start: 1166, Stop: 1606, Start Num: 58

Candidate Starts for PacerPaul_3:

(Start: 58 @1166 has 193 MA's), (Start: 80 @1265 has 2 MA's), (115, 1439), (122, 1460), (132, 1514), (136, 1550), (140, 1559),

Gene: PackMan_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for PackMan_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Paedore_5 Start: 1802, Stop: 2233, Start Num: 52

Candidate Starts for Paedore_5:

(Start: 49 @1793 has 1 MA's), (Start: 52 @1802 has 25 MA's), (Start: 80 @1898 has 2 MA's), (104, 2039), (115, 2078), (130, 2141), (145, 2216),

Gene: PainterBoy_5 Start: 2452, Stop: 2928, Start Num: 57

Candidate Starts for PainterBoy_5:

(Start: 57 @2452 has 69 MA's), (86, 2575), (114, 2749), (122, 2773), (125, 2788), (139, 2875), (144, 2884),

Gene: Palestino_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Palestino_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Panamaxus_2 Start: 862, Stop: 1212, Start Num: 75

Candidate Starts for Panamaxus_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Paolo_8 Start: 2350, Stop: 2781, Start Num: 52

Candidate Starts for Paolo_8:

(Start: 52 @2350 has 25 MA's), (Start: 80 @2446 has 2 MA's), (83, 2455), (102, 2578), (115, 2626), (126, 2665), (130, 2689), (148, 2773),

Gene: Papez_3 Start: 1164, Stop: 1598, Start Num: 58

Candidate Starts for Papez_3:

(Start: 58 @1164 has 193 MA's), (Start: 80 @1257 has 2 MA's), (115, 1431), (122, 1452), (132, 1506), (136, 1542), (140, 1551),

Gene: Paphu_2 Start: 928, Stop: 1368, Start Num: 58

Candidate Starts for Paphu_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1027 has 2 MA's), (115, 1201), (122, 1222), (132, 1276), (136, 1312), (140, 1321),

Gene: Paraselene_2 Start: 928, Stop: 1362, Start Num: 58

Candidate Starts for Paraselene_2:

(Start: 58 @928 has 193 MA's), (Start: 65 @940 has 6 MA's), (Start: 80 @1021 has 2 MA's), (114, 1192), (115, 1195), (119, 1207), (122, 1216), (132, 1270), (136, 1306), (140, 1315),

Gene: Pari_3 Start: 1066, Stop: 1500, Start Num: 58

Candidate Starts for Pari_3:

(Start: 58 @1066 has 193 MA's), (Start: 65 @1078 has 6 MA's), (Start: 80 @1159 has 2 MA's), (115, 1333), (122, 1354), (132, 1408), (136, 1444), (140, 1453),

Gene: Parliament_2 Start: 929, Stop: 1369, Start Num: 58

Candidate Starts for Parliament_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (115, 1202), (122, 1223), (132, 1277), (136, 1313), (140, 1322),

Gene: Partridge_3 Start: 1010, Stop: 1432, Start Num: 60

Candidate Starts for Partridge_3:

(Start: 60 @1010 has 266 MA's), (84, 1121), (90, 1145), (93, 1157), (119, 1292), (135, 1382), (144, 1400), (146, 1415),

Gene: PascalRango_3 Start: 1078, Stop: 1512, Start Num: 58

Candidate Starts for PascalRango_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1171 has 2 MA's), (115, 1345), (122, 1366), (132, 1420), (136, 1456), (140, 1465),

Gene: PattyP_4 Start: 1279, Stop: 1713, Start Num: 58

Candidate Starts for PattyP_4:

(18, 1126), (24, 1153), (30, 1186), (Start: 58 @1279 has 193 MA's), (Start: 80 @1372 has 2 MA's), (115, 1546), (122, 1567), (132, 1621), (136, 1657), (140, 1666),

Gene: Pawn_2 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Pawn_2:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: PeaceMeal1_2 Start: 807, Stop: 1238, Start Num: 60

Candidate Starts for PeaceMeal1_2:

(Start: 60 @807 has 266 MA's), (76, 888), (91, 945), (115, 1077), (119, 1089), (122, 1098), (139, 1188), (144, 1197),

Gene: Peaches_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Peaches_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Pelly_4 Start: 1313, Stop: 1753, Start Num: 58

Candidate Starts for Pelly_4:

(18, 1160), (24, 1187), (30, 1220), (Start: 58 @1313 has 193 MA's), (Start: 80 @1412 has 2 MA's), (115, 1586), (122, 1607), (132, 1661), (136, 1697), (140, 1706),

Gene: Pembroke_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Pembroke_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Penny1_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Penny1_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Pepe_4 Start: 1350, Stop: 1784, Start Num: 58

Candidate Starts for Pepe_4:

(Start: 58 @1350 has 193 MA's), (Start: 80 @1443 has 2 MA's), (114, 1614), (115, 1617), (119, 1629), (122, 1638), (132, 1692), (136, 1728), (140, 1737),

Gene: Percival_1 Start: 128, Stop: 607, Start Num: 64

Candidate Starts for Percival_1:

(35, 56), (Start: 64 @128 has 48 MA's), (Start: 65 @140 has 6 MA's), (102, 356), (105, 377), (128, 452), (135, 515), (147, 551),

Gene: Perplexer_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Perplexer_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Perseus_2 Start: 926, Stop: 1360, Start Num: 58

Candidate Starts for Perseus_2:

(Start: 58 @926 has 193 MA's), (Start: 65 @938 has 6 MA's), (Start: 80 @1019 has 2 MA's), (114, 1190), (115, 1193), (119, 1205), (122, 1214), (132, 1268), (136, 1304), (140, 1313),

Gene: PeterPeter_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for PeterPeter_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Petersenfast_4 Start: 2692, Stop: 3156, Start Num: 62

Candidate Starts for Petersenfast_4:

(Start: 62 @2692 has 187 MA's), (77, 2776), (114, 2986), (122, 3010), (139, 3109), (144, 3118),

Gene: Peterson_3 Start: 1482, Stop: 1925, Start Num: 58

Candidate Starts for Peterson_3:

(Start: 58 @1482 has 193 MA's), (92, 1626), (115, 1755), (116, 1758), (122, 1776), (132, 1830), (136, 1866), (144, 1884),

Gene: PetiteSangsue_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for PetiteSangsue_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Petp2012_4 Start: 1280, Stop: 1720, Start Num: 58

Candidate Starts for Petp2012_4:

(Start: 58 @1280 has 193 MA's), (Start: 80 @1379 has 2 MA's), (115, 1553), (122, 1574), (132, 1628), (136, 1664), (140, 1673),

Gene: Petruccio_3 Start: 1080, Stop: 1514, Start Num: 58

Candidate Starts for Petruchio_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1173 has 2 MA's), (115, 1347), (122, 1368), (132, 1422), (136, 1458), (140, 1467),

Gene: PetterN_2 Start: 839, Stop: 1288, Start Num: 59

Candidate Starts for PetterN_2:

(2, 578), (10, 623), (13, 638), (16, 656), (28, 734), (47, 809), (Start: 59 @839 has 41 MA's), (82, 938), (95, 1007), (114, 1130), (122, 1154), (125, 1169),

Gene: Ph8s_5 Start: 2494, Stop: 2958, Start Num: 62

Candidate Starts for Ph8s_5:

(Start: 62 @2494 has 187 MA's), (Start: 65 @2512 has 6 MA's), (77, 2578), (Start: 80 @2590 has 2 MA's), (86, 2614), (93, 2653), (114, 2788), (122, 2812), (123, 2815), (135, 2905), (139, 2914), (144, 2923),

Gene: Phacado_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for Phacado_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (135, 1174), (144, 1192), (146, 1207),

Gene: Phaded_5 Start: 2448, Stop: 2918, Start Num: 57

Candidate Starts for Phaded_5:

(Start: 57 @2448 has 69 MA's), (76, 2532), (81, 2550), (84, 2562), (93, 2610), (108, 2724), (114, 2745), (122, 2769), (144, 2877),

Gene: Phaeder_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Phaeder_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: PhailMary_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for PhailMary_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Phantastic_2 Start: 764, Stop: 1192, Start Num: 60

Candidate Starts for Phantastic_2:

(Start: 60 @764 has 266 MA's), (Start: 75 @842 has 3 MA's), (122, 1055), (130, 1097), (135, 1136), (144, 1154),

Gene: Pharaoh_5 Start: 2554, Stop: 3033, Start Num: 57

Candidate Starts for Pharaoh_5:

(47, 2527), (Start: 57 @2554 has 69 MA's), (93, 2716), (101, 2788), (114, 2851), (122, 2875), (139, 2974), (144, 2983),

Gene: Phelipe_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Phelipe_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: PherrisBueller_4 Start: 1356, Stop: 1790, Start Num: 58

Candidate Starts for PherrisBueller_4:

(Start: 58 @1356 has 193 MA's), (Start: 80 @1449 has 2 MA's), (115, 1623), (122, 1644), (132, 1698), (136, 1734), (140, 1743),

Gene: Phettuccine_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Phettuccine_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: Phighter1804_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for Phighter1804_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (135, 1173), (144, 1191), (146, 1206),

Gene: Phillis_2 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for Phillis_2:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (114, 1104),

Gene: PhishRPhriends_2 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for PhishRPhriends_2:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Phives_2 Start: 1157, Stop: 1609, Start Num: 62

Candidate Starts for Phives_2:

(29, 1052), (Start: 62 @1157 has 187 MA's), (134, 1544), (142, 1562), (147, 1583),

Gene: Phlei_2 Start: 815, Stop: 1285, Start Num: 62

Candidate Starts for Phlei_2:

(Start: 62 @815 has 187 MA's), (114, 1109), (122, 1133), (135, 1223), (139, 1232), (144, 1241),

Gene: Phlorence_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Phlorence_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Phoebe_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Phoebe_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Phonnegut_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Phonnegut_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Phontbonne_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for Phontbonne_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (144, 1191), (146, 1206),

Gene: Phoxy_2 Start: 875, Stop: 1276, Start Num: 65

Candidate Starts for Phoxy_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Phrankenstein_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Phrankenstein_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Phranny_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Phranny_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: PhrostyMug_2 Start: 926, Stop: 1360, Start Num: 58

Candidate Starts for PhrostyMug_2:

(Start: 58 @926 has 193 MA's), (Start: 65 @938 has 6 MA's), (Start: 80 @1019 has 2 MA's), (114, 1190), (115, 1193), (119, 1205), (122, 1214), (132, 1268), (136, 1304), (140, 1313),

Gene: PickleBack_2 Start: 872, Stop: 1321, Start Num: 59

Candidate Starts for PickleBack_2:

(10, 656), (13, 671), (14, 674), (16, 689), (17, 695), (19, 719), (47, 842), (Start: 59 @872 has 41 MA's), (Start: 80 @965 has 2 MA's), (82, 971), (86, 989), (95, 1040), (114, 1163), (122, 1187), (125, 1202),

Gene: PinkPlastic_2 Start: 928, Stop: 1368, Start Num: 58

Candidate Starts for PinkPlastic_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1027 has 2 MA's), (115, 1201), (122, 1222), (132, 1276), (136, 1312), (140, 1321),

Gene: Pinto_3 Start: 1130, Stop: 1570, Start Num: 58

Candidate Starts for Pinto_3:

(Start: 58 @1130 has 193 MA's), (Start: 80 @1229 has 2 MA's), (115, 1403), (122, 1424), (132, 1478), (136, 1514), (140, 1523),

Gene: Pioneer_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Pioneer_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Pipcraft_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Pipcraft_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Pippin_4 Start: 1214, Stop: 1654, Start Num: 58

Candidate Starts for Pippin_4:

(Start: 58 @1214 has 193 MA's), (Start: 80 @1313 has 2 MA's), (115, 1487), (122, 1508), (132, 1562), (136, 1598), (140, 1607),

Gene: Piro94_5 Start: 2963, Stop: 3433, Start Num: 62

Candidate Starts for Piro94_5:

(Start: 62 @2963 has 187 MA's), (77, 3047), (Start: 80 @3059 has 2 MA's), (86, 3083), (93, 3122), (97, 3152), (112, 3248), (114, 3257), (122, 3281), (139, 3380), (144, 3389),

Gene: Pistachio_2 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for Pistachio_2:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: Pita2_4 Start: 1366, Stop: 1806, Start Num: 58

Candidate Starts for Pita2_4:

(Start: 58 @1366 has 193 MA's), (Start: 80 @1465 has 2 MA's), (115, 1639), (122, 1660), (132, 1714), (136, 1750), (140, 1759),

Gene: Pixelle_1 Start: 84, Stop: 536, Start Num: 61

Candidate Starts for Pixelle_1:

(34, 12), (48, 54), (Start: 61 @84 has 1 MA's), (134, 471), (147, 510),

Gene: Pmask_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Pmask_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Pocahontas_2 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Pocahontas_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Polymorphads_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Polymorphads_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Pomar16_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for Pomar16_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: Poompha_2 Start: 805, Stop: 1236, Start Num: 60

Candidate Starts for Poompha_2:

(Start: 60 @805 has 266 MA's), (76, 886), (91, 943), (115, 1075), (119, 1087), (122, 1096), (139, 1186), (144, 1195),

Gene: Popcicle_2 Start: 862, Stop: 1212, Start Num: 75

Candidate Starts for Popcicle_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: PotatoSplit_3 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for PotatoSplit_3:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Poushou_2 Start: 799, Stop: 1230, Start Num: 64

Candidate Starts for Poushou_2:

(Start: 64 @799 has 48 MA's), (83, 895), (106, 1039), (115, 1069), (116, 1072), (118, 1078), (125, 1105), (146, 1216),

Gene: Power_6 Start: 2904, Stop: 3374, Start Num: 62

Candidate Starts for Power_6:

(3, 2646), (10, 2685), (16, 2718), (Start: 62 @2904 has 187 MA's), (77, 2988), (86, 3024), (93, 3063), (97, 3093), (112, 3189), (114, 3198), (122, 3222), (139, 3321), (144, 3330),

Gene: Priamo_5 Start: 2497, Stop: 2967, Start Num: 62

Candidate Starts for Priamo_5:

(Start: 62 @2497 has 187 MA's), (77, 2584), (Start: 80 @2596 has 2 MA's), (93, 2659), (97, 2689), (100, 2728), (103, 2740), (114, 2794), (122, 2818), (144, 2929),

Gene: Priya_5 Start: 2666, Stop: 3139, Start Num: 57

Candidate Starts for Priya_5:

(16, 2480), (28, 2558), (Start: 57 @2666 has 69 MA's), (70, 2723), (84, 2780), (93, 2828), (97, 2858), (114, 2963), (122, 2987), (135, 3077), (139, 3086), (144, 3095),

Gene: Provolone_6 Start: 1785, Stop: 2213, Start Num: 63

Candidate Starts for Provolone_6:

(Start: 63 @1785 has 29 MA's), (76, 1860), (115, 2055), (126, 2094), (137, 2166), (138, 2169),

Gene: Puginator_9 Start: 2296, Stop: 2727, Start Num: 52

Candidate Starts for Puginator_9:

(Start: 52 @2296 has 25 MA's), (Start: 80 @2392 has 2 MA's), (83, 2401), (102, 2524), (115, 2572), (126, 2611), (130, 2635), (148, 2719),

Gene: Pukovnik_5 Start: 2424, Stop: 2894, Start Num: 57

Candidate Starts for Pukovnik_5:

(47, 2397), (Start: 57 @2424 has 69 MA's), (76, 2508), (81, 2526), (84, 2538), (93, 2586), (114, 2721), (122, 2745), (144, 2853),

Gene: Pumbaa_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for Pumbaa_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (135, 1173), (144, 1191), (146, 1206),

Gene: Pumpkins_1 Start: 86, Stop: 550, Start Num: 62

Candidate Starts for Pumpkins_1:

(Start: 62 @86 has 187 MA's), (99, 305), (142, 503), (149, 533),

Gene: Puppy_2 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for Puppy_2:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: PurpleHaze_2 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for PurpleHaze_2:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: QTRlifeCrisis_3 Start: 928, Stop: 1368, Start Num: 58

Candidate Starts for QTRlifeCrisis_3:

(Start: 58 @928 has 193 MA's), (Start: 80 @1027 has 2 MA's), (114, 1198), (115, 1201), (119, 1213), (122, 1222), (132, 1276), (136, 1312), (140, 1321),

Gene: Qobbit_5 Start: 2666, Stop: 3139, Start Num: 57

Candidate Starts for Qobbit_5:

(16, 2480), (28, 2558), (Start: 57 @2666 has 69 MA's), (70, 2723), (84, 2780), (93, 2828), (97, 2858), (114, 2963), (122, 2987), (135, 3077), (139, 3086), (144, 3095),

Gene: QueenB2_6 Start: 3008, Stop: 3478, Start Num: 62

Candidate Starts for QueenB2_6:

(3, 2750), (10, 2789), (16, 2822), (Start: 62 @3008 has 187 MA's), (77, 3092), (86, 3128), (93, 3167), (97, 3197), (104, 3251), (112, 3293), (114, 3302), (122, 3326), (139, 3425), (144, 3434),

Gene: QueenBeesly_6 Start: 2904, Stop: 3374, Start Num: 62

Candidate Starts for QueenBeesly_6:

(Start: 62 @2904 has 187 MA's), (77, 2988), (86, 3024), (93, 3063), (97, 3093), (112, 3189), (114, 3198), (122, 3222), (139, 3321), (144, 3330),

Gene: QuinnKiro_1 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for QuinnKiro_1:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: R4_5 Start: 1751, Stop: 2191, Start Num: 49

Candidate Starts for R4_5:

(Start: 49 @1751 has 1 MA's), (Start: 52 @1760 has 25 MA's), (Start: 80 @1856 has 2 MA's), (101, 1985), (104, 1997), (115, 2036), (130, 2099), (145, 2174),

Gene: RER2_66 Start: 44475, Stop: 44897, Start Num: 60

Candidate Starts for RER2_66:

(Start: 60 @44475 has 266 MA's), (Start: 65 @44493 has 6 MA's), (84, 44586), (90, 44610), (93, 44622), (119, 44757), (135, 44847), (144, 44865), (146, 44880),

Gene: RGL3_65 Start: 45940, Stop: 46362, Start Num: 60

Candidate Starts for RGL3_65:

(Start: 60 @45940 has 266 MA's), (Start: 65 @45958 has 6 MA's), (90, 46075), (106, 46183), (115, 46210), (117, 46216), (125, 46246), (126, 46249), (144, 46330), (146, 46345),

Gene: Rachaly_6 Start: 2871, Stop: 3341, Start Num: 62

Candidate Starts for Rachaly_6:

(Start: 52 @2865 has 25 MA's), (Start: 62 @2871 has 187 MA's), (Start: 80 @2967 has 2 MA's), (86, 2991), (93, 3030), (114, 3165), (122, 3189), (137, 3282), (139, 3288), (144, 3297),

Gene: Rahalelujah_5 Start: 2435, Stop: 2908, Start Num: 57

Candidate Starts for Rahalelujah_5:

(Start: 57 @2435 has 69 MA's), (Start: 80 @2534 has 2 MA's), (93, 2597), (112, 2723), (114, 2732), (122, 2756), (139, 2855),

Gene: Rajelicia_3 Start: 1081, Stop: 1521, Start Num: 58

Candidate Starts for Rajelicia_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1180 has 2 MA's), (115, 1354), (122, 1375), (132, 1429), (136, 1465), (140, 1474),

Gene: Rana_5 Start: 1928, Stop: 2353, Start Num: 63

Candidate Starts for Rana_5:

(Start: 63 @1928 has 29 MA's), (Start: 80 @2018 has 2 MA's), (95, 2087), (115, 2198),

Gene: Rasputin_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Rasputin_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: ReMo_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for ReMo_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: Reba_3 Start: 861, Stop: 1280, Start Num: 60

Candidate Starts for Reba_3:

(Start: 53 @855 has 20 MA's), (Start: 60 @861 has 266 MA's), (Start: 65 @879 has 6 MA's), (115, 1131), (122, 1152), (139, 1242),

Gene: Rebeuca_3 Start: 963, Stop: 1394, Start Num: 60

Candidate Starts for Rebeuca_3:

(Start: 57 @960 has 69 MA's), (Start: 60 @963 has 266 MA's), (76, 1044), (84, 1074), (91, 1101), (115, 1233), (119, 1245), (122, 1254), (139, 1344), (144, 1353),

Gene: RedBear_7 Start: 2202, Stop: 2627, Start Num: 64

Candidate Starts for RedBear_7:

(Start: 52 @2193 has 25 MA's), (Start: 64 @2202 has 48 MA's), (Start: 80 @2292 has 2 MA's), (101, 2421), (115, 2472),

Gene: RedRock_5 Start: 2614, Stop: 3084, Start Num: 62

Candidate Starts for RedRock_5:

(Start: 62 @2614 has 187 MA's), (77, 2698), (Start: 80 @2710 has 2 MA's), (93, 2773), (97, 2803), (100, 2842), (103, 2854), (112, 2899), (114, 2908), (122, 2932), (137, 3025), (139, 3031), (144, 3040),

Gene: Refuge_5 Start: 2586, Stop: 3062, Start Num: 57

Candidate Starts for Refuge_5:

(47, 2559), (Start: 57 @2586 has 69 MA's), (Start: 80 @2685 has 2 MA's), (81, 2688), (93, 2748), (97, 2778), (112, 2874), (114, 2883), (122, 2907), (125, 2922), (135, 2997), (144, 3015),

Gene: Relief_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Relief_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Remus_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Remus_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: ResDef_1 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for ResDef_1:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Retro23_6 Start: 3007, Stop: 3477, Start Num: 62

Candidate Starts for Retro23_6:

(Start: 62 @3007 has 187 MA's), (77, 3091), (86, 3127), (93, 3166), (97, 3196), (112, 3292), (114, 3301), (122, 3325), (139, 3424), (144, 3433),

Gene: RexFury_3 Start: 1048, Stop: 1470, Start Num: 60

Candidate Starts for RexFury_3:

(Start: 60 @1048 has 266 MA's), (Start: 65 @1066 has 6 MA's), (84, 1159), (90, 1183), (93, 1195), (119, 1330), (135, 1420), (144, 1438), (146, 1453),

Gene: Rhodalysa_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Rhodalysa_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: RhynO_2 Start: 807, Stop: 1241, Start Num: 60

Candidate Starts for RhynO_2:

(Start: 57 @804 has 69 MA's), (Start: 60 @807 has 266 MA's), (76, 888), (91, 945), (115, 1077), (119, 1089), (122, 1098), (139, 1188), (144, 1197),

Gene: Rhynn_2 Start: 1080, Stop: 1520, Start Num: 58

Candidate Starts for Rhynn_2:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1179 has 2 MA's), (115, 1353), (122, 1374), (132, 1428), (136, 1464), (140, 1473),

Gene: RidgeCB_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for RidgeCB_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: Rifter_5 Start: 2471, Stop: 2941, Start Num: 62

Candidate Starts for Rifter_5:

(Start: 62 @2471 has 187 MA's), (77, 2558), (93, 2633), (97, 2663), (108, 2747), (114, 2768), (122, 2792), (126, 2810),

Gene: Ringer_2 Start: 928, Stop: 1368, Start Num: 58

Candidate Starts for Ringer_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1027 has 2 MA's), (115, 1201), (122, 1222), (132, 1276), (136, 1312), (140, 1321),

Gene: Roary_2 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for Roary_2:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (114, 1104),

Gene: Rockstar_2 Start: 758, Stop: 1186, Start Num: 60

Candidate Starts for Rockstar_2:

(Start: 60 @758 has 266 MA's), (71, 821), (Start: 75 @836 has 3 MA's), (111, 1016), (115, 1028), (122, 1049), (130, 1091), (135, 1130), (144, 1148),

Gene: Rohr_3 Start: 1163, Stop: 1597, Start Num: 58

Candidate Starts for Rohr_3:

(Start: 58 @1163 has 193 MA's), (Start: 80 @1256 has 2 MA's), (115, 1430), (122, 1451), (132, 1505), (136, 1541), (140, 1550),

Gene: Roksolana_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Roksolana_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Romney_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Romney_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Roosevelt_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Roosevelt_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Rosalind_5 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for Rosalind_5:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: Rubeus_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for Rubeus_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: Rufus_3 Start: 1078, Stop: 1518, Start Num: 58

Candidate Starts for Rufus_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1177 has 2 MA's), (115, 1351), (122, 1372), (132, 1426), (136, 1462), (140, 1471),

Gene: Ruin_2 Start: 802, Stop: 1233, Start Num: 60

Candidate Starts for Ruin_2:

(Start: 60 @802 has 266 MA's), (Start: 80 @898 has 2 MA's), (93, 949), (100, 1018), (122, 1093), (123, 1096), (126, 1111), (130, 1135), (135, 1174), (144, 1192), (146, 1207),

Gene: Rummer_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for Rummer_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Ruotula_3 Start: 1660, Stop: 2100, Start Num: 58

Candidate Starts for Ruotula_3:

(Start: 58 @1660 has 193 MA's), (Start: 80 @1759 has 2 MA's), (115, 1933), (122, 1954), (132, 2008), (136, 2044), (140, 2053),

Gene: Rusticus_6 Start: 2116, Stop: 2541, Start Num: 63

Candidate Starts for Rusticus_6:

(32, 2032), (43, 2080), (Start: 63 @2116 has 29 MA's), (79, 2203), (Start: 80 @2206 has 2 MA's), (115, 2386),

Gene: Rutherferd_3 Start: 1093, Stop: 1527, Start Num: 58

Candidate Starts for Rutherferd_3:

(Start: 41 @1054 has 1 MA's), (Start: 58 @1093 has 193 MA's), (Start: 80 @1186 has 2 MA's), (115, 1360), (122, 1381), (132, 1435), (136, 1471), (140, 1480),

Gene: STLscum_4 Start: 1351, Stop: 1785, Start Num: 58

Candidate Starts for STLscum_4:

(Start: 58 @1351 has 193 MA's), (Start: 80 @1444 has 2 MA's), (115, 1618), (122, 1639), (132, 1693), (136, 1729), (140, 1738),

Gene: Sabertooth_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Sabertooth_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Sabia_2 Start: 851, Stop: 1276, Start Num: 53

Candidate Starts for Sabia_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Sabinator_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Sabinator_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Saftant_5 Start: 2088, Stop: 2516, Start Num: 63

Candidate Starts for Saftant_5:

(Start: 63 @2088 has 29 MA's), (76, 2163), (Start: 80 @2178 has 2 MA's), (115, 2358), (137, 2469),

Gene: Sagefire_4 Start: 1231, Stop: 1671, Start Num: 58

Candidate Starts for Sagefire_4:

(Start: 58 @1231 has 193 MA's), (Start: 80 @1330 has 2 MA's), (115, 1504), (122, 1525), (132, 1579), (136, 1615), (140, 1624),

Gene: Saintus_2 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for Saintus_2:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (105, 1077), (114, 1104),

Gene: Salz_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Salz_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: SarFire_3 Start: 1088, Stop: 1522, Start Num: 58

Candidate Starts for SarFire_3:

(Start: 58 @1088 has 193 MA's), (Start: 80 @1181 has 2 MA's), (115, 1355), (122, 1376), (132, 1430), (136, 1466), (140, 1475),

Gene: SarahRose_5 Start: 1930, Stop: 2355, Start Num: 63

Candidate Starts for SarahRose_5:

(21, 1780), (Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: SaturnRing_1 Start: 759, Stop: 1187, Start Num: 60

Candidate Starts for SaturnRing_1:

(Start: 60 @759 has 266 MA's), (Start: 75 @837 has 3 MA's), (119, 1041), (122, 1050), (130, 1092), (135, 1131), (144, 1149),

Gene: Scamp_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Scamp_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Scherzo_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Scherzo_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Scorpia_2 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Scorpia_2:

(Start: 59 @840 has 41 MA's), (82, 939), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Scout_2 Start: 754, Stop: 1182, Start Num: 60

Candidate Starts for Scout_2:

(Start: 39 @709 has 2 MA's), (Start: 60 @754 has 266 MA's), (Start: 75 @832 has 3 MA's), (111, 1012), (115, 1024), (122, 1045), (130, 1087), (144, 1144),

Gene: Scowl_4 Start: 1451, Stop: 1891, Start Num: 58

Candidate Starts for Scowl_4:

(Start: 58 @1451 has 193 MA's), (Start: 80 @1550 has 2 MA's), (115, 1724), (122, 1745), (132, 1799), (136, 1835), (140, 1844),

Gene: Seabiscuit_3 Start: 1080, Stop: 1514, Start Num: 58

Candidate Starts for Seabiscuit_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1173 has 2 MA's), (115, 1347), (122, 1368), (132, 1422), (136, 1458), (140, 1467),

Gene: Seanderson_4 Start: 1605, Stop: 2045, Start Num: 58

Candidate Starts for Seanderson_4:

(15, 1416), (27, 1494), (37, 1551), (38, 1554), (Start: 58 @1605 has 193 MA's), (Start: 80 @1704 has 2 MA's), (115, 1878), (122, 1899), (132, 1953), (136, 1989), (140, 1998),

Gene: SemperFi_6 Start: 2898, Stop: 3368, Start Num: 62

Candidate Starts for SemperFi_6:

(Start: 62 @2898 has 187 MA's), (77, 2982), (86, 3018), (93, 3057), (97, 3087), (112, 3183), (114, 3192), (122, 3216), (139, 3315), (144, 3324),

Gene: Serenity_5 Start: 2661, Stop: 3128, Start Num: 62

Candidate Starts for Serenity_5:

(Start: 62 @2661 has 187 MA's), (77, 2745), (Start: 80 @2757 has 2 MA's), (84, 2772), (93, 2820), (97, 2850), (98, 2880), (112, 2946), (114, 2955), (122, 2979), (144, 3087),

Gene: Severus_2 Start: 805, Stop: 1236, Start Num: 60

Candidate Starts for Severus_2:

(Start: 60 @805 has 266 MA's), (76, 886), (91, 943), (115, 1075), (119, 1087), (122, 1096), (139, 1186), (144, 1195),

Gene: Shaka_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Shaka_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: ShakeltOph_1 Start: 132, Stop: 560, Start Num: 62

Candidate Starts for ShakeltOph_1:

(Start: 62 @132 has 187 MA's), (116, 417), (142, 534),

Gene: Sham4_5 Start: 2692, Stop: 3156, Start Num: 62

Candidate Starts for Sham4_5:

(Start: 62 @2692 has 187 MA's), (77, 2776), (114, 2986), (122, 3010), (139, 3109), (144, 3118),

Gene: ShayRa_6 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for ShayRa_6:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (84, 2868), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: SheaKeira_5 Start: 2450, Stop: 2920, Start Num: 57

Candidate Starts for SheaKeira_5:

(Start: 57 @2450 has 69 MA's), (72, 2519), (77, 2534), (93, 2609), (112, 2735), (114, 2744), (122, 2768), (139, 2867), (144, 2876),

Gene: Sheen_2 Start: 732, Stop: 1166, Start Num: 59

Candidate Starts for Sheen_2:

(5, 489), (9, 510), (20, 585), (45, 696), (47, 705), (Start: 59 @732 has 41 MA's), (100, 951), (119, 1017), (122, 1026), (144, 1131),

Gene: SheldonCooper_2 Start: 801, Stop: 1232, Start Num: 60

Candidate Starts for SheldonCooper_2:

(Start: 60 @801 has 266 MA's), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (144, 1191), (146, 1206),

Gene: Shuman_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Shuman_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Shygu2_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Shygu2_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: Sibs6_4 Start: 1279, Stop: 1713, Start Num: 58

Candidate Starts for Sibs6_4:

(18, 1126), (24, 1153), (30, 1186), (Start: 58 @1279 has 193 MA's), (Start: 80 @1372 has 2 MA's), (115, 1546), (122, 1567), (132, 1621), (136, 1657), (140, 1666),

Gene: SkiPole_4 Start: 1351, Stop: 1785, Start Num: 58

Candidate Starts for SkiPole_4:

(Start: 58 @1351 has 193 MA's), (Start: 80 @1444 has 2 MA's), (115, 1618), (122, 1639), (132, 1693), (136, 1729), (140, 1738),

Gene: Skipitt_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Skipitt_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Slagathor_3 Start: 1081, Stop: 1521, Start Num: 58

Candidate Starts for Slagathor_3:

(Start: 58 @1081 has 193 MA's), (Start: 80 @1180 has 2 MA's), (115, 1354), (122, 1375), (132, 1429), (136, 1465), (140, 1474),

Gene: Smairt_3 Start: 1435, Stop: 1875, Start Num: 58

Candidate Starts for Smairt_3:

(15, 1246), (27, 1324), (37, 1381), (38, 1384), (Start: 58 @1435 has 193 MA's), (Start: 80 @1534 has 2 MA's), (115, 1708), (122, 1729), (132, 1783), (136, 1819), (140, 1828),

Gene: Smeadley_2 Start: 834, Stop: 1262, Start Num: 57

Candidate Starts for Smeadley_2:

(Start: 41 @795 has 1 MA's), (Start: 57 @834 has 69 MA's), (95, 993), (102, 1056), (114, 1104),

Gene: Smeagan_6 Start: 2886, Stop: 3356, Start Num: 62

Candidate Starts for Smeagan_6:

(Start: 62 @2886 has 187 MA's), (77, 2970), (Start: 80 @2982 has 2 MA's), (86, 3006), (93, 3045), (97, 3075), (112, 3171), (114, 3180), (122, 3204), (139, 3303), (144, 3312),

Gene: Smeagol_3 Start: 1436, Stop: 1876, Start Num: 58

Candidate Starts for Smeagol_3:

(15, 1247), (27, 1325), (37, 1382), (38, 1385), (Start: 58 @1436 has 193 MA's), (Start: 80 @1535 has 2 MA's), (115, 1709), (122, 1730), (132, 1784), (136, 1820), (140, 1829),

Gene: SmellyB_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for SmellyB_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: SnapTap_6 Start: 2904, Stop: 3374, Start Num: 62

Candidate Starts for SnapTap_6:

(3, 2646), (10, 2685), (16, 2718), (Start: 62 @2904 has 187 MA's), (77, 2988), (86, 3024), (93, 3063), (97, 3093), (112, 3189), (114, 3198), (122, 3222), (139, 3321), (144, 3330),

Gene: Snape_5 Start: 2695, Stop: 3159, Start Num: 62

Candidate Starts for Snape_5:

(Start: 62 @2695 has 187 MA's), (77, 2779), (114, 2989), (122, 3013), (139, 3112), (144, 3121),

Gene: Snazzy_2 Start: 926, Stop: 1366, Start Num: 58

Candidate Starts for Snazzy_2:

(Start: 58 @926 has 193 MA's), (Start: 80 @1025 has 2 MA's), (114, 1196), (115, 1199), (119, 1211), (122, 1220), (132, 1274), (136, 1310), (140, 1319),

Gene: Snickers_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Snickers_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Snorlax_5 Start: 1930, Stop: 2355, Start Num: 63
Candidate Starts for Snorlax_5:
(21, 1780), (Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: SoYo_2 Start: 856, Stop: 1275, Start Num: 60
Candidate Starts for SoYo_2:
(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919),
(Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: SoilDragon_2 Start: 856, Stop: 1275, Start Num: 60
Candidate Starts for SoilDragon_2:
(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919),
(Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Solon_2 Start: 929, Stop: 1369, Start Num: 58
Candidate Starts for Solon_2:
(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (115, 1202), (122, 1223), (132, 1277),
(136, 1313), (140, 1322),

Gene: Soondubu_1 Start: 140, Stop: 571, Start Num: 62
Candidate Starts for Soondubu_1:
(Start: 62 @140 has 187 MA's), (147, 545), (149, 554),

Gene: SororFago_5 Start: 2731, Stop: 3204, Start Num: 56
Candidate Starts for SororFago_5:
(47, 2704), (Start: 56 @2731 has 3 MA's), (Start: 80 @2830 has 2 MA's), (84, 2845), (86, 2854), (93, 2893),
(97, 2923), (112, 3019), (114, 3028), (122, 3052),

Gene: Soshari_4 Start: 857, Stop: 1276, Start Num: 60
Candidate Starts for Soshari_4:
(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920),
(Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Soups_5 Start: 2757, Stop: 3212, Start Num: 62
Candidate Starts for Soups_5:
(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (93, 2916),
(114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: South40_6 Start: 2202, Stop: 2627, Start Num: 64
Candidate Starts for South40_6:
(Start: 52 @2193 has 25 MA's), (Start: 64 @2202 has 48 MA's), (Start: 80 @2292 has 2 MA's), (101, 2421),
(115, 2472),

Gene: Sparxx_2 Start: 803, Stop: 1234, Start Num: 60
Candidate Starts for Sparxx_2:
(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094),
(123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Spike509_2 Start: 875, Stop: 1276, Start Num: 65
Candidate Starts for Spike509_2:
(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920),
(Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: SpikeBT_3 Start: 1127, Stop: 1567, Start Num: 58

Candidate Starts for SpikeBT_3:

(18, 974), (24, 1001), (30, 1034), (Start: 58 @1127 has 193 MA's), (Start: 80 @1226 has 2 MA's), (115, 1400), (122, 1421), (132, 1475), (136, 1511), (140, 1520),

Gene: Spino_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Spino_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Spouty_4 Start: 2666, Stop: 3139, Start Num: 57

Candidate Starts for Spouty_4:

(16, 2480), (28, 2558), (Start: 57 @2666 has 69 MA's), (70, 2723), (84, 2780), (93, 2828), (97, 2858), (114, 2963), (122, 2987), (135, 3077), (139, 3086), (144, 3095),

Gene: SqueakyClean_6 Start: 2000, Stop: 2431, Start Num: 52

Candidate Starts for SqueakyClean_6:

(Start: 52 @2000 has 25 MA's), (Start: 80 @2096 has 2 MA's), (83, 2105), (102, 2228), (115, 2276), (126, 2315), (130, 2339), (148, 2423),

Gene: Squee_2 Start: 937, Stop: 1377, Start Num: 58

Candidate Starts for Squee_2:

(Start: 58 @937 has 193 MA's), (Start: 80 @1036 has 2 MA's), (115, 1210), (122, 1231), (132, 1285), (136, 1321), (140, 1330),

Gene: StCroix_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for StCroix_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Stagni_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for Stagni_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: StarStuff_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for StarStuff_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: Stasia_2 Start: 809, Stop: 1237, Start Num: 60

Candidate Starts for Stasia_2:

(Start: 60 @809 has 266 MA's), (Start: 80 @905 has 2 MA's), (93, 956), (100, 1025), (122, 1100), (123, 1103), (126, 1118), (130, 1142), (139, 1190), (144, 1199), (146, 1214),

Gene: Steamy_5 Start: 2555, Stop: 3034, Start Num: 57

Candidate Starts for Steamy_5:

(Start: 57 @2555 has 69 MA's), (93, 2717), (114, 2852), (122, 2876), (126, 2894), (139, 2975),

Gene: StepMih_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for StepMih_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Stephig9_2 Start: 796, Stop: 1263, Start Num: 41

Candidate Starts for Stephig9_2:

(Start: 41 @796 has 1 MA's), (Start: 57 @835 has 69 MA's), (95, 994), (102, 1057), (105, 1078), (114, 1105),

Gene: StewieG_2 Start: 928, Stop: 1368, Start Num: 58

Candidate Starts for StewieG_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1027 has 2 MA's), (114, 1198), (115, 1201), (119, 1213), (122, 1222), (132, 1276), (136, 1312), (140, 1321),

Gene: Stink_1 Start: 801, Stop: 1229, Start Num: 60

Candidate Starts for Stink_1:

(Start: 60 @801 has 266 MA's), (77, 885), (Start: 80 @897 has 2 MA's), (93, 948), (100, 1017), (122, 1092), (123, 1095), (126, 1110), (130, 1134), (135, 1173), (139, 1182), (144, 1191), (146, 1206),

Gene: StrongArm_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for StrongArm_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: Strosahl_5 Start: 2610, Stop: 3065, Start Num: 62

Candidate Starts for Strosahl_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: SuMoo_1 Start: 124, Stop: 603, Start Num: 64

Candidate Starts for SuMoo_1:

(36, 58), (44, 79), (Start: 64 @124 has 48 MA's), (Start: 66 @145 has 1 MA's), (105, 373), (129, 457), (143, 526),

Gene: Success_49 Start: 25367, Stop: 25792, Start Num: 62

Candidate Starts for Success_49:

(Start: 62 @25367 has 187 MA's), (69, 25412), (72, 25433), (99, 25568), (103, 25586), (113, 25619), (127, 25664), (131, 25688), (141, 25748), (143, 25754),

Gene: Sue2_1 Start: 75, Stop: 542, Start Num: 61

Candidate Starts for Sue2_1:

(34, 12), (Start: 61 @75 has 1 MA's), (Start: 66 @102 has 1 MA's), (96, 249), (107, 342), (147, 513), (149, 522),

Gene: Sujidade_6 Start: 2226, Stop: 2651, Start Num: 64

Candidate Starts for Sujidade_6:

(Start: 52 @2217 has 25 MA's), (Start: 64 @2226 has 48 MA's), (Start: 80 @2316 has 2 MA's), (95, 2385), (115, 2496),

Gene: Sumter_3 Start: 1095, Stop: 1529, Start Num: 58

Candidate Starts for Sumter_3:

(Start: 41 @1056 has 1 MA's), (Start: 58 @1095 has 193 MA's), (Start: 65 @1107 has 6 MA's), (Start: 80 @1188 has 2 MA's), (115, 1362), (122, 1383), (132, 1437), (136, 1473), (140, 1482),

Gene: SunsetPointe_5 Start: 1955, Stop: 2380, Start Num: 64
Candidate Starts for SunsetPointe_5:
(Start: 52 @1946 has 25 MA's), (Start: 64 @1955 has 48 MA's), (79, 2042), (Start: 80 @2045 has 2 MA's), (115, 2225),

Gene: Sunshine924_2 Start: 926, Stop: 1360, Start Num: 58
Candidate Starts for Sunshine924_2:
(Start: 58 @926 has 193 MA's), (Start: 65 @938 has 6 MA's), (Start: 80 @1019 has 2 MA's), (115, 1193), (122, 1214), (132, 1268), (136, 1304), (140, 1313),

Gene: SuperAwesome_5 Start: 2482, Stop: 2952, Start Num: 62
Candidate Starts for SuperAwesome_5:
(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: SuperCallie99_5 Start: 2483, Stop: 2953, Start Num: 62
Candidate Starts for SuperCallie99_5:
(Start: 62 @2483 has 187 MA's), (77, 2570), (Start: 80 @2582 has 2 MA's), (93, 2645), (97, 2675), (100, 2714), (103, 2726), (114, 2780), (122, 2804), (144, 2915),

Gene: Superchunk_5 Start: 2488, Stop: 2952, Start Num: 62
Candidate Starts for Superchunk_5:
(Start: 62 @2488 has 187 MA's), (77, 2572), (Start: 80 @2584 has 2 MA's), (86, 2608), (93, 2647), (114, 2782), (122, 2806), (123, 2809), (135, 2899), (139, 2908), (144, 2917),

Gene: Superstar_6 Start: 2556, Stop: 2990, Start Num: 52
Candidate Starts for Superstar_6:
(Start: 52 @2556 has 25 MA's), (Start: 80 @2652 has 2 MA's), (115, 2832), (126, 2871), (130, 2895),

Gene: Swann_3 Start: 1017, Stop: 1439, Start Num: 60
Candidate Starts for Swann_3:
(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: SweetiePie_6 Start: 2904, Stop: 3374, Start Num: 62
Candidate Starts for SweetiePie_6:
(Start: 62 @2904 has 187 MA's), (77, 2988), (86, 3024), (93, 3063), (97, 3093), (112, 3189), (114, 3198), (122, 3222), (139, 3321), (144, 3330),

Gene: SwirlSquare_6 Start: 2486, Stop: 2950, Start Num: 62
Candidate Starts for SwirlSquare_6:
(Start: 62 @2486 has 187 MA's), (77, 2570), (Start: 80 @2582 has 2 MA's), (86, 2606), (93, 2645), (114, 2780), (122, 2804), (123, 2807), (125, 2819), (135, 2897), (139, 2906), (144, 2915),

Gene: Swirley_2 Start: 840, Stop: 1289, Start Num: 59
Candidate Starts for Swirley_2:
(10, 624), (13, 639), (14, 642), (16, 657), (17, 663), (19, 687), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: SwissCheese_2 Start: 927, Stop: 1361, Start Num: 58
Candidate Starts for SwissCheese_2:
(Start: 58 @927 has 193 MA's), (Start: 80 @1020 has 2 MA's), (115, 1194), (122, 1215), (132, 1269), (136, 1305), (140, 1314),

Gene: Switzer_3 Start: 1078, Stop: 1512, Start Num: 58

Candidate Starts for Switzer_3:

(Start: 58 @1078 has 193 MA's), (Start: 80 @1171 has 2 MA's), (115, 1345), (122, 1366), (132, 1420), (136, 1456), (140, 1465),

Gene: Switzerland_5 Start: 2757, Stop: 3212, Start Num: 62

Candidate Starts for Switzerland_5:

(4, 2511), (5, 2517), (Start: 52 @2751 has 25 MA's), (Start: 62 @2757 has 187 MA's), (93, 2916), (114, 3051), (122, 3075), (123, 3078), (139, 3174),

Gene: Swole_4 Start: 1366, Stop: 1806, Start Num: 58

Candidate Starts for Swole_4:

(Start: 58 @1366 has 193 MA's), (Start: 80 @1465 has 2 MA's), (115, 1639), (122, 1660), (132, 1714), (136, 1750), (140, 1759),

Gene: SydNat_2 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for SydNat_2:

(10, 624), (13, 639), (16, 657), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: TNguyen7_2 Start: 757, Stop: 1185, Start Num: 60

Candidate Starts for TNguyen7_2:

(Start: 60 @757 has 266 MA's), (Start: 75 @835 has 3 MA's), (119, 1039), (122, 1048), (130, 1090), (135, 1129), (144, 1147),

Gene: TWAMP_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for TWAMP_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: TAgePighther_6 Start: 1930, Stop: 2355, Start Num: 63

Candidate Starts for TAgePighther_6:

(21, 1780), (Start: 63 @1930 has 29 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: Takoda_3 Start: 1010, Stop: 1432, Start Num: 60

Candidate Starts for Takoda_3:

(Start: 60 @1010 has 266 MA's), (84, 1121), (90, 1145), (93, 1157), (119, 1292), (135, 1382), (144, 1400), (146, 1415),

Gene: Tallboi_1 Start: 85, Stop: 537, Start Num: 62

Candidate Starts for Tallboi_1:

(Start: 62 @85 has 187 MA's), (147, 511),

Gene: Taquarus_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Taquarus_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Target_3 Start: 1182, Stop: 1616, Start Num: 58

Candidate Starts for Target_3:

(Start: 58 @1182 has 193 MA's), (Start: 80 @1275 has 2 MA's), (115, 1449), (122, 1470), (132, 1524), (136, 1560), (140, 1569),

Gene: TarsusIV_6 Start: 2898, Stop: 3374, Start Num: 57

Candidate Starts for TarsusIV_6:

(Start: 57 @2898 has 69 MA's), (77, 2985), (Start: 80 @2997 has 2 MA's), (86, 3021), (93, 3060), (108, 3174), (114, 3195), (122, 3219), (137, 3312), (139, 3318), (144, 3327),

Gene: Tarynearal_1 Start: 869, Stop: 1318, Start Num: 59

Candidate Starts for Tarynearal_1:

(10, 653), (13, 668), (14, 671), (16, 686), (17, 692), (19, 716), (47, 839), (Start: 59 @869 has 41 MA's), (Start: 80 @962 has 2 MA's), (82, 968), (86, 986), (95, 1037), (114, 1160), (122, 1184), (125, 1199),

Gene: Tasp14_3 Start: 1101, Stop: 1535, Start Num: 58

Candidate Starts for Tasp14_3:

(Start: 58 @1101 has 193 MA's), (Start: 80 @1194 has 2 MA's), (115, 1368), (122, 1389), (132, 1443), (136, 1479), (140, 1488),

Gene: Taurus_2 Start: 850, Stop: 1275, Start Num: 53

Candidate Starts for Taurus_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: Tefunt_5 Start: 1727, Stop: 2161, Start Num: 52

Candidate Starts for Tefunt_5:

(Start: 52 @1727 has 25 MA's), (Start: 80 @1823 has 2 MA's), (115, 2003), (126, 2042), (130, 2066),

Gene: Teodoridan_2 Start: 931, Stop: 1371, Start Num: 58

Candidate Starts for Teodoridan_2:

(Start: 58 @931 has 193 MA's), (Start: 80 @1030 has 2 MA's), (115, 1204), (122, 1225), (132, 1279), (136, 1315), (140, 1324),

Gene: Texage_1 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Texage_1:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Thanksgivukkah_2 Start: 804, Stop: 1235, Start Num: 60

Candidate Starts for Thanksgivukkah_2:

(Start: 60 @804 has 266 MA's), (Start: 80 @900 has 2 MA's), (93, 951), (100, 1020), (122, 1095), (123, 1098), (126, 1113), (130, 1137), (135, 1176), (144, 1194), (146, 1209),

Gene: Theia_1 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Theia_1:

(6, 600), (10, 624), (13, 639), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: TheloniousMonk_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for TheloniousMonk_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (114, 1349), (115, 1352), (119, 1364), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: Thestral_6 Start: 1799, Stop: 2230, Start Num: 52

Candidate Starts for Thestral_6:

(Start: 52 @1799 has 25 MA's), (Start: 80 @1895 has 2 MA's), (83, 1904), (102, 2027), (115, 2075), (126, 2114), (130, 2138), (148, 2222),

Gene: Thor_3 Start: 1088, Stop: 1522, Start Num: 58

Candidate Starts for Thor_3:

(Start: 58 @1088 has 193 MA's), (Start: 80 @1181 has 2 MA's), (115, 1355), (122, 1376), (132, 1430), (136, 1466), (140, 1475),

Gene: Tian_1 Start: 84, Stop: 536, Start Num: 61

Candidate Starts for Tian_1:

(34, 12), (48, 54), (Start: 61 @84 has 1 MA's), (134, 471), (147, 510),

Gene: Tiffany_2 Start: 851, Stop: 1276, Start Num: 53

Candidate Starts for Tiffany_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Tiger_2 Start: 871, Stop: 1320, Start Num: 59

Candidate Starts for Tiger_2:

(10, 655), (13, 670), (14, 673), (16, 688), (17, 694), (19, 718), (47, 841), (Start: 59 @871 has 41 MA's), (Start: 80 @964 has 2 MA's), (82, 970), (86, 988), (95, 1039), (114, 1162), (122, 1186), (125, 1201),

Gene: Timothy_5 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for Timothy_5:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Timshel_2 Start: 743, Stop: 1177, Start Num: 59

Candidate Starts for Timshel_2:

(Start: 59 @743 has 41 MA's), (Start: 75 @821 has 3 MA's), (77, 827), (Start: 80 @842 has 2 MA's), (84, 857), (93, 893), (98, 953), (100, 962), (122, 1037), (126, 1055), (130, 1079), (144, 1136),

Gene: TinaBelcher_5 Start: 1750, Stop: 2181, Start Num: 52

Candidate Starts for TinaBelcher_5:

(Start: 52 @1750 has 25 MA's), (Start: 80 @1846 has 2 MA's), (83, 1855), (102, 1978), (115, 2026), (126, 2065), (130, 2089), (148, 2173),

Gene: TinaFeyge_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for TinaFeyge_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: TinyTimmy_4 Start: 2689, Stop: 3153, Start Num: 62

Candidate Starts for TinyTimmy_4:

(Start: 62 @2689 has 187 MA's), (77, 2773), (114, 2983), (122, 3007), (139, 3106), (144, 3115),

Gene: Tinybot_1 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Tinybot_1:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: TipsytheTRex_5 Start: 2659, Stop: 3126, Start Num: 62

Candidate Starts for TipsytheTRex_5:

(Start: 62 @2659 has 187 MA's), (77, 2743), (Start: 80 @2755 has 2 MA's), (84, 2770), (93, 2818), (97, 2848), (98, 2878), (112, 2944), (114, 2953), (122, 2977), (124, 2989), (139, 3076), (144, 3085),

Gene: TiroTheta9_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for TiroTheta9_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Toaka_5 Start: 2723, Stop: 3196, Start Num: 57

Candidate Starts for Toaka_5:

(Start: 57 @2723 has 69 MA's), (Start: 80 @2822 has 2 MA's), (93, 2885), (112, 3011), (114, 3020), (122, 3044), (139, 3143),

Gene: Todacoro_2 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Todacoro_2:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Toma_5 Start: 1931, Stop: 2356, Start Num: 64

Candidate Starts for Toma_5:

(Start: 52 @1922 has 25 MA's), (Start: 64 @1931 has 48 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Tomathan_5 Start: 2677, Stop: 3144, Start Num: 62

Candidate Starts for Tomathan_5:

(Start: 52 @2671 has 25 MA's), (Start: 62 @2677 has 187 MA's), (77, 2761), (Start: 80 @2773 has 2 MA's), (86, 2797), (88, 2806), (93, 2836), (97, 2866), (114, 2971), (122, 2995), (139, 3094), (144, 3103),

Gene: ToneTone_4 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for ToneTone_4:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Topanga_2 Start: 850, Stop: 1281, Start Num: 60

Candidate Starts for Topanga_2:

(Start: 57 @847 has 69 MA's), (Start: 60 @850 has 266 MA's), (76, 931), (Start: 80 @946 has 2 MA's), (84, 961), (91, 988), (115, 1120), (119, 1132), (122, 1141), (130, 1183), (139, 1231), (144, 1240),

Gene: Topgun_3 Start: 1130, Stop: 1564, Start Num: 58

Candidate Starts for Topgun_3:

(Start: 58 @1130 has 193 MA's), (Start: 80 @1223 has 2 MA's), (115, 1397), (122, 1418), (132, 1472), (136, 1508), (140, 1517),

Gene: Tote_4 Start: 1366, Stop: 1806, Start Num: 58

Candidate Starts for Tote_4:

(Start: 58 @1366 has 193 MA's), (Start: 80 @1465 has 2 MA's), (115, 1639), (122, 1660), (132, 1714), (136, 1750), (140, 1759),

Gene: TouchMeNot_2 Start: 799, Stop: 1230, Start Num: 64

Candidate Starts for TouchMeNot_2:

(Start: 64 @799 has 48 MA's), (83, 895), (106, 1039), (115, 1069), (116, 1072), (118, 1078), (125, 1105), (146, 1216),

Gene: Traft412_5 Start: 1776, Stop: 2216, Start Num: 58

Candidate Starts for Traft412_5:

(18, 1623), (24, 1650), (30, 1683), (Start: 58 @1776 has 193 MA's), (Start: 80 @1875 has 2 MA's), (115, 2049), (122, 2070), (132, 2124), (136, 2160), (140, 2169),

Gene: Treddle_3 Start: 1082, Stop: 1522, Start Num: 58

Candidate Starts for Treddle_3:

(Start: 58 @1082 has 193 MA's), (Start: 80 @1181 has 2 MA's), (115, 1355), (122, 1376), (132, 1430), (136, 1466), (140, 1475),

Gene: Trike_1 Start: 804, Stop: 1235, Start Num: 60

Candidate Starts for Trike_1:

(Start: 60 @804 has 266 MA's), (76, 885), (91, 942), (115, 1074), (119, 1086), (122, 1095), (139, 1185), (144, 1194),

Gene: Tripl3t_3 Start: 1126, Stop: 1566, Start Num: 58

Candidate Starts for Tripl3t_3:

(Start: 58 @1126 has 193 MA's), (Start: 80 @1225 has 2 MA's), (115, 1399), (122, 1420), (132, 1474), (136, 1510), (140, 1519),

Gene: Triste_5 Start: 1931, Stop: 2356, Start Num: 63

Candidate Starts for Triste_5:

(21, 1781), (Start: 63 @1931 has 29 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Triumph_6 Start: 1726, Stop: 2160, Start Num: 52

Candidate Starts for Triumph_6:

(Start: 52 @1726 has 25 MA's), (Start: 80 @1822 has 2 MA's), (104, 1963), (115, 2002), (130, 2065),

Gene: Trixie_5 Start: 2759, Stop: 3229, Start Num: 62

Candidate Starts for Trixie_5:

(23, 2621), (Start: 62 @2759 has 187 MA's), (77, 2843), (Start: 80 @2855 has 2 MA's), (93, 2918), (100, 2987), (103, 2999), (112, 3044), (114, 3053), (122, 3077), (139, 3176), (144, 3185),

Gene: Trooper_6 Start: 2701, Stop: 3177, Start Num: 57

Candidate Starts for Trooper_6:

(12, 2494), (16, 2521), (Start: 57 @2701 has 69 MA's), (77, 2788), (Start: 80 @2800 has 2 MA's), (86, 2824), (93, 2863), (108, 2977), (114, 2998), (122, 3022), (139, 3121), (144, 3130),

Gene: Trouble_2 Start: 928, Stop: 1362, Start Num: 58

Candidate Starts for Trouble_2:

(Start: 58 @928 has 193 MA's), (Start: 80 @1021 has 2 MA's), (115, 1195), (122, 1216), (132, 1270), (136, 1306), (140, 1315),

Gene: TroyPia_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for TroyPia_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: TrvxScott_4 Start: 1751, Stop: 2182, Start Num: 52

Candidate Starts for TrvxScott_4:

(Start: 52 @1751 has 25 MA's), (Start: 80 @1847 has 2 MA's), (83, 1856), (102, 1979), (115, 2027), (126, 2066), (130, 2090), (148, 2174),

Gene: TuanPN_5 Start: 1934, Stop: 2359, Start Num: 64

Candidate Starts for TuanPN_5:

(Start: 49 @1916 has 1 MA's), (Start: 52 @1925 has 25 MA's), (Start: 64 @1934 has 48 MA's), (Start: 80 @2024 has 2 MA's), (115, 2204),

Gene: Tubs_5 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Tubs_5:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: Tuck_2 Start: 1145, Stop: 1597, Start Num: 62

Candidate Starts for Tuck_2:

(29, 1040), (Start: 62 @1145 has 187 MA's), (134, 1532), (142, 1550), (147, 1571),

Gene: Tucker_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Tucker_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Turab_1 Start: 85, Stop: 540, Start Num: 62

Candidate Starts for Turab_1:

(Start: 62 @85 has 187 MA's), (87, 214), (147, 511), (149, 520),

Gene: Turbido_6 Start: 2887, Stop: 3357, Start Num: 62

Candidate Starts for Turbido_6:

(Start: 62 @2887 has 187 MA's), (77, 2971), (Start: 80 @2983 has 2 MA's), (86, 3007), (93, 3046), (97, 3076), (112, 3172), (114, 3181), (122, 3205), (139, 3304), (144, 3313),

Gene: Turj99_2 Start: 929, Stop: 1369, Start Num: 58

Candidate Starts for Turj99_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (115, 1202), (122, 1223), (132, 1277), (136, 1313), (140, 1322),

Gene: Twister_2 Start: 796, Stop: 1227, Start Num: 60

Candidate Starts for Twister_2:

(Start: 57 @793 has 69 MA's), (Start: 60 @796 has 266 MA's), (76, 877), (84, 907), (91, 934), (115, 1066), (119, 1078), (122, 1087), (139, 1177), (144, 1186),

Gene: TwoPeat_2 Start: 1165, Stop: 1599, Start Num: 58

Candidate Starts for TwoPeat_2:

(Start: 58 @1165 has 193 MA's), (Start: 80 @1258 has 2 MA's), (115, 1432), (122, 1453), (132, 1507), (136, 1543), (140, 1552),

Gene: TygerBlood_2 Start: 805, Stop: 1236, Start Num: 60

Candidate Starts for TygerBlood_2:

(Start: 60 @805 has 266 MA's), (Start: 80 @901 has 2 MA's), (93, 952), (100, 1021), (122, 1096), (123, 1099), (126, 1114), (130, 1138), (135, 1177), (144, 1195), (146, 1210),

Gene: U2_3 Start: 1080, Stop: 1514, Start Num: 58

Candidate Starts for U2_3:

(Start: 58 @1080 has 193 MA's), (Start: 80 @1173 has 2 MA's), (115, 1347), (122, 1368), (132, 1422), (136, 1458), (140, 1467),

Gene: Ugenie5_3 Start: 2669, Stop: 3142, Start Num: 57

Candidate Starts for Ugenie5_3:

(16, 2483), (28, 2561), (Start: 57 @2669 has 69 MA's), (70, 2726), (84, 2783), (93, 2831), (97, 2861), (114, 2966), (122, 2990), (139, 3089), (144, 3098),

Gene: UhSalsa_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for UhSalsa_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Ulysses_2 Start: 804, Stop: 1235, Start Num: 60

Candidate Starts for Ulysses_2:

(Start: 60 @804 has 266 MA's), (Start: 80 @900 has 2 MA's), (93, 951), (100, 1020), (122, 1095), (123, 1098), (126, 1113), (130, 1137), (135, 1176), (144, 1194), (146, 1209),

Gene: UnionJack_2 Start: 837, Stop: 1286, Start Num: 59

Candidate Starts for UnionJack_2:

(2, 576), (10, 621), (13, 636), (14, 639), (16, 654), (17, 660), (19, 684), (28, 732), (47, 807), (Start: 59 @837 has 41 MA's), (82, 936), (95, 1005), (114, 1128), (122, 1152), (125, 1167),

Gene: Unstoppable_5 Start: 1956, Stop: 2381, Start Num: 64

Candidate Starts for Unstoppable_5:

(Start: 52 @1947 has 25 MA's), (Start: 64 @1956 has 48 MA's), (79, 2043), (Start: 80 @2046 has 2 MA's), (102, 2178), (115, 2226),

Gene: Updawg_6 Start: 2959, Stop: 3429, Start Num: 62

Candidate Starts for Updawg_6:

(Start: 62 @2959 has 187 MA's), (77, 3043), (Start: 80 @3055 has 2 MA's), (86, 3079), (93, 3118), (97, 3148), (112, 3244), (114, 3253), (122, 3277), (139, 3376), (144, 3385),

Gene: Urza_5 Start: 2126, Stop: 2560, Start Num: 57

Candidate Starts for Urza_5:

(Start: 57 @2126 has 69 MA's), (76, 2207), (84, 2237), (110, 2387), (115, 2402), (137, 2513), (138, 2516),

Gene: UtzChips_1 Start: 114, Stop: 596, Start Num: 64

Candidate Starts for UtzChips_1:

(Start: 60 @108 has 266 MA's), (Start: 64 @114 has 48 MA's), (105, 363), (129, 447), (143, 519),

Gene: VA6_5 Start: 2800, Stop: 3270, Start Num: 62

Candidate Starts for VA6_5:

(Start: 62 @2800 has 187 MA's), (77, 2884), (86, 2920), (93, 2959), (97, 2989), (112, 3085), (114, 3094), (122, 3118), (139, 3217), (144, 3226),

Gene: VC3_5 Start: 2676, Stop: 3143, Start Num: 62

Candidate Starts for VC3_5:

(Start: 52 @2670 has 25 MA's), (Start: 62 @2676 has 187 MA's), (77, 2760), (Start: 80 @2772 has 2 MA's), (91, 2826), (93, 2835), (114, 2970), (122, 2994), (130, 3036), (135, 3084), (144, 3102),

Gene: Vanisoa_5 Start: 2435, Stop: 2908, Start Num: 57

Candidate Starts for Vanisoa_5:

(Start: 57 @2435 has 69 MA's), (Start: 80 @2534 has 2 MA's), (93, 2597), (112, 2723), (114, 2732), (122, 2756), (139, 2855),

Gene: Vanseggelen_8 Start: 1678, Stop: 2106, Start Num: 64

Candidate Starts for Vanseggelen_8:

(Start: 52 @1669 has 25 MA's), (Start: 64 @1678 has 48 MA's), (76, 1753), (79, 1765), (Start: 80 @1768 has 2 MA's), (115, 1948), (124, 1981), (126, 1987), (137, 2059), (138, 2062), (146, 2089),

Gene: Verabelle_6 Start: 2045, Stop: 2473, Start Num: 63

Candidate Starts for Verabelle_6:

(Start: 63 @2045 has 29 MA's), (76, 2120), (Start: 80 @2135 has 2 MA's), (104, 2276), (115, 2315),

Gene: Veracruz_1 Start: 784, Stop: 1212, Start Num: 60

Candidate Starts for Veracruz_1:

(Start: 60 @784 has 266 MA's), (Start: 75 @862 has 3 MA's), (100, 1000), (122, 1075), (130, 1117), (135, 1156), (144, 1174),

Gene: Verse_5 Start: 2125, Stop: 2553, Start Num: 63

Candidate Starts for Verse_5:

(Start: 63 @2125 has 29 MA's), (76, 2200), (Start: 80 @2215 has 2 MA's), (115, 2395), (137, 2506), (138, 2509),

Gene: VieEnRose_5 Start: 2200, Stop: 2634, Start Num: 57

Candidate Starts for VieEnRose_5:

(Start: 57 @2200 has 69 MA's), (76, 2281), (84, 2311), (110, 2461), (115, 2476), (132, 2551), (137, 2587), (138, 2590),

Gene: Violet_3 Start: 1079, Stop: 1519, Start Num: 58

Candidate Starts for Violet_3:

(Start: 58 @1079 has 193 MA's), (Start: 80 @1178 has 2 MA's), (115, 1352), (122, 1373), (132, 1427), (136, 1463), (140, 1472),

Gene: Vix_2 Start: 874, Stop: 1275, Start Num: 65

Candidate Starts for Vix_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: VohminGhazi_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for VohminGhazi_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Waits_5 Start: 2610, Stop: 3068, Start Num: 62

Candidate Starts for Waits_5:

(4, 2364), (5, 2370), (Start: 52 @2604 has 25 MA's), (Start: 62 @2610 has 187 MA's), (93, 2769), (114, 2904), (122, 2928), (123, 2931), (139, 3027),

Gene: WalterMcMickey_2 Start: 796, Stop: 1227, Start Num: 60

Candidate Starts for WalterMcMickey_2:

(Start: 57 @793 has 69 MA's), (Start: 60 @796 has 266 MA's), (76, 877), (84, 907), (91, 934), (115, 1066), (119, 1078), (122, 1087), (139, 1177), (144, 1186),

Gene: Wander_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Wander_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Watermelon_4 Start: 1201, Stop: 1641, Start Num: 58

Candidate Starts for Watermelon_4:

(Start: 58 @1201 has 193 MA's), (Start: 80 @1300 has 2 MA's), (115, 1474), (122, 1495), (132, 1549), (136, 1585), (140, 1594),

Gene: Watson_2 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Watson_2:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: WeiHuaDA_6 Start: 2892, Stop: 3362, Start Num: 62

Candidate Starts for WeiHuaDA_6:

(3, 2637), (10, 2676), (16, 2709), (Start: 62 @2892 has 187 MA's), (77, 2976), (Start: 80 @2988 has 2 MA's), (93, 3051), (97, 3081), (112, 3177), (114, 3186), (122, 3210), (139, 3309), (144, 3318),

Gene: Werner_5 Start: 1931, Stop: 2356, Start Num: 63

Candidate Starts for Werner_5:

(21, 1781), (Start: 63 @1931 has 29 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Whabigail7_6 Start: 2884, Stop: 3354, Start Num: 62

Candidate Starts for Whabigail7_6:

(Start: 62 @2884 has 187 MA's), (77, 2968), (Start: 80 @2980 has 2 MA's), (86, 3004), (93, 3043), (97, 3073), (112, 3169), (114, 3178), (122, 3202), (139, 3301), (144, 3310),

Gene: Whatever_5 Start: 1931, Stop: 2356, Start Num: 63

Candidate Starts for Whatever_5:

(21, 1781), (Start: 63 @1931 has 29 MA's), (Start: 80 @2021 has 2 MA's), (95, 2090), (115, 2201),

Gene: Wheeler_3 Start: 1164, Stop: 1598, Start Num: 58

Candidate Starts for Wheeler_3:

(Start: 58 @1164 has 193 MA's), (Start: 80 @1257 has 2 MA's), (114, 1428), (115, 1431), (119, 1443), (122, 1452), (132, 1506), (136, 1542), (140, 1551),

Gene: WideWale_6 Start: 2959, Stop: 3429, Start Num: 62

Candidate Starts for WideWale_6:

(Start: 62 @2959 has 187 MA's), (77, 3043), (Start: 80 @3055 has 2 MA's), (86, 3079), (93, 3118), (97, 3148), (112, 3244), (114, 3253), (122, 3277), (139, 3376), (144, 3385),

Gene: Wiks_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Wiks_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Wilbur_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for Wilbur_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Wildwest_2 Start: 1032, Stop: 1481, Start Num: 62

Candidate Starts for Wildwest_2:

(14, 825), (Start: 62 @1032 has 187 MA's), (98, 1248), (147, 1455), (149, 1464),

Gene: Wile_2 Start: 808, Stop: 1236, Start Num: 60

Candidate Starts for Wile_2:

(Start: 60 @808 has 266 MA's), (77, 892), (Start: 80 @904 has 2 MA's), (93, 955), (100, 1024), (122, 1099), (123, 1102), (126, 1117), (130, 1141), (139, 1189), (144, 1198), (146, 1213),

Gene: Wilkins_3 Start: 1130, Stop: 1564, Start Num: 58

Candidate Starts for Wilkins_3:

(Start: 58 @1130 has 193 MA's), (Start: 80 @1223 has 2 MA's), (115, 1397), (122, 1418), (132, 1472), (136, 1508), (140, 1517),

Gene: Wizard007_2 Start: 805, Stop: 1236, Start Num: 60

Candidate Starts for Wizard007_2:

(Start: 60 @805 has 266 MA's), (Start: 80 @901 has 2 MA's), (93, 952), (100, 1021), (122, 1096), (123, 1099), (126, 1114), (130, 1138), (135, 1177), (144, 1195), (146, 1210),

Gene: Wooldri_4 Start: 856, Stop: 1275, Start Num: 60

Candidate Starts for Wooldri_4:

(Start: 53 @850 has 20 MA's), (Start: 60 @856 has 266 MA's), (Start: 65 @874 has 6 MA's), (71, 919), (Start: 80 @952 has 2 MA's), (122, 1147), (139, 1237),

Gene: WunderPhul_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for WunderPhul_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Xena_2 Start: 807, Stop: 1235, Start Num: 60

Candidate Starts for Xena_2:

(Start: 60 @807 has 266 MA's), (77, 891), (Start: 80 @903 has 2 MA's), (93, 954), (100, 1023), (122, 1098), (123, 1101), (126, 1116), (130, 1140), (139, 1188), (144, 1197), (146, 1212),

Gene: XianYue_5 Start: 2724, Stop: 3194, Start Num: 62

Candidate Starts for XianYue_5:

(Start: 52 @2718 has 25 MA's), (Start: 62 @2724 has 187 MA's), (77, 2808), (86, 2844), (93, 2883), (114, 3018), (122, 3042), (137, 3135), (139, 3141), (144, 3150),

Gene: Yang_1 Start: 84, Stop: 548, Start Num: 62

Candidate Starts for Yang_1:

(48, 54), (Start: 62 @84 has 187 MA's), (142, 501), (149, 531),

Gene: Yasdnil_5 Start: 1930, Stop: 2355, Start Num: 64

Candidate Starts for Yasdnil_5:

(Start: 52 @1921 has 25 MA's), (Start: 64 @1930 has 48 MA's), (Start: 80 @2020 has 2 MA's), (115, 2200),

Gene: Yecey3_5 Start: 2433, Stop: 2906, Start Num: 56

Candidate Starts for Yecey3_5:

(47, 2406), (Start: 56 @2433 has 3 MA's), (70, 2490), (84, 2547), (93, 2595), (112, 2721), (114, 2730), (122, 2754), (124, 2766), (144, 2862),

Gene: YoSam321_2 Start: 803, Stop: 1234, Start Num: 60

Candidate Starts for YoSam321_2:

(Start: 60 @803 has 266 MA's), (Start: 80 @899 has 2 MA's), (93, 950), (100, 1019), (122, 1094), (123, 1097), (126, 1112), (130, 1136), (135, 1175), (144, 1193), (146, 1208),

Gene: Yogi_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Yogi_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Yokurt_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Yokurt_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Yoncess_3 Start: 1017, Stop: 1439, Start Num: 60

Candidate Starts for Yoncess_3:

(Start: 60 @1017 has 266 MA's), (Start: 65 @1035 has 6 MA's), (84, 1128), (90, 1152), (93, 1164), (119, 1299), (135, 1389), (144, 1407), (146, 1422),

Gene: Yosif_6 Start: 2393, Stop: 2821, Start Num: 63

Candidate Starts for Yosif_6:

(Start: 63 @2393 has 29 MA's), (76, 2468), (79, 2480), (Start: 80 @2483 has 2 MA's), (84, 2498), (115, 2663), (130, 2726), (137, 2774), (138, 2777),

Gene: Zainub_10 Start: 2296, Stop: 2727, Start Num: 52

Candidate Starts for Zainub_10:

(Start: 52 @2296 has 25 MA's), (Start: 80 @2392 has 2 MA's), (83, 2401), (102, 2524), (115, 2572), (126, 2611), (130, 2635), (148, 2719),

Gene: Zaka_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Zaka_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: Zeeculate_2 Start: 927, Stop: 1361, Start Num: 58

Candidate Starts for Zeeculate_2:

(Start: 58 @927 has 193 MA's), (Start: 80 @1020 has 2 MA's), (115, 1194), (122, 1215), (132, 1269), (136, 1305), (140, 1314),

Gene: Zemlya_6 Start: 1930, Stop: 2355, Start Num: 64

Candidate Starts for Zemlya_6:

(Start: 52 @1921 has 25 MA's), (Start: 64 @1930 has 48 MA's), (Start: 80 @2020 has 2 MA's), (95, 2089), (115, 2200),

Gene: Zephyr_2 Start: 929, Stop: 1369, Start Num: 58

Candidate Starts for Zephyr_2:

(Start: 58 @929 has 193 MA's), (Start: 80 @1028 has 2 MA's), (115, 1202), (122, 1223), (132, 1277), (136, 1313), (140, 1322),

Gene: Zetzy_2 Start: 857, Stop: 1276, Start Num: 60

Candidate Starts for Zetzy_2:

(Start: 53 @851 has 20 MA's), (Start: 60 @857 has 266 MA's), (Start: 65 @875 has 6 MA's), (71, 920), (Start: 80 @953 has 2 MA's), (122, 1148), (139, 1238),

Gene: Zeuska_2 Start: 930, Stop: 1370, Start Num: 58

Candidate Starts for Zeuska_2:

(Start: 58 @930 has 193 MA's), (Start: 80 @1029 has 2 MA's), (115, 1203), (122, 1224), (132, 1278), (136, 1314), (140, 1323),

Gene: Zimmer_5 Start: 2592, Stop: 3068, Start Num: 57

Candidate Starts for Zimmer_5:

(47, 2565), (Start: 57 @2592 has 69 MA's), (Start: 75 @2673 has 3 MA's), (Start: 80 @2691 has 2 MA's), (81, 2694), (93, 2754), (95, 2766), (97, 2784), (112, 2880), (114, 2889), (122, 2913), (135, 3003), (144, 3021),

Gene: Zolita_1 Start: 840, Stop: 1289, Start Num: 59

Candidate Starts for Zolita_1:

(10, 624), (13, 639), (16, 657), (47, 810), (Start: 59 @840 has 41 MA's), (Start: 80 @933 has 2 MA's), (82, 939), (86, 957), (95, 1008), (114, 1131), (122, 1155), (125, 1170),

Gene: Zulu_5 Start: 2482, Stop: 2952, Start Num: 62

Candidate Starts for Zulu_5:

(Start: 62 @2482 has 187 MA's), (77, 2569), (Start: 80 @2581 has 2 MA's), (93, 2644), (97, 2674), (100, 2713), (103, 2725), (114, 2779), (122, 2803), (144, 2914),

Gene: phiCAM_05 Start: 2073, Stop: 2501, Start Num: 64

Candidate Starts for phiCAM_05:

(Start: 52 @2064 has 25 MA's), (Start: 64 @2073 has 48 MA's), (76, 2148), (115, 2343),

Gene: phiHau3_5 Start: 1867, Stop: 2301, Start Num: 52

Candidate Starts for phiHau3_5:

(Start: 52 @1867 has 25 MA's), (76, 1948), (Start: 80 @1963 has 2 MA's), (104, 2104), (115, 2143), (130, 2206), (132, 2218),